

Eduard Jendek · Janka Poláková

# Host Plants of World *Agrilus* (Coleoptera, Buprestidae)

A Critical Review

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Dedicated to



***Ilja Okáli***<sup>1</sup>

*Friend  
Colleague  
Mentor  
Entomologist  
Museologist*

---

<sup>1</sup> 15 September 1934–11 October 2002. You are missed by all of us.



# Foreword

Dear reader,

How well you are aware of an *Agrilus* jewel-beetle *Agrilus* issue is most likely firmly linked to your place of residence. Quite unfortunately, North Americans have a better chance to know most about it. Before 2002, the name *Agrilus* was certainly not in the everyday consciousness, leaving aside a small circle of professional entomologists who even then knew how to spell A-g-r-i-l-u-s. Being conventionally accepted as the most diversified genus of the Animal Kingdom with presently some 3,000 species found all over the world, *Agrilus* quietly coexisted with humans ever since our own species came into existence. Things changed when our relatively recent ancestors spread all over the non-glaciated solid earth surface, became industrialized, learned to trade, mastered maritime travel and, most recently, have developed a strong craving for, or rather dependency on, cheap and abundant products from half way across the Globe bringing with them some undesired live “by-products”.

Rapid development of maritime travel connected continents since around the time of Columbus. Besides humans, other species also took advantage of making a passage to the new lands of promise and opportunities. Some of them were brought intentionally to “improve” nature while the majority hitchhiked. Pretty soon mice, goats and dandelions were greeting a European sailor in the most exotic places, from Botany Bay to Easter Island. Native biotas of smaller and likely more vulnerable oceanic islands quickly succumbed to the invaders. In 1836, when visiting St. Helena, Charles Darwin commented that among its 746 plant species, only 52 were indigenous while the others had been imported (Darwin, Reference to the Voyage). Continental biota, seemingly more robust or at least more diversified, could better resist the invaders, although the tendency was identical. The newcomers have been continuously arriving at ever increasing numbers and frequency and (surprise, surprise) threatening the long established local biotic communities.

And now back to the *Agrilus* jewel beetle. Just over a decade ago the infamous *Agrilus planipennis* (=Emerald Ash Borer or “EAB”, although I much prefer using

proper Latin names and specifically detest abbreviations) somehow squeezed some of its individuals to North America. It is not quite known how many specimens originally came, whether they were travelling as eggs, larvae, pupae or adults, which route they took and when exactly they boarded and disembarked the vessel (or possibly a plane). What is known is that in spring and summer 2002 large, spectacular and obviously “foreign” *Agrilus* beetle came to the notice of the US and Canadian forest officials in the region adjacent to Windsor and Detroit on both sides of the Canada–USA border (HAACK et al. 2002). The species did extremely well in North America partly due to ashes (*Fraxinus*), so abundant in natural and urban forests, in which it developed. What followed is already a well-known history of two countries taken entirely by surprise and, alas, gradually surrendering to a super-beetle that succeeded in what has been called “*the most costly biological invasion by an exotic forest insect to date*” (HERMS & McCULLOUGH 2014). Among millions of others, two mature ash trees shading my house and making the July heat more bearable were gone (not with the wind but by being removed by a city of Ottawa tree-cutting crew) in 2013.

To my biological mind, the most fascinating aspect of the story is the emergence of *Agrilus planipennis* as a complete surprise to the entire North American scientific community. The beast was totally unknown on the continent and, as was suggested, “. . . prior to its arrival, not a single specimen of *A. planipennis* existed in North American collections. . .” (JENDEK & GREBENNIKOV 2011). It directs attention of many, not only dedicated zoologists in non-vertebrates (meaning insects, mites, spiders, nematodes, tardigrades, daddy longlegs, earth worms and other similarly small, “creepy” and understudied), to fully appreciate the truly overwhelming amount of known unknowns or, rather unknown unknowns, pertaining to the diversity of life on our planet.

The present book systematizes orders and makes available all present knowledge on the host plants of *Agrilus* jewel beetles. It does not, and was not meant to, include any new data, while it does strive to sum up all what has ever been published on the subject. Although I met Eduard almost daily, it took me 6 years to grasp and appreciate the size of the task he and his co-author had undertaken. Taxonomy of *Agrilus* was (and perhaps still is) in a grand mess. This means that the same beetle species might be identified by different authors under different names with the predictable result that nobody understands what a name means. All this taxonomic chaos has to be sorted out in the first place, before a species name starts efficiently storing and disseminating information pertaining to it.

Eduard started his *Agrilus* career more than two decades ago by inspecting *Agrilus* type specimens in the European Museums, documenting them, designating numerous lectotypes and generally cleaning the Augean stables of *Agrilus* names for, firstly, Palaeartic, and then for the Oriental regions. At the same time he developed an access-based database to capture and manage all the information on everything which had been so far published on the genus. Besides the *Agrilus* species descriptions, the database contains geographical records, data on immature stages and notes on plants these organisms eat. It should be remembered that

*Agrilus* eats nothing but plants and this habit matters to us humans, specifically after *A. planipennis* has shown what it is capable to eat and how much (including two ashes in front of my house).

Eduard and Janka faced significant difficulties with how to treat information from thousands of records published since the Linnaean time and reporting that “*Agrilus* species A lives on plant species B”. Such records were generated by a multitude of authors with highly variable scientific and biological background in many different languages. Therefore, for a reasonable summation a number of preliminary questions had to be answered. Is the record reliable enough to be included in the analysis or possibly any of the two involved biological entities, a beetle and a plant, are misidentified? Are both involved biological names still the same presently? Which plant was exactly meant when reported as “обычен на жимолости” or “[a Japanese plant symbol]”. Last but not least, how to find \*every\* *Agrilus* host plant reference ever in existence? This work could have been done only by a team having (in addition to perseverance and dedication) the best possible knowledge on the current *Agrilus* taxonomy worldwide, solid botanical knowledge, adequate linguistic abilities, first-hand experience in *Agrilus* biology (including rearing and fieldwork) along with advanced databasing skills.

On the whole, this book firmly delimits a significant amount of “known” in terms of plant relations to *Agrilus* species worldwide and, therefore, equally firmly designates what remains unknown. It is one step down the road to better understanding the biological requirements of our planetary neighbours, considering the fact that some of them tend to climb over the fence into our backyards and stay there feeding on our plants. At the very least when another adventive *Agrilus* arrives, and this is, I am bound to say, just a matter of time, this book will tell us which of our beloved plants it will consume first.

Ottawa, Canada  
April 2014

Vasily Grebennikov

## References

- Darwin: Voyage [http://darwin-online.org.uk/converted/pdf/1839\\_voyage\\_F10.3.pdf](http://darwin-online.org.uk/converted/pdf/1839_voyage_F10.3.pdf)
- Haack RA, Jendek E, Liu H, Marchant KR, Petrice TR, Poland TM, Ye H (2002) The emerald ash borer: a new exotic pest in North America. *Newslett Michigan Entomol Soc* 47(3–4):1–5
- Hermes DA, McCullough DG (2014) Emerald ash borer invasion of North America: history, biology, ecology, impacts, and management. *Ann Rev Entomol* 59:13–30
- Jendek E, Grebennikov V (2011) *Agrilus* (Coleoptera, Buprestidae) of East Asia. Jan Farkač, Prague, 362 pp



# Preface

The introduction and outbreak of mass ash-killer *Agrilus planipennis* in North America predetermined our lives and brought me and my wife Janka to Canada. Actually, our arrival to Ottawa was closely followed with the arrival of this pest, so we saw for ourselves how this tiny Asian beetle had been killing nearly all urban ashes in a single season. Quite recently, the second invasion center appeared in Moscow region and is spreading towards Europe. It is a question of time and Europeans will encounter the same environmental disaster which currently ruins ashes in North America.

*Agrilus planipennis* is not alone but has some 3,000 congeners assembled in the world most speciose genus *Agrilus*. This book wants to contribute by a small piece to the mosaic of knowledge on these significant insects by providing the compilation of all published trophic relations of *Agrilus* species-group taxa. Unlike few works with the regional focus, this book is the first which covers *Agrilus* worldwide and provides the critical analysis of published host plant associations based on the newly proposed methodology distinguishing between original and subsequent records and assessing the host plant association credibility.

The core of the book consists of two lists. The first is the alphabetical list of *Agrilus* species-group taxa, each accompanied with all recorded host plants. Second is the systematic list of cited host plants with all reported *Agrilus* species-group taxa. All recorded scientific names, valid or invalid, are cited in two, *Agrilus* and plant, indices.

Ottawa, Canada  
13 May 2014

Eduard Jendek





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# Introduction

The genus *Agrilus* is remarkable in the insect world, representing one of the most successful groups, which is projected into enormous species diversity, likely the highest in the Animal Kingdom. To date, more than 3,000 *Agrilus* species or subspecies are recognized but the real amount can be a multiple of this number because the rate of new species descriptions is still not reaching the culmination point. Hundreds of new, unnamed species pending descriptions are available in collections and further hundreds still need to be discovered and collected in nature.

Many *Agrilus* have been considered for a long time as plant pests, but it was the recent outbreak of *Agrilus planipennis* in North America causing the death of millions of ash trees, which has made *Agrilus planipennis* one of the most frequently cited pests in the entomological literature and catapulted the genus *Agrilus* into the ranks of the most damaging pests in the world.

Insect – host plant associations include important biological, ecological, evolutionary and biogeographic aspects determining the role of insects in the ecosystem. Reliable trophic data are indispensable for proper assessment of ecological amplitude, biogeographic requirements or invasive potential, serving for timely and effective pest control measures.

This review aims to provide a critical overview on published worldwide *Agrilus* – host plant associations. The word critical means that this study doesn't provide just meaningless data compilation with all mistakes and confusions gathered from the past, but it rather offers personally checked and carefully evaluated records based on a methodology distinguishing between original observation and subsequent repetition, as well as larval and adult records. Critically evaluated data are for the first time summarized, analyzed and illustrated.

The work aims to contribute to a better understanding of the biology of worldwide *Agrilus* by providing a coherent, comprehensive and critical review on all published host plant associations. The main impact of this study is seen in entomology, phytopathology, forestry, agriculture, ecology and control.

# Host Plants of *Agrilus*

## History of Host Plant Reporting

The history of publishing biological data on *Agrilus* is prolific and dates to the earliest days. There are 1,250 host related references in this study with no chance to adequately highlight all the important ones. This section is just a brief insight into several aspects of biological discovery of these splendid beetles.

The oldest *Agrilus* host plant association relates to *Betula alba* and was cited by LINNÉ (1760) for *Buprestis viridis* (currently *Agrilus*) described 2 years earlier. The oldest known *Agrilus*-host plant associations published directly in a description are those cited for *Agrilus serraticornis* Scopoli, 1763; *A. viridicupreus* Geoffroy, 1764; *A. sexguttatus* Brahm, 1791; *A. hyperici* Creutzer, 1799; *A. sexguttatus* Herbst, 1801 and *A. lateralis* Say, 1823.

The biological reporting of earliest authors usually includes just collecting circumstances without further biological details. This approach was changed by RATZEBURG (1837, 1839a, b) who described the first *Agrilus* larvae and biology of important forest pests and by PERRIS (1851) and XAMBEU (1893, 1898) describing larval characters and biology of additional European *Agrilus*.

The boom in biological reporting started at the beginning of the twentieth century and is continuing to the present day. The *Agrilus* related host records are usually included among biological data of other buprestids. Biological information can be found not only in entomological papers, but in a whole range of publications on forestry, agriculture, ecology, phytopathology, parasitology, and bio-control. Valuable data can be occasionally found in publications on buprestid parasitoids or predators.

Europe has the richest history of biological reporting due to long entomological tradition. Most references relate to the regional fauna and every European country has very likely its own buprestid monograph including biological data. The most

important are: Central Europe – BÍLÝ (2002); Fennoscandia and Denmark – BÍLÝ (1982); Bulgaria – SAKALIAN (2003); Czech Republic – BÍLÝ (1989); France – SCHAEFER (1949b), THÉRY (1942); Germany – BRECHTEL & KOSTENBADER (2002); NIEHUIS (2004); Greece – MÜHLE et al. (2000); Hungary – MUSKOVITS & HEGYESSY (2002); Italy – CURLETTI (1994b); Poland – BURAKOWSKI et al. (1985); Spain – COBOS (1986); Ukraine – PROKHOROV (2010); European part of Russia – ALEXEEV (1959, 1961, 1981c), IL'INSKIJ (1948, 1962), RIKHTER (1948, 1950) RIKHTER & ALEXEEV (1965).

The biology and host plants of North American *Agrilus* are also well known and reviewed in numerous publications. The most important are the revisions of FISHER (1928) dedicated exclusively to *Agrilus* and the catalog of NELSON et al. (2008) providing a comprehensive host summary for all North American *Agrilus*. The northeastern North American *Agrilus* fauna was recently reviewed by PAIERO et al. (2012) compiling all known biological data. The most complete data for Canadian buprestids including *Agrilus* were published by BRIGHT (1987). The original records on American *Agrilus* were gathered by dozens of American and Canadian entomologists like Bellamy, Chamberlin, Cockerell, Fall, Fisher, Harrington, Hespeneheide, Jackman, Knull, Lockhead, MacRae, Manley, Nelson, Swaine, Verity, Wellso and Westcott. Some of them also contributed to the fauna of Mexico and adjacent countries. Their papers are cited at particular taxa.

The biology of *Agrilus* south of Mexico, despite the enormous diversity of the genus, is poorly known and can be found in references from Brazil – SUJII et al. (1996), CURLETTI et al. (2013); Chile – MOORE RODRIGUEZ (1985); Costa Rica – FISHER (1929); French Guiana – CURLETTI & BRÛLÉ (2013, 2014); Nicaragua – WESTCOTT & HESPENHEIDE (2006); Panama – CURLETTI (2005b) and Venezuela – HESPENHEIDE (2012).

Only a very few African *Agrilus* have known host plant associations. The information is scattered in older works of THÉRY (1934, 1937) and DESCARPENTRIES (1959, 1963) as well as in recent publications of CURLETTI (1994a, 1997, 1998b, 1999); CURLETTI & BELLAMY (2005); CURLETTI & CRISTANO (2013); CURLETTI & DUTTO (1999a, b); CURLETTI & SAKALIAN (2007, 2009) and CURLETTI & VAYSSIÈRES (2007).

Asian Near East biological *Agrilus* records exist from: Israel – HALPERIN & ARGAMAN (2000); Turkey – SCHIMITSCHEK (1944), NIEHUIS & TEZCAN (1993) and Yemen – CURLETTI & HARTEN (2002). The Central Asian region was explored by Russian entomologists such as KADYRBEKOV et al. (2003); KOSTIN (1973); TLEPPAEVA (1999, 2013) and VOLKOVITSH & ALEXEEV (1992, 1994). The latter also provided data on *Agrilus* of Mongolia (ALEXEEV, 1975; ALEXEEV & VOLKOVITSH, 1989).

Many *Agrilus* host plant associations from the Russian Far East were cited by ALEXEEV (1989) and recently by JENDEK & GREBENNIKOV (2011) in the book on East Asian *Agrilus* summarizing all published hosts for all *Agrilus* known from the target area. Japan has a long tradition in exploring jewel beetle biology with the most important contribution by AKIYAMA & OHMOMO (1997) and OHMOMO & FUKUTOMI (2013). Publications of CHANG-WHAN KIM (1978) and KO JE HO (1969) were dedicated to buprestid biology of South Korea. Some publications written in Chinese, Japanese or Korean may have been overlooked.

From the Oriental region, the valuable original biological data on *Agrilus* were provided by GARDNER (1929) and by BEESON (1919, 1941) from India and by GUL & CHAUDHRY (1980, 1983) from Pakistan. These data are the first larval records for Oriental *Agrilus*. Additional biological references on Oriental species were provided by BAUDON (1968) from Laos, by JACKMAN (1987) and KALSHOVEN (1951) from the Philippines and by VERBEEK (1939) from Indonesia. The summary of published data on host plants of Australian jewel beetles was recently given by BELLAMY et al. (2013). This work also includes references to all cited Australian records.

Autecological publications referring usually to economically important species deserve special attention. Among the recent papers, the most important are those published by BRECHTEL & KOSTENBADER (2002) and NIEHUIS (2004) detailing and illustrating the biology of *Agrilus* in Germany. The original observations and life cycle of Ukrainian species were those by PROKHOROV (2010). SOLOMON (1995) published a guide to insect borers which included also many American *Agrilus*. IVES & WONG (1988) provided biological data for important Canadian pests.

The autecology of European and American *Agrilus* was studied by many authors. The species with well-known biology are: *A. angelicus*: BROWN & EADS (1965), *A. anxius*: KATOVICH et al. (2000), Barter (1957), *A. ater*: KANGAS (1947), *A. auricollis*: WACHTL (1888), *A. biguttatus*: WACHTENDORF (1955), *A. difficilis*: AKERS et al. (1986), *A. granulatus*: SOLOMON, 1995, *A. horni*: CARLSON & KNIGHT (1969), *A. horni*: NORD et al. (1965), *A. macroderus*: LEKIČ (1958), *A. mendax*: ALEXEEV (1958a), KROGERUS (1922a, b), *A. otiosus*: SOLOMON (1995), *A. politus*: CRAIGHEAD (1950), *A. quercicola*: SEVER et al. (2012), *A. ruficollis*: CRANSHAW (2004), *A. salicis*: LEKIČ (1959) (as *A. acutangulus*), *A. sinuatus*: FASSOTTE (1999), FASSOTTE et al. (2004), *A. suvorovi*: ARRU (1962) (as *A. populneus*), GRECHKIN (1951c) and *A. viridis*: BRÜCK-DYCKHOFF (2012), PETERCORD & DELB (2008), SAVKOVSKII & RYBALOV (1981).

The biology of certain *Agrilus* species was discovered because they are serious pests of cultivated plants like *Citrus*: *A. auriventris*, *A. grisator*, *A. inamoenus*, *A. occipitalis*; *Hibiscus*: *A. acutus*; *Malus*: *A. sinuatus*, *A. mali*; *Pyrus*: *A. sinuatus*; *Ribes*: *A. ribesi*; *Rosa*: *A. cuprescens*; *Rubus*: *A. cuprescens* *A. ruficollis*; *Zanthoxylum*: *A. zanthoxylumi*. References to these host plant associations can be found in the *Agrilus* – host plant catalog.

Invasive species present a special category and among them, *Agrilus planipennis*, the notorious pest of *Fraxinus*, has the dominant position. Before its introduction to the North American continent and later to the European part of Russia, *Agrilus planipennis* was known from just a few records. Its outbreak in North America however, has triggered an enormous interest in this species resulting in numerous studies. This species is probably the best studied *Agrilus* and, perhaps, buprestid generally.

*Agrilus*-host plant associations were summarized and revised only on a regional level. The most important recent publications on North American (NELSON et al., 2008) and Australian (BELLAMY et al., 2013) *Agrilus* fauna provide a summary of host plants without critical revision or analyses. Similarly, three European papers



by BÍLÝ (2002), BRECHTEL & KOSTENBADER (2002) and NIEHUIS (2004) offer no critical assessment of cited *Agrilus* host plant associations.

Among the publications reviewing *Agrilus* – host plant associations, only two of them, HORION (1955) and HELLRIGL (1978) provide a critical host plant assessment of European *Agrilus* together with other buprestids. HELLRIGL (1978) was the first author who made the clear distinction between original and subsequent host plant records, highlighted larval ones and excluded erroneous records. These two publications present the first attempt to provide a critical revision of compiled data and serve as an inspiration for our work.

## Larval and Adult Host Plants

In the genus *Agrilus*, the destructive insect-plant interactions are almost exclusively the result of larval activity. The larva lives 1–3 years which is by far the longest and most important stage of the whole life cycle. To reach sexual maturity, adults also need feeding and the adult host plant is typically the same plant species as the larval host plant. Adult feeding poses insignificant impact compared with more severe larval damage.

The larval host plant of a particular *Agrilus* species-group taxon is the plant where its larva develops. The adult host is usually seen the plant on which the adult feeds, but in the broad sense adopted in this study, it is a plant reported in relation with adult occurrence. The reason for adult occurrence on the plant varies from purely accidental to biologically predetermined like emergence or oviposition. Adult host records are frequently the only data available for many *Agrilus* taxa and despite the high rate of uncertainty, they might, in many cases, refer to the actual larval host plant.

## Host Plant Reporting

**Host related records** Published host related records are loaded with many compromising uncertainties. The host plant reporting has no standard which would guarantee their reliability. The reverse verification is impossible due to lack of voucher specimens either of *Agrilus* or plants. Many host related records remained undisclosed because of being cited by vernacular names. This practice is common in all languages, but most critical in publications written in Chinese, Japanese, Korean or Russian.

In the process of host plant reporting, original records play the primary role because of bearing new or original information. The original records must be clearly distinguished from subsequent, secondary records with no new information. However, adopted information in subsequent records is often published without reference to the original source and are therefore difficult to distinguish.

The original records are often mere declarations lacking any additional data like details from rearing, locality labels, deposition of specimens, images of plants or galleries supporting the new biological information and allowing verification. The most valuable original records are those based on larval activity. The original larval records are often not declared even in some recent publications.

The taxonomy and nomenclature of both, *Agrilus* and host plants are still dynamic and resulting in frequent changes of names used for the same subject. All records cited by synonymic names were assigned to valid species-group taxa from adopted systems of *Agrilus* and host plants (for more details see section “Data Sources” in chapter “[Methods](#)”).

**Host plant associations** The only way to evaluate the credibility of a particular *Agrilus* – host plant association is by means of relevant original records. Independently published original records supporting the same *Agrilus* – host plant association increase its credibility. The more independent sources the higher the credibility of the particular *Agrilus* – host plant association. The records with highest value are those referring to the larval activity and are well supported by original data.

The quality of records might be ruined by misidentification or misconception either of *Agrilus* or the host plant. Misidentifications in hyper-diverse genera like *Agrilus* are very common mostly in older references. The taxon misconception is the special case of misidentification and means misinterpretation of the concept of particular taxon.

Records introducing false *Agrilus* – host plant association are very difficult to disprove without reverse identification of voucher specimens. The only way to eliminate them is, perhaps, detailed knowledge on the biology of a particular *Agrilus* taxon, which would allow excluding those implausible plant associations from the proven host range.

# Methods

## Data Sources

The *Agrilus* – host plant associations reviewed in this study are from published sources. No unpublished host records were introduced. All cited references and records were checked and examined. The system of worldwide *Agrilus* comes from the senior author's database maintained in MS Access format. The system of plants was adopted from the internet database THE PLANT LIST (2013), Version 1.1 <http://www.theplantlist.org/>.

## Deadline

The end of February 2014 was the deadline for data. No publication after this date has been included. Adopted systems of plant and *Agrilus* names reflect the state from February 2014.

## Definition of Terms Used in the Text

*Agrilus* host plants association is trophic relation between particular *Agrilus* species-group taxon and particular plant taxon.

## References

*Reference* is the published source of information (article, book)

*Host related reference* is the *reference* with information on host plant(s)

*Original reference* is a *reference* where the *original record* was published

*Subsequent reference* is a *reference* where *subsequent record* was published

## Records

*Record* is information to particular subject in the *reference*

*Host related record* is information referred to particular *host plant association*

*Original record* is a *record* with new or original information

*Subsequent record* is a *record* with information republished from the *original record*

*Documented record* is a *record* supported by data

*Undocumented record* is a *record* without supporting data

*Larval host record* is a *record* with larval host information for a particular *host plants association*

*Adult host record* is a *record* with adult host information for a particular *host plants association*

## Plants

*Larval host plant* is a plant cited in the *larval host record*

*Adult host plant* is a plant cited in the *adult host record*

## Taxa

*Taxon* (plural *taxa*) is a taxonomic category or group, such as order, family, genus, species or subspecies

*Species-group taxa* are *taxa* of species or subspecies rank

## Confidence Index

The confidence index is the numerical evaluation of credibility of *Agrilus* – host plant association and is evaluated from original records referring to this particular trophic association.

Confidence index has four ranks (0, 1, 2, 3) with the reliability increasing from 0 to 3. The lowest confidence index 0 indicates misidentified or misinterpreted *Agrilus* – host plant association.

The confidence index 1 applies to the *Agrilus* – host plant association supported by adult host record(s) while the larval host record(s) are missing. This confidence index can also be assigned to some extraordinary or unexpected *Agrilus* – host plant association outside known host range of *Agrilus* taxon. The credibility of such association is low but it is frequently the only information available for many *Agrilus*.

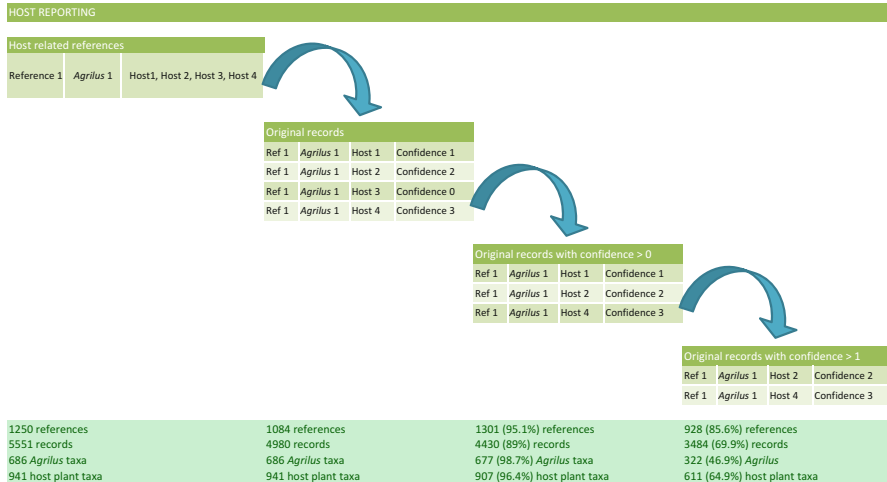
The confidence index 2 refers to the *Agrilus* – host plant association supported just by adult host record(s) but the host plant is from the verified genus of confidence level 3. For instance, if *Quercus robur* is reported for *Agrilus angustulus* and *Quercus* is known as verified larval host genus of this species, the host plant association *Agrilus angustulus* – *Quercus robur* is assigned the confidence level 2 despite this association being supported just by adult host record(s).

The confidence index 3 has the highest level of confidence and typically refers to *Agrilus* – host plant association supported by the most reliable larval host records. This index can also be assigned to the host association when the species is repeatedly and commonly collected from the same plant species but larval host record is unknown. Some host records can refer to the larval activity and larval host plant indirectly, for instance by finding remnant of imago which failed to emerge.

The primary reason of indexing was to provide a critical assessment of published *Agrilus* – host plant associations based on the most comprehensive number of personally evaluated original records which would allow more exact analysis of trophic associations.

## Workflow

The logic and steps of the data examination is illustrated in Fig. 1. All available *host related references* were processed into an MS Access table with separate fields for the reference, *Agrilus* taxon and host(s). All host plants from particular reference related to the same *Agrilus* taxon are in the same field and table record. The *original host records* were processed into a new table with each host plant in a separate table record. All table records were evaluated and assigned either to larval or adult records. The confidence index has been assigned to each *Agrilus* – host plant association based on relevant host records. The methodology of indexing is described in the section “Confidence Index” (chapter “[Methods](#)”). The original records for *Agrilus* – host plant associations with the confidence  $>0$  were used for the analysis and the most reliable records with the confidence index  $>1$  were used for comparison. All analyses were done in MS Access.



**Fig. 1** Examination of host association data in references and records

## Data Completeness

The main effort was made to deliver the most complete summary of known *Agrilus* – host plant associations. We believe that we have treated at least 99 % of them. The host related references cited in this review are far from complete. Biological data of some *Agrilus* species scattered among not primarily entomological references might remained overlooked but these rarely bring any new host plant information. Some Chinese, Japanese, Korean and Russian publications citing host plants by vernacular names might also be overlooked.

## Structure, Format and Conventions

*Agrilus* host plant associations are reviewed in two catalogs: the first arranged by *Agrilus* species-group taxa and the second by host plants. The chapter “[Analysis](#)” provides statistics and data analysis visualized in figures and tables. All cited scientific names of *Agrilus* and plant taxa are listed alphabetically in two indices. All cited references for *Agrilus* – host plants associations are recorded in the chapter “[References](#)”.

The ***Agrilus* – host plants catalog** summarizes the host plant spectrum for each *Agrilus* species-group taxon and consists of four sections.

The first section is the heading with the valid *Agrilus* name and list of all synonyms, available or unavailable, cited for host plant associations of the taxon.

The second section is the review of host plant associations from original records (see definition) arranged by plant families, genera and species-group taxa. Each

host plant has assigned the confidence index (see definition) cited in curly brackets { }. Host records are ordered chronologically and those referring to larval host are tagged by the proclamation mark “!” inserted before the year of publication. The unique numerical code preceded by the number sign # and enclosed in square brackets [ ] provides a link to the particular reference cited in the chapter “References”. Additional information related to synonyms or misidentifications (if any) are enclosed at the end in round brackets ( ). Synonymic names of *Agrilus* or host plants are preceded by the inscription “as”, misidentification are tagged by the inscription “*misidentified as*”.

The third section is a chronological synopsis of both, original and subsequent references (see definition). The Synopsis is omitted if there are no subsequent references. All cited host plants are given in round brackets at the end of each reference. Host plants are cited in the original spelling. If the reference includes data on biology, the inscription “*biology*” is given in round brackets.

The fourth and optional section includes remarks.

The **Host plant – *Agrilus* catalog** provides a review on all *Agrilus* taxa reported for particular host plant. Host plants are arranged alphabetically by plant families and genera. Relevant *Agrilus* taxa are arranged alphabetically for each host plant. The confidence level for each host plant association is given for each *Agrilus* taxon in curly brackets { }. Synonymic host plant name has the valid name cited in square brackets.

**Biogeographic regions** The following abbreviations and their combinations are used for biogeographic regions or their transitional zones. AFR – Afrotropical, NEA – Nearctic, NEO – Neotropical, OR – Oriental and PAL – Palaeartic. For practical reason, the Oriental region includes also Indo-Malay, Australasian and Oceanic regions.

# Catalog *Agrilus* – Host Plants

The structure, format and conventions of this section are explained in the Methodology.

## ***Agrilus abditus* Horn, 1891**

### ***Fagaceae***

*Quercus arizonica* Sarg. {1}

NELSON et al., 1996 [#3975]

*Quercus hypoleucoides* A. Camus {1}

MACRAE & BASHAM, 2013 [#9563]

**Synopsis** NELSON et al., 1996 [#3975] (*Quercus arizonica*) – NELSON et al., 2008 [#8377] (*Quercus arizonica*) – MACRAE & BASHAM, 2013 [#9563] (*Quercus hypoleucoides*)

## ***Agrilus abductus* Horn, 1891**

### ***Cornaceae***

*Cornus florida* L. {1}

HESPENHEIDE, 1973 [#1220]



***Fagaceae****Quercus* {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

*Quercus arizonica* Sarg. {1}

CHITTENDEN, 1900 [#5334]

*Quercus stellata* Wangenh. {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

***Leguminosae****Gleditsia triacanthos* L. {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

***Rutaceae****Zanthoxylum clava-herculis* L. {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Quercus arizona*) – FROST & WEISS, 1920 [#9782] (*Quercus arizonica*) – CHAMBERLIN, 1926 [#468] (*Quercus arizonica*) – FISHER, 1928 [#980] (*Quercus arizonica*) – HESPENHEIDE, 1973 [#1220] (*Cornus florida*) – NELSON & WESTCOTT, 1976 [#1861] (*Gleditsia triacanthos*; *Quercus*; *Zanthoxylum clavaherculis*; *Quercus stellata*) – NELSON et al., 2008 [#8377] (*Quercus*; *Cornus*; *Zanthoxylum*)

***Agrilus abstersus* Horn, 1891*****Cannabaceae****Celtis ehrenbergiana* (Klotzsch) Liebm. {1}NELSON & WESTCOTT, 1976 [#1861] (as *Celtis pallida* Torr.)***Leguminosae****Acacia constricta* A. Gray {2}

NELSON &amp; WESTCOTT, 1976 [#1861]

*Acacia greggii* A. Gray {3}

CHITTENDEN, 1900! [#5334] – FISHER, 1928! [#980]

*Olneya tesota* A. Gray {1}

NELSON, 1987 [#1893]

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}

HESPENHEIDE et al., 2011 [#9050]

*Prosopis juliflora* (Sw.) DC. {1}

NELSON & WESTCOTT, 1976 [#1861]

## ***Verbenaceae***

*Castela emoryi* (A. Gray) Moran & Felger {3}

NELSON et al., 1981! [#1903]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Acacia greggii*) – FROST & WEISS, 1920 [#9782] (*Acacia greggii*) – CHAMBERLIN, 1926 [#468] (*Acacia greggii*) – FISHER, 1928 [#980] (*Acacia greggii*) – NELSON & WESTCOTT, 1976 [#1861] (*Acacia constricta*; *Prosopis juliflora*; *Celtis pallida*) – NELSON et al., 1981 [#1903] (*Castela emoryi*) – NELSON, 1987 [#1893] (*Olneya tesota*) – NELSON et al., 2008 [#8377] (*Acacia*; *Castela*; *Celtis*; *Olneya*; *Prosopis*) – HESPENHEIDE et al., 2011 [#9050] (*Prosopis glandulosa* var. *torreyana*)

## ***Agrilus acaciae* Fisher, 1928**

### ***Leguminosae***

*Acacia* {3}

NELSON et al., 1981! [#1903]

*Acacia farnesiana* (L.) Willd. {3}

FISHER, 1928! [#980] – VOGT, 1949! [#2971] – WELLSO, 1973! [#3078]

*Acacia rigidula* Benth. {3}

VOGT, 1949 [#2971] – MACRAE & NELSON, 2003! [#5977]

*Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes {1}

NELSON et al., 1981 [#1903] (as *Pithecellobium flexicaule* (Benth.) J. M. Coult.)

*Leucaena pulverulenta* (Schltdl.) Benth. {3}

MACRAE, 2006! [#7542]

*Prosopis* {3}

NELSON et al., 1981 [#1903]

*Prosopis glandulosa* Torr. {3}

NELSON et al., 1981! [#1903]

**Synopsis** FISHER, 1928 [#980] (*Acacia farnesiana*) – VOGT, 1949 [#2971] (*Acacia rigidula*; *A. farnesiana*) – WELLSO, 1973 [#3078] (*Acacia farnesiana*) – NELSON et al., 1981 [#1903] (*Pithecellobium flexicaule*; *Prosopis*; *P. glandulosa*; *Acacia*) –

MACRAE & NELSON, 2003 [#5977] (*Acacia rigidula*) – MACRAE, 2006 [#7542] (*Leucaena pulverulenta*) – NELSON et al., 2008 [#8377] (*Acacia*; *Leucaena*; *Prosopis*; *Ebenopsis*)

## ***Agrilus acutipennis* Mannerheim, 1837**

### ***Betulaceae***

*Betula* {1}

CHAMBERLIN, 1926 [#468]

*Corylus americana* Walter {1}

FROST & WEISS, 1920 [#8210]

### ***Ebenaceae***

*Diospyros virginiana* L. {1}

NELSON et al., 2008 [#8377]

### ***Fagaceae***

*Quercus* {3}

BLANCHARD, 1889 [#345]

*Quercus alba* L. {2}

NELSON et al., 2008 [#8377]

*Quercus gambelii* Nutt. {3}

BURKE, 1917! [#406] – CHAMBERLIN, 1926! [#468]

*Quercus imbricaria* Michx. {3}

MACRAE, 2006! [#7542]

*Quercus laurifolia* Michx. {2}

WESTCOTT, 2007 [#8009]

*Quercus lyrata* Walter {2}

NELSON et al., 2008 [#8377]

*Quercus macrocarpa* Michx. {2}

MACRAE & NELSON, 2003 [#5977]

*Quercus marilandica* (L.) Münchh. {2}

NELSON et al., 2008 [#8377]

*Quercus rubra* L. {2}

FROST & WEISS, 1920 [#8210]

*Quercus stellata* Wangenh. {2}

NELSON et al., 2008 [#8377]

*Quercus velutina* Lam {2}

NELSON et al., 2008 [#8377]

## **Juglandaceae**

*Carya cordiformis* (Wangenh.) K. Koch {1}

NELSON et al., 2008 [#8377]

*Juglans nigra* L. {1}

NELSON et al., 2008 [#8377]

## **Rosaceae**

*Amelanchier arborea* (F. Michx.) Fernald {1}

NELSON & MACRAE, 1990 [#1864]

*Pyrus* {0}

SMITH, 1894! [#7635] (misidentification of *sinuatus*)

## **Salicaceae**

*Populus* {1}

CHAMBERLIN, 1926 [#468]

**Synopsis** BLANCHARD, 1889 [#345] (*Quercus*) – SMITH, 1894 [#7635] (*Pyrus*) (biology) – CHITTENDEN, 1900 [#5334] (*Quercus*; *Populus*) – BLATCHLEY, 1910 [#346] (*Quercus*) – BURKE, 1917 [#406] (*Quercus gambelii*) (biology) – FROST & WEISS, 1920 [#8210] (*Quercus*; *Q. rubra*; *Corylus americana*) – MUTCHLER & WEISS, 1922 [#1858] (*Corylus americana*; *Quercus rubra*) – CHAMBERLIN, 1926 [#468] (*Quercus gambelii* [refers to *quercicola*]; *Quercus rubra*; *Corylus americana*; *Populus*; *Betula*) – FISHER, 1928 [#980] (*Quercus*; *Betula*; *Populus*; *Corylus americana*) – BAKER, 1972 [#95] (*Quercus*) (biology) – WELLSO et al., 1976 [#3079] (*Corylus*; *Ostrya*; *Quercus*) – BRIGHT, 1987 [#379] (*Quercus*; *Betula*; *Populus*; *Corylus*) – NELSON & MACRAE, 1990 [#1864] (*Amelanchier arborea*) – SOLOMON, 1995 [#7647] (*Quercus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*; *Betula*; *Corylus*; *Populus*) – MACRAE & NELSON, 2003 [#5977] (*Quercus macrocarpa*) – MACRAE, 2006 [#7542] (*Quercus imbricaria*) – WESTCOTT, 2007 [#8009] (*Quercus laurifolia*) – NELSON et al., 2008 [#8377] (*Quercus*; *Amelanchier*; *Betula*; *Carya*; *Corylus*; *Diospyros*; *Juglans*; *Populus*) – PAIERO et al., 2012 [#9293] (*Quercus*)

***Agrilus acutus* (Thunberg, 1787)*****Malvaceae****Abelmoschus* {3}

KALSHOVEN, 1951! [#3718]

*Abelmoschus esculentus* (L.) Moench {3}

AHMAD &amp; FARUQUZZAMAN, 2000! [#7044]

*Corchorus olitorius* L. {3}

DUTT, 1969 [#3659] – AHMAD &amp; FARUQUZZAMAN, 2000! [#7044]

*Hibiscus acetosella* Welw. ex Hiern {3}

AHMAD &amp; FARUQUZZAMAN, 2000! [#7044]

*Hibiscus arnottianus* A. Gray {3}

LEEFMANS, 1922! [#8158]

*Hibiscus cannabinus* L. {3}

FLETCHER, 1920! [#9777] – LEEFMANS, 1922! [#8158] – REH, 1927! [#8947] – MÜHLMANN, 1954! [#8152] – DUTT &amp; BHATTACHERJEE, 1960! [#7046] – DUTT, 1964! [#8157] – DUTT, 1969! [#3659] – DUTT, 1971! [#7047] – BHUIYAN &amp; KABIR, 1985! [#7045] – PANDIT, 1998! [#6287] – AHMAD &amp; FARUQUZZAMAN, 2000! [#7044] – AHMAD et al., 2001! [#7043]

*Hibiscus micranthus* L. f. {3}

LEEFMANS, 1922! [#8158]

*Hibiscus mutabilis* L. {3}

LEEFMANS, 1922! [#8158]

*Hibiscus platanifolius* (Willd.) Sweet {3}

LEEFMANS, 1922! [#8158]

*Hibiscus radiatus* Cav. {3}

AHMAD &amp; FARUQUZZAMAN, 2000! [#7044]

*Hibiscus rosa-sinensis* L. {3}

LEEFMANS, 1922! [#8158]

*Hibiscus sabdariffa* L. {3}

DUTT &amp; BHATTACHERJEE, 1960! [#7046] – DUTT, 1964! [#8157] – DUTT, 1969 [#3659] – AHMAD &amp; FARUQUZZAMAN, 2000! [#7044]

*Hibiscus telfairiae* G. Don ex Maund & Hensl. {3}

LEEFMANS, 1922! [#8158]

*Malachra capitata* (L.) L. {3}

AHMAD &amp; FARUQUZZAMAN, 2000! [#7044]

*Urena* {3}

KALSHOVEN, 1951! [#3718]

*Urena lobata* L. {3}

LEEFMANS, 1935 [#8872] – BHATTACHARYA et al., 1977! [#4209]

**Synopsis** FLETCHER, 1920 [#9777] (*Hibiscus cannabinus*) (biology) – LEEFMANS, 1922 [#8158] (*Hibiscus mutabilis*; *H. micranthus*; *H. telfairiae* [sic!]; *H. arnottianus*; *H. platanifolius*; *H. rosasinensis*) (biology) – REH, 1927 [#8947] (*Hibiscus cannabina*) – LEEFMANS, 1935 [#8872] (*Hibiscus cannabinus*; *Urena lobata*) – KALSHOVEN, 1951

[#3718] (*Abelmoschus*; *Urena*) (biology) – MÜHLMANN, 1954 [#8152] (*Hibiscus cannabina*) (biology) – SOURESH, 1956 [#8155] (*Hibiscus esculentus*; *H. cannabinus*; *H. sabdariffa*) – DUTT & BHATTACHERJEE, 1960 [#7046] (*Hibiscus cannabinus*; *H. sabdariffa*) (biology) – DUTT, 1964 [#8157] (*Hibiscus cannabinus*; *H. sabdariffa*) (biology) – DUTT, 1969 [#3659] (*Hibiscus cannabinus*; *Corchorus olitorius*; *Hibiscus sabdariffa*) (biology) – DUTT, 1971 [#7047] (*Hibiscus cannabinus*) (biology) – BHATTACHARYA et al., 1977 [#4209] (*Urena lobata*) (biology) – BHUIYAN & KABIR, 1985 [#7045] (*Hibiscus cannabinus*) (biology) – PANDIT, 1998 [#6287] (*Hibiscus cannabinus*; *H. sabdariffa*; *Corchorus olitorius*) – AHMAD & FARUQUZZAMAN, 2000 [#7044] (*Hibiscus cannabinus*) – AHMAD et al., 2001 [#7043] (*Hibiscus cannabinus*) – HILL, 2008 [#8600] (*Hibiscus cannabinus*; *H. esculentus*; *H. sabdariffa*; *Corchorus*)

## ***Agrilus addendus* Crotch, 1873**

**Synonyms** *frisoni* Fisher

### ***Leguminosae***

*Acacia* {1}

NELSON et al., 1981 [#1903] – MACRAE & NELSON, 2003 [#5977] (as *frisoni*)

*Acacia farnesiana* (L.) Willd. {1}

VOGT, 1949 [#2971] – NELSON et al., 1981 [#1903]

*Acacia rigidula* Benth. {1}

VOGT, 1949 [#2971]

*Prosopis* {1}

NELSON et al., 1981 [#1903]

*Prosopis juliflora* (Sw.) DC. {1}

VOGT, 1949 [#2971]

### ***Rosaceae***

*Prunus persica* (L.) Batsch {0}

BLATCHLEY, 1910 [#346]

**Synopsis** BLATCHLEY, 1910 [#346] (*Prunus persica*) – FROST & WEISS, 1920 [#9782] (*Prunus persica*) – VOGT, 1949 [#2971] (*Acacia rigidula*; *Prosopis juliflora*; *Acacia farnesiana*) – NELSON et al., 1981 [#1903] (*Acacia farnesiana*; *Acacia*; *Prosopis*) – MACRAE & NELSON, 2003 [#5977] (*Acacia*) (as *frisoni*) – NELSON et al., 2008 [#8377] (*Acacia*; *Prosopis*)

**Remarks** *Agrilus addendus* develops likely in Leguminosae (*Acacia*, *Prosopis*), but the larval record is missing.

***Agrilus adelphinus* Kerremans, 1895**

**Synonyms** *egorovi* Alexeev

***Fagaceae***

*Quercus* {1}

ALEXEEV, 1989 [#64] (as *egorovi*)

*Quercus acutissima* Carruth. {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

*Quercus serrata* Murray {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

**Synopsis** ALEXEEV, 1989 [#64] (*Quercus*) (as *egorovi*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus serrata*; *Q. acutissima*)

***Agrilus adinocephalus* Curletti, 2005*****Leguminosae***

*Albizia adinocephala* (Donn. Sm.) Record {1}

CURLETTI, 2005 [#7579]

***Agrilus adlbaueri* Niehuis, 1987*****Fagaceae***

*Quercus* {1}

NIEHUIS & TEZCAN, 1993 [#1910]

**Remarks** *Agrilus adlbaueri* is related to the species developing in oaks such as *A. sulcicollis* and *A. angustulus*. *Quercus* is likely the larval host of this species, but larval host record is missing.

## ***Agrilus aeneocephalus* Fisher, 1928**

### ***Leguminosae***

*Acacia angustissima* (Mill.) Kuntze {1}

MACRAE & NELSON, 2003 [#5977]

*Mimosa* {1}

NELSON, 1965 [#1873]

*Mimosa dysocarpa* A. Gray {1}

MACRAE & NELSON, 2003 [#5977]

*Mimosa grahamii* A. Gray {1}

MACRAE & NELSON, 2003 [#5977]

**Synopsis** NELSON, 1965 [#1873] (*Mimosa*) – MACRAE & NELSON, 2003 [#5977] (*Mimosa grahamii*; *M. dysocarpa*; *Acacia angustissima*) – NELSON et al., 2008 [#8377] (*Acacia*; *Mimosa*)

**Remarks** *Agrilus aeneocephalus* develops likely in Leguminosae (*Acacia*, *Mimosa*) but the larval host record is missing.

## ***Agrilus aereus* Saunders, 1866**

**Synonyms** *perrieri* Baudon

### ***Pinaceae***

*Pinus* {1}

BAUDON, 1968 [#162] (as *perrieri*)

**Synopsis** BAUDON, 1968 [#162] (*Pinus*) (as *perrieri*) – JENDEK, 2013 [#9482] (*Pinus*) (as *perrieri*)

**Remarks** The record for *Pinus* is likely an accidental occurrence.

## ***Agrilus aerosus* Ganglbauer, 1889**

### ***Compositae***

*Ajania fruticulosa* (Ledeb.) Poljakov {1}

ALEXEEV & VOLKOVITSH, 1989 [#3241]



***Nitrariaceae****Nitraria* {1}

ALEXEEV, 1975 [#52] – ALEXEEV &amp; VOLKOVITSH, 1989 [#3241]

**Synopsis** ALEXEEV, 1975 [#52] (*Nitraria*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Nitraria*; *Ajania fruticulosa*)**Remarks** Mongolian records cited under this name likely refer to *A. przewalskii*.***Agrilus aethiops* Hespeneide, 1990*****Leguminosae****Acacia* {1}

HESPENHEIDE, 1990 [#1229]

***Agrilus affinis* Waterhouse, 1889*****Leguminosae****Acacia pennatula* (Schltdl. & Cham.) Benth. {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus alacris* Kerremans, 1896*****Solanaceae****Nicotiana* {0}

KERREMANS, 1896 [#1422]

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”)**Remarks** Accidental occurrence.***Agrilus alashanensis* Obenberger, 1936****Synonyms** *rozhkovi* Alexeev

## ***Leguminosae***

### *Caragana* {3}

ALEXEEV, 1964! [#3846] (as *rozhkovi*) – ALEXEEV, 1968! [#50] (as *rozhkovi*) –  
ALEXEEV, 1975! [#52] (as *rozhkovi*) – ALEXEEV & VOLKOVITSH, 1989 [#3241]

**Synopsis** ALEXEEV, 1964 [#3846] (*Caragana*) (as *rozhkovi*) – ALEXEEV, 1968 [#50] (*Caragana*) (as *rozhkovi*) – ALEXEEV, 1975 [#52] (*Caragana*) (as *rozhkovi*) – ALEXEEV, 1989 [#64] (*Caragana*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Caragana*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Caragana*)

## ***Agrilus albizziae* Fisher, 1935**

### ***Anacardiaceae***

#### *Buchanania vitiensis* Engl. {3}

FISHER, 1935! [#995] (as *Buchanania florida* Schauer)

## ***Leguminosae***

### *Acacia gageana* Craib {3}

BEESON, 1941! [#178]

### *Albizia* {3}

FISHER, 1935! [#995]

### *Albizia lebbek* (L.) Benth. {3}

BEESON, 1941! [#178]

**Synopsis** FISHER, 1935 [#995] (*Albizzia*, *Buchania florida*) – BEESON, 1941 [#178] (*Acacia gageana*; *Albizzia lebek*) (biology)

## ***Agrilus albocomus* Fisher, 1928**

### ***Anacardiaceae***

#### *Rhus glabra* L. {1}

FISHER, 1928 [#980]

**Fagaceae**

*Quercus emoryi* Torr. {3}

MACRAE, 2006! [#7542]

*Quercus gambelii* Nutt. {2}

FISHER, 1928 [#980]

*Quercus grisea* Liebm. {3}

MACRAE, 2006! [#7542]

**Synopsis** FISHER, 1928 [#980] (*Quercus utahensis*; *Q. gambelii*; *Rhus glabra*) – MACRAE, 2006 [#7542] (*Quercus grisea*; *Q. emoryi*) – NELSON et al., 2008 [#8377] (*Quercus*; *Rhus*)

***Agrilus albogularis albogularis* Gory, 1841****Amaranthaceae**

*Krascheninnikovia ceratoides* (L.) Gueldenst. {1}

LINDEMAN & TURUNDAEVSKAYA, 1975! [#3478] (as *Eurotia ceratoides* (L.) Hook.)

**Compositae**

*Artemisia* {3}

RIKHTER, 1945 [#3507] – VOLKOVITSH & ALEXEEV, 1994! [#2974] – SIMANDL, 2002 [#6581] – KADYRBEKOV & TLEPPAEVA, 2004! [#7277] – TLEPPAEVA & ISHKOV, 2004 [#7211] – TLEPPAEVA, 2013! [#9532]

*Artemisia absinthium* L. {2}

TLEPPAEVA, 1999 [#6551] – TLEPPAEVA, 2008! [#9044]

*Artemisia campestris* L. {3}

REDTENBACHER, 1874 [#3784] – ALTUM, 1881! [#4896] – ALEXEEV, 1957 [#3226] – ALEXEEV, 1959 [#3229] – ALEXEEV, 1961! [#3243] – ZAGAIKEVICH, 1962! [#3249] – RIKHTER & ALEXEEV, 1965! [#2522] – ALEXEEV, 1981! [#61] – WEIDLICH, 1989 [#6165] – BÍLÝ, 1999 [#4478] – BÍLÝ, 2002 [#5877] – MUSKOVITS & HEGYESSY, 2002 [#5806]

*Artemisia campestris* ssp. *glutinosa* (Besser) Batt. {3}

BÍLÝ, 2002 [#5877] (as *Artemisia glutinosa* Besser)

*Artemisia dracunculus* var. *glauca* (Pall. ex Willd.) H. M. Hall {2}

SERKOVA, 1958 [#8658] (as *Artemisia glauca* Pall. ex Willd.)

*Artemisia marschalliana* Spreng. {2}

KADYRBEKOV et al., 2003 [#7318]

*Artemisia vulgaris* L. {3}

TLEPPAEVA, 1999 [#6551] – TLEPPAEVA, 2008! [#9044]

**Leguminosae***Dorycnium* {0}

FRANZ, 1974 [#4334]

*Spartium junceum* L. {0}

REY, 1891 [#3666]

**Tamaricaceae***Tamarix* {0}

TLEPPAEVA, 2012 [#9635]

**Synopsis** REDTENBACHER, 1874 [#3784] (*Artemisia campestris*) – REY, 1891 [#3666] (*Spartium junceum*) – RIKHTER, 1945 [#3507] (*Artemisia*) – ALEXEEV, 1957 [#3226] (*Artemisia campestris*) – SERKOVA, 1958 [#8658] (*Artemisia glauca*) – ALEXEEV, 1959 [#3229] (*Artemisia campestris*) – ALEXEEV, 1961 [#3243] (*Artemisia campestris*) – ZAGAIKEVICH, 1962 [#3249] (*Artemisia campestris*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Artemisia campestris*) – GOTTWALD, 1968 [#1114] (*Artemisia campestris*) – KOSTIN, 1973 [#3693] (*Artemisia*) – FRANZ, 1974 [#4334] (*Dorycnium*) – LINDEMAN & TURUNDAEVSKAYA, 1975 [#3478] (*Eurotia ceratoides*) (biology) – ALEXEEV, 1981 [#61] (*Artemisia campestris*) – GOBBI, 1986 [#1100] (*Artemisia*) – WEIDLICH, 1989 [#6165] (*Artemisia campestris*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Artemisia*) – BÍLÝ, 1999 [#4478] (*Artemisia campestris*) – TLEPPAEVA, 1999 [#6551] (*Artemisia vulgaris*; *A. absinthium*) – BÍLÝ, 2002 [#5877] (*Artemisia campestris*; *A. glutinosa*) (biology) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Artemisia campestris*) – SIMANDL, 2002 [#6581] (*Artemisia*) – KADYRBEKOV et al., 2003 [#7318] (*Artemisia marshalliana*) – YANYTSKY, 2003 [#9052] (*Artemisia*) – KADYRBEKOV & TLEPPAEVA, 2004 [#7277] (*Artemisia*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Artemisia*) – TLEPPAEVA, 2008 [#9044] (*Artemisia vulgaris*; *A. absinthium*) – TLEPPAEVA, 2012 [#9635] (*Tamarix*) – TLEPPAEVA, 2013 [#9532] (*Artemisia*)

**Remarks** The larva develops in *Artemisia* (Compositae). Record for *Krascheninnikovia* refers likely to *A. richteri*. Records for Leguminosae (*Dorycnium*, *Spartium*) and Tamaricaceae (*Tamarix*) are likely misidentifications.

**Agrilus albogularis artemisiae Brisout, 1863****Compositae***Artemisia* {3}

MARSEUL, 1866 [#676] – BAUDUER, 1878 [#165] – XAMBEU, 1898! [#9615] – MAYET, 1904 [#6062] – CHABAUT, 1905 [#9612]

*Artemisia absinthium* L. {3}

SCHAEFER, 1937 [#3280] – SCHAEFER, 1949! [#2565]

*Artemisia campestris* L. {3}

PIC, 1909 [#5295] – SCHAEFER, 1933 [#7497] – SCHAEFER, 1937! [#3280] – SCHAEFER, 1949 [#3285] – SCHAEFER, 1949! [#2565] – SCHAEFER, 1951 [#3283] – SCHAEFER, 1972! [#2579]

*Artemisia campestris* ssp. *glutinosa* (Besser) Batt. {3}

SCHAEFER, 1949! [#2565] (as *Artemisia glutinosa* Besser) – SCHAEFER, 1972! [#2579] (as *Artemisia glutinosa* Besser)

*Artemisia vulgaris* L. {3}

SCHAEFER, 1949! [#2565]

**Synopsis** MARSEUL, 1866 [#676] (*Artemisia*) – BAUDUER, 1878 [#165] (*Artemisia*) – BAUDUER, 1883 [#5143] (*Artemisia*) – XAMBEU, 1898 [#9615] (*Artemisia*) (biology) – MAYET, 1904 [#6062] (*Artemisia*) – CHOBAUT, 1905 [#9612] (*Artemisia*) – PIC, 1909 [#5295] (*Artemisia campestris*) – CALLLOL, 1913 [#4053] (*Artemisia*) (biology) – SCHAEFER, 1937 [#3280] (*Artemisia absinthium*; *A. campestris*) (biology) – SCHAEFER, 1949 [#2565] (*Artemisia campestris*; *A. glutinosa*; *A. absinthium*; *A. vulgaris*) (biology) – SCHAEFER, 1949 [#3285] (*Artemisia campestris*) – SCHAEFER, 1951 [#3283] (*Artemisia campestris*) – SCHAEFER, 1963 [#3591] (*Artemisia campestris*; *A. glutinosa*) – SCHAEFER, 1972 [#2579] (*Artemisia campestris*; *A. glutinosa*) – CURLETTI, 1994 [#658] (*Artemisia*) – CROVATO & IZZILLO, 1995 [#3791] (*Artemisia*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Artemisia campestris*) – PAULIAN, 2005 [#7123] (*Artemisia campestris*) – VERDUGO PAÉZ, 2005 [#7256] (*Artemisia*)

***Agrilus albogularis dalmatinus* Obenberger, 1937*****Compositae****Artemisia* {3}

CURLETTI, 1994 [#658]

***Agrilus albomarginatus* Fiori, 1906*****Leguminosae****Genista aetnensis* (Biv.) DC. {3}

SPARACIO, 1997! [#4837]

*Spartium junceum* L. {3}

FIORI, 1906 [#957] – CURLETTI, 1983! [#646] – MAGNANI, 1992 [#3208]

**Synopsis** FIORI, 1906 [#957] (*Spartium junceum*) – SCHAUFUSS, 1911 [#5282] (*Spartium junceum*) – CURLETTI, 1983 [#646] (*Spartium junceum*) – GOBBI, 1986 [#1100] (*Spartium junceum*) – MAGNANI, 1992 [#3208] (*Spartium junceum*) (biology) – MAGNANI et al., 1992 [#1767] (*Spartium junceum*) – SPARACIO, 1997 [#4837] (*Genista aetnensis*) (biology) – SPARACIO, 1999 [#5142] (*Spartium junceum*; *Genista aetnensis*)

## ***Agrilus alesii* Obenberger, 1935**

**Synonyms** *sacchari* Obenberger

### ***Rutaceae***

*Citrus* {3}

AKIYAMA & OHMOMO, 1997 [#4091] (as *sacchari*) – AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Citrus*) (as *sacchari*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Citrus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Citrus*) – JENDEK, 2013 [#9278] (*Citrus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Citrus*)

## ***Agrilus aliciae* Bellamy, 2005**

### ***Leguminosae***

*Haematoxylum brasiletto* H. Karst. {1}

BELLAMY, 2005 [#7262]

## ***Agrilus allisoni* Curletti, 2006**

### ***Lauraceae***

*Cryptocarya ledermannii* Teschner {1}

CURLETTI, 2006 [#7966]

***Agrilus amelanchieri* Knull, 1944*****Rosaceae***

*Amelanchier alnifolia* ssp. *florida* (Lindl.) Hultén {3}

NELSON & WESTCOTT, 1976 [#1861] (as *Amelanchier florida* Lindl.)

*Amelanchier sanguinea* var. *alnifolia* (Nutt.) P. Landry. {3}

BRIGHT, 1987 [#379] (misidentified as *arbuti*) (as *Amelanchier alnifolia* (Nutt.)

P. Landry.) – WESTCOTT, 1991 [#3085] (as *Amelanchier alnifolia* (Nutt.)

P. Landry.) – SCUDDER, 1994 [#9662] (as *Amelanchier alnifolia* (Nutt.) P. Landry.)

*Crataegus douglasii* Lindl. {1}

NELSON & WESTCOTT, 1976 [#1861]

*Pyrus canadensis* (L.) Farw. {3}

KNULL, 1944! [#1546] (as *Amelanchier canadensis* (L.) Medik.)

**Synopsis** KNULL, 1944 [#1546] (*Amelanchier canadensis*) – NELSON & WESTCOTT, 1976 [#1861] (*Amelanchier florida*; *Crataegus douglasii*) – WELLSO et al., 1976 [#3079] (*Amelanchier canadensis*) – BRIGHT, 1987 [#379] (*Amelanchier alnifolia*) – WESTCOTT, 1991 [#3085] (*Amelanchier alnifolia*) – DOWNIE & ARNETT, 1996 [#6170] (*Amelanchier canadensis*) – NELSON et al., 2008 [#8377] (*Amelanchier*; *Crataegus*) – PAIERO et al., 2012 [#9293] (*Amelanchier*)

**Remarks** *Agrilus amelanchieri* is indicated by Westcott (2005) as likely conspecific with *A. crataegi*.

***Agrilus andersoni* Hespenheide, 2008*****Santalaceae***

*Phoradendron nervosum* Oliv. {1}

HESPENHEIDE, 2008 [#8195]

***Agrilus andresi* Obenberger, 1920*****Leguminosae***

*Acacia* {3}

HALPERIN & ARGAMAN, 2000! [#5124] – CURLETTI & HARTEN, 2002 [#5770] –

VOLKOVITSH, 2004 [#7001]

*Acacia tortilis* (Forssk.) Hayne {3}

ANDRES, 1920 [#82] – OBERBERGER, 1920 [#2014] – ALFIERI, 1976 [#74]

**Synopsis** ANDRES, 1920 [#82] (*Acacia tortilis*) – OBENBERGER, 1920 [#2014] (*Acacia tortilis*) – ALFIERI, 1976 [#74] (*Acacia tortilis*) – FADL et al., 1992 [#4018] (*Acacia tortilis*) – CURLETTI, 1994 [#3256] (*Acacia tortilis*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Acacia*) – CURLETTI & HARTEN, 2002 [#5770] (*Acacia*) – VOLKOVITSH, 2004 [#7001] (*Acacia*)

## ***Agrilus angelicus* Horn, 1891**

### ***Fagaceae***

*Lithocarpus densiflorus* (Hook. & Arn.) Rehder {1}

NELSON et al., 2008! [#8377]

*Quercus* {3}

DOANE et al., 1936! [#7341] – MÜHLMANN, 1954! [#8152] – BROWN & EADS, 1965! [#9730] – NELSON & WESTCOTT, 1976 [#1861]

*Quercus agrifolia* Née {3}

BURKE, 1917! [#407] – BURKE, 1917! [#406] – ROHWER, 1919! [#7469] – BURKE, 1920! [#5194] – CHAMBERLIN, 1926! [#468]

*Quercus chrysolepis* Liebm. {3}

BURKE, 1920! [#5194] – CHAMBERLIN, 1926! [#468]

*Quercus densiflora* Hook. & Arn. {3}

BURKE, 1920! [#5194] – CHAMBERLIN, 1926! [#468]

*Quercus durata* Jeps. {3}

BURKE, 1920! [#5194] – CHAMBERLIN, 1926! [#468]

*Quercus engelmannii* Greene {3}

BURKE, 1920! [#5194] – CHAMBERLIN, 1926! [#468]

*Quercus kelloggii* Newb. {3}

BURKE, 1920! [#5194] (as *Quercus californica* (Torr.) Cooper) – CHAMBERLIN, 1926! [#468] (as *Quercus californica* (Torr.) Cooper)

*Quercus wislizeni* A. DC. {3}

BURKE, 1920! [#5194] – CHAMBERLIN, 1926! [#468]

**Synopsis** BURKE, 1917 [#407] (*Quercus agrifolia*) – BURKE, 1917 [#406] (*Quercus agrifolia*) (biology) – ROHWER, 1919 [#7469] (*Quercus agrifolia*) – BURKE, 1920 [#5194] (*Quercus agrifolia*; *Q. wislizeni*; *Q. durata*; *Q. chrysolepis*; *Q. engelmannii*; *Q. californica*; *Q. densiflora*) (biology) – FROST & WEISS, 1920 [#8210] (*Quercus agrifolia*) – CHAMBERLIN, 1926 [#468] (*Quercus agrifolia*; *Q. durata*; *Q. wislizeni*; *Q. chrysolepis*; *Q. engelmannii*; *Q. densiflora*; *Q. californica*) – FISHER, 1928 [#980] (*Quercus agrifolia*; *Q. wislizeni*; *Q. durata*; *Q. chrysolepis*; *Q. engelmannii*; *Q. kelloggii*; *Q. densiflora*) (biology) – FELT & RANKIN, 1932 [#9677] (*Quercus*) (biology) – DOANE et al., 1936 [#7341] (*Quercus*) (biology) – MÜHLMANN, 1954 [#8152] (*Quercus*) (biology) – BROWN & EADS, 1965 [#9730] (*Quercus*) (biology) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus*) – SOLOMON, 1995 [#7647] (*Quercus*)



(biology) – CRANSHAW, 2004 [#9681] (*Quercus*) (biology) – NELSON et al., 2008 [#8377] (*Lithocarpus densiflora*; *Quercus*) – HESPENHEIDE et al., 2011 [#9050] (*Quercus*; *Lithocarpus densiflorus*)

**Remarks** We failed to find the reference for *Lithocarpus* cited by Nelson et al. (2008) and subsequently by Hespeneide et al. (2011).

### ***Agrilus angustulus angustulus* (Illiger, 1803)**

**Synonyms** *laticornis* Gory & Laporte (unavailable); *rugicollis* Ratzeburg

### ***Betulaceae***

*Alnus glutinosa* (L.) Gaertn. {1}

GOBBI, 1986 [#1100]

*Betula* {1}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716]

*Betula pendula* Roth. {1}

NIEHUIS, 2004 [#6762]

*Carpinus* {1}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716]

*Carpinus betulus* L. {1}

NIEHUIS, 2004 [#6762]

*Corylus* {3}

WEST, 1840 [#8781] – GREDLER, 1863 [#4680] – SCHIÖDTE, 1864 [#2595] – BAUDUER, 1878 [#165] – PETRI, 1885 [#3910] – RAPP, 1934 [#8272] – PALM, 1959! [#9605] – PALM, 1962! [#3727]

*Corylus avellana* L. {3}

VOLKOVITSH, 1977 [#2985] – HELLRIGL, 1978! [#3442]

*Ostrya carpinifolia* Scop. {3}

HELLRIGL, 1978! [#3442] – GOBBI, 1986 [#1100]

### ***Compositae***

*Artemisia maritima* L. {0}

BABADJANIDES, 1917 [#3389]

### ***Cornaceae***

*Cornus sanguinea* L. {0}

MERKL, 1991 [#6564]

**Fagaceae***Castanea* {3}

RIKHTER, 1945 [#3507]

*Castanea sativa* Mill. {3}

PERRIS, 1877! [#3722] – XAMBEU, 1893! [#7788] – HELLRIGL, 1974! [#1207] – CONTARINI, 1983! [#621]

*Fagus* {3}RATZEBURG, 1839! [#3675] – RATZEBURG, 1844 [#8764] – ROSENHAUER, 1847 [#2532] (as *rugicollis*) – GREDLER, 1863 [#4680] – GREDLER, 1863 [#4680] (as *rugicollis*) – MARSEUL, 1866! [#676] – STIERLIN & GAUTARD, 1869 [#8271] – FAVRE & BUGNION, 1890 [#5593] – XAMBEU, 1893! [#7788] – HEB, 1900! [#8936] – CARPENTIER & DELABY, 1908 [#7378] – ESCHERICH, 1923! [#6717] – ABOT, 1928 [#8304] – RAPP, 1934 [#8272] – RIKHTER, 1945 [#3507] – GOBBI, 1971 [#1092] – NIEHUIS, 2004 [#6762]*Fagus sylvatica* L. {3}

TASSI, 1962 [#2677] – BRECHTEL &amp; KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004 [#6762]

*Quercus* {3}RATZEBURG, 1839 [#2499] – RATZEBURG, 1839! [#3675] – WEST, 1840 [#8781] – ROSENHAUER, 1842 [#8855] – RATZEBURG, 1844 [#8764] – BACH, 1852! [#8076] – ROGER, 1856 [#7468] – CALWER, 1858 [#8204] – PRELLER, 1862 [#8876] – GREDLER, 1863 [#4680] – KELLER, 1864 [#8984] – SCHIÖDTE, 1864 [#2595] – MARSEUL, 1866! [#676] – REITTER, 1870 [#4393] – HOCHHUTH, 1873 [#3453] – KLIKA, 1873 [#8199] – PERRIS, 1877! [#3722] – BAUDUER, 1878 [#165] – NÖRDLINGER, 1880! [#4432] – BREHM & KUNCKEL D'HERCULAI, 1882! [#9003] – KEPPE, 1882! [#8636] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCH, 1889! [#5686] – LETZNER, 1892 [#4469] – XAMBEU, 1893 [#7788] (as *laticornis*) – XAMBEU, 1893! [#7788] – HEB, 1900! [#8936] – CARPENTIER & DELABY, 1908 [#7378] – DAEHNE, 1912 [#3609] – AMMAN & KNABL, 1913 [#4898] – ESCHERICH, 1923! [#6717] – PASQUET, 1923 [#9002] – ABOT, 1928 [#8304] – GALIBERT, 1932 [#8312] – RAPP, 1934! [#8272] – RIKHTER, 1945 [#3507] – IL'INSKII, 1948! [#5670] – YABLOKOV KHNZORYAN, 1957! [#5612] – ALEXEEV, 1958! [#3982] – ALEXEEV, 1964! [#3847] – KHRAMCOV & PADII, 1965! [#8649] – SIMON, 1966 [#3266] – HELLRIGL, 1974! [#1207] – RUICANESCU, 1993 [#3257] – MORAL & HILSZCZANSKI, 2000! [#5131] – STUMPF et al., 2001! [#5788] – STUMPF et al., 2001 [#5788] (as *laticornis*) – SAKALIAN, 2003 [#5826] – NIEHUIS, 2004 [#6762] – NIKITSKII et al., 2008 [#8610] – KLETECKA, 2009! [#9165] – PROKHOROV, 2009 [#9353]*Quercus cerris* L. {3}

NOVAK, 1952 [#7830] – NOVAK, 1964 [#6567] – GOBBI, 1971! [#1092]

*Quercus coccifera* L. {3}

SCHAEFER, 1949! [#2565]

*Quercus dalechampii* Ten. {3}

ŠKORPÍK et al., 2011! [#9173]

*Quercus faginea* Lam. {2}

RECALDE IRURZUN &amp; SAN MARTÍN MORENO, 2003 [#6983]

*Quercus frainetto* Ten. {3}

SCHIMITSCHEK, 1944! [#3523] (as *Quercus conferta* Kit.)

*Quercus ilex* L. {2}

NOVAK, 1952 [#7830] – COBOS, 1955 [#3149] – NOVAK, 1964 [#6567] – SCHAEFER, 1964 [#2575] – NIEHUIS & TEZCAN, 1993 [#1910]

*Quercus macranthera* Fisch. & C. A. Mey. ex Hohen. {3}

KALASHIAN, 1984! [#1364]

*Quercus petraea* (Matt.) Liebl. {3}

BRECHTEL & KOSTENBADER, 2002! [#5766] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Quercus pubescens* Willd. {3}

SCHAEFER, 1949! [#2565] – FRANZ, 1974 [#4334] – HELLRIGL, 1978! [#3442] – WEIDLICH, 1989 [#6165]

*Quercus robur* L. {3}

BEDEL, 1921! [#170] – SCHAEFER, 1949! [#2565] – ZAKHAROV & LEVKOVICH, 1951! [#8638] – BRECHTEL & KOSTENBADER, 2002! [#5766] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – ERMOLEV & VASIL'EV, 2013! [#9640] – VOLODCHENKO, 2013! [#9639]

*Quercus rotundifolia* Lam. {2}

RECALDE IRURZUN & SAN MARTÍN MORENO, 2003 [#6983]

*Quercus rubra* L. {3}

BRECHTEL & KOSTENBADER, 2002! [#5766] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Quercus suber* L. {3}

BEDEL, 1921! [#170] – SCHAEFER, 1949! [#2565]

***Juglandaceae****Juglans regia* L. {0}

GOBBI, 1986 [#1100] – WEIDLICH, 1989 [#6165]

***Pinaceae****Abies alba* Mill. {0}

JUNG, 1896 [#9746] (as *Pinus picea* L.) – DAEHNE, 1912 [#3609] (as *Pinus picea* L.)

***Rosaceae****Crataegus* {0}

SIMON, 1966 [#3266]

*Prunus avium* (L.) L. {0}

NIEHUIS, 2004 [#6762]

*Pyrus communis* L. {0}

WEIDLICH, 1989 [#6165]

*Pyrus malus* L. {0}

NOVAK, 1952 [#7830]

*Rosa* {0}

HEYDEN, 1877 [#8479]

*Rosa rubiginosa* L. {0}

XAMBEU, 1893! [#7788] (as *laticornis*)

*Rosa spinosissima* L. {0}

XAMBEU, 1893! [#7788] (as *laticornis*) (as *Rosa pimpinellifolia* L.)

*Rubus* {0}

DELHERM DE LARZENNE, 1885 [#3924] – RAPP, 1934 [#8272]

*Rubus caesius* L. {0}

PJATAKOWA, 1930 [#8320]

*Sorbus aucuparia* L. {0}

GUTOWSKI & MILKOWSKI, 2008! [#8244]

## ***Salicaceae***

*Populus* {0}

HEYDEN, 1877 [#8479] – LORIFERNE & POULAIN, 1888 [#8767] – RUICANESCU, 1993 [#3257] – NIEHUIS, 2004 [#6762]

*Populus tremula* L. {0}

FOURNEL & GÉHIN, 1846 [#4383]

## ***Sapindaceae***

*Acer* {0}

BAUDUER, 1878 [#165] – NIEHUIS, 2004 [#6762]

## ***Ulmaceae***

*Ulmus campestris* L. {0}

GOBBI, 1986 [#1100]

*Ulmus minor* Mill. {0}

WEIDLICH, 1989 [#6165]

**Vitaceae***Vitis* {0}

CHAFFANJON, 1876 [#8934] – CHAFFANJON, 1878! [#4652]

**Synopsis** RATZEBURG, 1837 [#2498] (?*Fagus*) – RATZEBURG, 1839 [#2499] (*Quercus*) (biology) – RATZEBURG, 1839 [#3675] (*Quercus*; *Fagus*) – WEST, 1840 [#8781] (*Quercus*; *Corylus*) – ROSENHAUER, 1842 [#8855] (*Quercus*) – RATZEBURG, 1844 [#8764] (*Fagus*; *Quercus*) – FOURNEL & GÉHIN, 1846 [#4383] (*Populus tremula*) – ROSENHAUER, 1847 [#2532] (*Fagus*) (as *rugicollis*) – BACH, 1852 [#8076] (*Quercus*) – ROGER, 1856 [#7468] (*Quercus*) – CALWER, 1858 [#8204] (*Quercus*) – PRELLER, 1862 [#8876] (*Quercus*) – GREDLER, 1863 [#4680] (*Fagus*) (as *rugicollis*) – GREDLER, 1863 [#4680] (*Fagus*; *Quercus*; *Corylus*) – KELLER, 1864 [#8984] (*Quercus*) – SCHIÖDTE, 1864 [#2595] (*Corylus*; *Quercus*) – MARSEUL, 1866 [#676] (*Fagus*; *Quercus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Fagus*) – REITTER, 1870 [#4393] (*Quercus*) – HOCHHUTH, 1873 [#3453] (*Quercus*) – KLIKA, 1873 [#8199] (*Quercus*) – KALTENBACH, 1874 [#8154] (*Fagus*; *Quercus*) – CHAFFANJON, 1876 [#8934] (*Vitis*) – HEYDEN, 1877 [#5716] (*Betula*; *Carpinus*) – HEYDEN, 1877 [#8479] (*Betula*; *Carpinus*; *Populus*; *Rose*) (biology) – PERRIS, 1877 [#3722] (*Quercus*; *Castanea sativa*) (biology) – BAUDUER, 1878 [#165] (*Corylus*; *Quercus*; *Acer*) – CHAFFANJON, 1878 [#4652] (*Vitis*) – GOBERT, 1878 [#5294] (*Quercus*; *Rubus*) – GOBERT, 1878 [#5294] (*Quercus*) (as *rugicollis*) – NÖRDLINGER, 1880 [#4432] (*Quercus*) (biology) – BREHM & KUNCKEL D'HERCULAI, 1882 [#9003] (*Quercus*) – KEPPE, 1882 [#8636] (*Quercus*) – BAUDUER, 1883 [#5143] (*Corylus*; *Quercus*; *Fagus*; *Acer*; *Populus*; *Betula*) – JÄGER, 1884 [#5594] (*Quercus*) – NÖRDLINGER, 1884 [#8879] (*Quercus*) (biology) – DELHERM DE LARZENNE, 1885 [#3924] (*Rubus*) – PETRI, 1885 [#3910] (*Corylus*) – LUDWIG, 1886 [#8972] (*Fagus*; *Quercus*) (biology) – LORIFERNE & POULAIN, 1888 [#8767] (*Populus*) – JUDEICH & NITSCH, 1889 [#5686] (*Quercus*) (biology) – FAVRE & BUGNION, 1890 [#5593] (*Fagus*) – LETZNER, 1892 [#4469] (*Quercus*) – STIERLIN, 1893 [#7652] (*Quercus*) – XAMBEU, 1893 [#7788] (*Rosa pimpinellifolia*; *R. rubiginosa*; *Quercus*) (as *laticornis*) (biology) – XAMBEU, 1893 [#7788] (*Quercus*; *Fagus*; *Castanea sativa*) (biology) – JUDEICH & NITSCH, 1895 [#8987] (*Quercus*) – FLEISCHER, 1896 [#9745] (*Quercus*) – JUNG, 1896 [#9746] (*Pinus picea*) – HEB, 1900 [#8936] (*Quercus*; *Fagus*) (biology) – CARPENTIER & DELABY, 1908 [#7378] (*Quercus*; *Fagus*) – DAEHNE, 1912 [#3609] (*Pinus picea*; *Quercus*) – AMMAN & KNABL, 1913 [#4898] (*Quercus*) – CAILLOL, 1913 [#4053] (*Quercus*; *Castanea*; *Fagus*; *Vitis*; *Rubus*; *Salix*; *Corylus*; *Acer*; *Populus*; *Betula*) (biology) – PÉNEAU, 1913 [#5270] (*Vitis*) – BABADIANIDES, 1917 [#3389] (*Artemisia maritima*) – PIERCE, 1917 [#6667] (*Fagus*; *Corylus*; *Quercus*) – BEDEL, 1921 [#170] (*Quercus robur*; *Q. suber*; *Castanea vulgaris*; *Betula alba*) (biology) – ESCHERICH, 1923 [#6717] (*Quercus*; *Fagus*) (biology) – PASQUET, 1923 [#9002] (*Quercus*) – ABOT, 1928 [#8304] (*Quercus*; *Fagus*) – PJATAKOWA, 1930 [#8320] (*Rubus calsius*) – GALIBERT, 1932 [#8312] (*Quercus*) – GEBHARDT, 1932 [#6951] (*Quercus*; *Fagus*) – RAPP, 1934 [#8272] (*Quercus*; *Corylus*; *Fagus*; *Rubus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – POMERANCEV, 1938 [#4977] (*Quercus*) (biology) – SCHIMITSCHEK, 1944 [#3523] (*Quercus conferta*) (biology) – RIKHTER, 1945

[#3507] (*Quercus; Fagus; Castanea*) – IL'INSKIJ, 1948 [#5670] (*Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus robur; Q. pubescens; Q. ilex; Q. suber; Q. cerris; Q. coccifera; Fagus; Castanea; Betula*) (biology) – SCHAEFER, 1949 [#3285] (*Quercus*) – ZAKHAROV & LEVKOVICH, 1951 [#8638] (*Quercus robur*) – NOVAK, 1952 [#7830] (*Quercus cerris; Q. ilex; Pyrus malus*) – MÜHLMANN, 1954 [#8152] (*Quercus; Fagus*) – COBOS, 1955 [#3149] (*Quercus ilex*) – HORION, 1955 [#1285] (*Quercus*) (biology) – TER MINASYAN, 1955 [#7893] (*Quercus; Fagus; Castanea*) – YABLOKOV KHNZORYAN, 1957 [#5612] (*Quercus*) – ALEXEEV, 1958 [#3982] (*Quercus*) – PALM, 1959 [#9605] (*Corylus*) (biology) – FAVARD, 1962 [#9680] (*Quercus ilex*) – IL'INSKIJ, 1962 [#8685] (*Quercus*) – PALM, 1962 [#3727] (*Corylus*) (biology) – TASSI, 1962 [#2677] (*Fagus sylvatica*) – ZAGAIKEVICH, 1962 [#3249] (*Quercus; Fagus; Aesculus*) (biology) – ALEXEEV, 1964 [#3847] (*Quercus*) – NOVAK, 1964 [#6567] (*Quercus cerris; Quercus ilex*) – SCHAEFER, 1964 [#2575] (*Quercus ilex*) – KHRAMCOV & PADII, 1965 [#8649] (*Quercus*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus; Fagus; Castanea*) – SIMON, 1966 [#3266] (*Crataegus; Quercus*) – GOBBI, 1971 [#1092] (*Quercus cerris; Q. pedunculata; Fagus*) – FRANZ, 1974 [#4334] (*Quercus pubescens*) (biology) – GURYEVA, 1974 [#5428] (*Quercus; Fagus; Castanea*) – HELLRIGL, 1974 [#1207] (*Quercus; Castanea sativa*) – KRYUKOVA & TEREKOVA, 1974 [#8643] (*Quercus*) – VOLKOVITSH, 1977 [#2985] (*Quercus; Corylus avellana*) – HELLRIGL, 1978 [#3442] (*Quercus; Castanea; Fagus; Carpinus; Ostrya; Corylus*) (biology) – ALEXEEV, 1981 [#61] (*Quercus; Castanea; Corylus*) – BÍLÝ, 1982 [#295] (*Quercus; Fagus; Carpinus; Corylus; Castanea*) (biology) – CONTARINI, 1983 [#621] (*Castanea sativa*) – KALASHIAN, 1984 [#1364] (*Quercus macranthera*) – GOBBI, 1986 [#1100] (*Ostrya carpinifolia; Ulmus campestris; Alnus glutinosa; Juglans regia*) (biology) – NIEHUIS, 1988 [#1912] (*Quercus*) (biology) – WEIDLICH, 1989 [#6165] (*Quercus; Ulmus minor; Juglans regia; Pyrus communis*) – MERKL, 1991 [#6564] (*Cornus sanguinea*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Quercus ilex*) – RUICANESCU, 1993 [#3257] (*Populus; Quercus*) – JAMES, 1994 [#4280] (*Quercus*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) – BÍLÝ, 1999 [#4478] (*Quercus*) – MORAAL & HILSZCZANSKI, 2000 [#5131] (*Quercus*) (biology) – STUMPF et al., 2001 [#5788] (*Quercus*) (as *laticornis*) – STUMPF et al., 2001 [#5788] (*Quercus; Fagus*) – BÍLÝ, 2002 [#5877] (*Carpinus; Castanea; Fagus; Ostrya; Quercus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus petraea; Quercus robur; Quercus rubra; Fagus sylvatica*) (biology) – HASTIR & GASPAS, 2002 [#6211] (*Quercus; Fagus; Carpinus; Corylus; Castanea*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Castanea*) – RECALDE IRURZUN & SAN MARTÍN MORENO, 2003 [#6983] (*Quercus rotundifolia; Q. faginea*) – SAKALIAN, 2003 [#5826] (*Quercus*) – YANYTSKY, 2003 [#9052] (*Quercus; Carpinus*) – NIEHUIS, 2004 [#6762] (*Quercus; Fagus; Carpinus; Betula; Acer; Populus*) (biology) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Quercus; Fagus; Castanea*) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus*) – MÜHLE, 2007 [#8787] (*Quercus*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Sorbus aucuparia*) – NIKITSKII et al., 2008 [#8610] (*Quercus*) (biology) – KLETECKA, 2009 [#9165] (*Quercus*) – PROKHOROV, 2009 [#9353] (*Quercus*) – ŠKORPÍK et al., 2011 [#9173] (*Quercus delechampii*) (biology) – ERMOLEV & VASIL'EV, 2013 [#9640] (*Quercus robur*) – VOLODCHENKO, 2013 [#9639] (*Quercus robur*)

**Remarks** Fagaceae (*Quercus*, *Castanea*, *Fagus*) are verified larval host with *Quercus* as a primary one. *Agrilus angustulus* develops occasionally also in Betulaceae (*Corylus*, *Ostrya*). Records for another Betulaceae (*Betula* and *Carpinus*) need verification. Host plants from other families like Compositae, Cornaceae, Juglandaceae, Pinaceae, Rosaceae, Salicaceae, Sapindaceae, Ulmaceae and Vitaceae are very unlikely.

### ***Agrilus angustulus bicoloratus* Abeille de Perrin, 1894**

#### ***Fagaceae***

*Quercus* {3}

THÉRY, 1930! [#2754]

*Quercus canariensis* Willd. {2}

PEYERIMHOFF, 1919 [#4139] (as *Quercus mirbeckii* Durieu)

**Synopsis** PEYERIMHOFF, 1919 [#4139] (*Quercus mirbeckii*) – THÉRY, 1930 [#2754] (*Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus mirbeckii*)

### ***Agrilus antennalis* Descarpentries, 1959**

#### ***Leguminosae***

*Albizia gummifera* (J. F. Gmel.) C. A. Sm. {3}

DESCARPENTRIES, 1959! [#727]

### ***Agrilus anthaxioides* Hespeneide, 2009**

#### ***Cannabaceae***

*Celtis* {1}

HESPENHEIDE, 2009 [#9314]

#### ***Leguminosae***

*Acacia* {1}

HESPENHEIDE, 2009 [#9314]

*Cassia* {1}

HESPENHEIDE, 2009 [#9314]

*Senna wislizeni* (A. Gray) H. S. Irwin & Barneby {1}  
HESPENHEIDE, 2009 [#9314]

## ***Agrilus antiquus antiquus* Mulsant & Rey, 1863**

**Synonyms** *hemicolor* Schaefer (unavailable); *linderi* Marseul; *oxygonus* Abeille de Perrin; *pruinosulus* Abeille de Perrin

### ***Leguminosae***

*Calicotome spinosa* (L.) Link {3}

REY, 1891! [#3666] (as *linderi*) – SCHAEFER, 1949! [#2565] – SCHAEFER, 1972! [#2579]

*Cytisus scoparius* (L.) Link {3}

CAILLOL, 1913 [#4053] (as *pruinosulus*) (as *Sarothamnus scoparius* (L.) W. D. J. Koch) – SCHAEFER, 1949! [#2565] (as *oxygonus*) (as *Sarothamnus scoparius* (L.) W. D. J. Koch) – SCHAEFER, 1972! [#2579] (as *oxygonus*) (as *Sarothamnus scoparius* (L.) W. D. J. Koch)

*Cytisus triflorus* Lam. {2}

SCHAEFER, 1949 [#2565] (as *oxygonus*)

*Genista* {3}

ABEILLE DE PERRIN, 1897 [#19] (as *pruinosulus*)

*Genista cinerea* (Vill.) DC. {3}

SCHAEFER & VEYRET, 1936 [#3279] (as *linderi*) – SCHAEFER, 1949! [#2565] (as *oxygonus*) – SCHAEFER, 1955 [#2572] (as *oxygonus*) – SCHAEFER, 1972! [#2579] (as *oxygonus*)

*Genista hispanica* L. {3}

BÉTIS, 1908 [#8013] (as *pruinosulus*) – BOISSY, 1910 [#4494] (as *pruinosulus*) – CAILLOL, 1913 [#4053] (as *pruinosulus*) – SCHAEFER, 1949! [#2565] – SCHAEFER, 1972! [#2579]

*Genista scorpius* (L.) DC. {3}

SCHAEFER, 1937 [#3570] (as *hemicolor*) – SCHAEFER, 1949! [#2565] – SCHAEFER, 1953 [#3600] – SCHAEFER, 1955 [#2572] – SCHAEFER, 1972! [#2579]

*Genista tinctoria* L. {3}

SCHAEFER, 1949! [#2565] (as *oxygonus*) – ZAGAIKEVICH, 1962! [#3249] – SCHAEFER, 1972! [#2579] (as *oxygonus*)

*Retama sphaerocarpa* (L.) Boiss. {1}

MURRIA BELTRÁN, 1998 [#4719]

*Ulex* {1}

BAUDUER, 1878 [#165]



**Rosaceae**

*Malus domestica* Borkh. {0}

BAUDUER, 1878 [#165] (as *linderi*)

*Malus sylvestris* Mill. {0}

GOBERT, 1878 [#5294] (as *linderi*) – DELHERM DE LARCENNE, 1885 [#3924] (as *linderi*)

**Synopsis** BAUDUER, 1878 [#165] (*Malus*) (as *linderi*) – BAUDUER, 1878 [#165] (*Ulex*) – GOBERT, 1878 [#5294] (*Malus sylvestris*) (as *linderi*) – BAUDUER, 1883 [#5143] (*Malus*) (as *linderi*) – BAUDUER, 1883 [#5143] (*Ulex*) – DELHERM DE LARCENNE, 1885 [#3924] (*Malus sylvestris*) (as *linderi*) – REY, 1891 [#3666] (*Calycotome spinosa*) (as *linderi*) – ABEILLE DE PERRIN, 1897 [#19] (*Genista*) (as *pruinosulus*) – BÉTIS, 1908 [#8013] (*Genista hispanica*) (as *pruinosulus*) – BOISSY, 1910 [#4494] (*Genista hispanica*) (as *pruinosulus*) – CAILLOL, 1913 [#4053] (*Calycotome spinosa*) (as *linderi*) – CAILLOL, 1913 [#4053] (*Genista hispanica*; *Sarothamnus scoparius*) (as *pruinosulus*) – SAINTE CLAIRE, 1935 [#8551] (*Genista*) (as *linderi*) – SAINTE CLAIRE, 1935 [#8551] (*Genista*) (as *pruinosulus*) – SCHAEFER & VEYRET, 1936 [#3279] (*Genista cinerea*) (as *linderi*) – SCHAEFER, 1937 [#3570] (*Genista scorpius*) (as *hemicolor*) – SCHAEFER, 1949 [#2565] (*Genista cinerea*; *Sarothamnus scoparius*) (as *oxygonus*) (biology) – SCHAEFER, 1949 [#2565] (*Genista scorpius*; *G. hispanica*; *Calycotome spinosa*) (biology) – SCHAEFER, 1953 [#3600] (*Genista scorpius*) – SCHAEFER, 1955 [#2572] (*Genista scorpius*) – SCHAEFER, 1955 [#2572] (*Genista cinera*) (as *oxygonus*) – ALEXEEV, 1959 [#3229] (*Cytisus*; *Genista*) – ZAGAIKEVICH, 1962 [#3249] (*Genista tinctoria*) (biology) – SCHAEFER, 1963 [#3591] (*Sarothamnus*) (as *oxygonus*) – SCHAEFER, 1963 [#3591] (*Genista scorpius*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Cytisus*) – SCHAEFER, 1972 [#2579] (*Genista scorpius*; *G. hispanica*; *Calycotome spinosa*) – SCHAEFER, 1972 [#2579] (*Genista cinerea*; *G. tinctoria*; *Sarothamnus scoparius*) (as *oxygonus*) – HELLRIGL, 1974 [#1207] (*Cytisus*; *Sarothamnus*) – CURLETTI, 1983 [#646] (*Genista scorpius*; *G. hispanica*; *G. tinctoria*; *Calycotome spinosa*) – GOBBI, 1983 [#1098] (*Cytisus scoparius*) – GOBBI, 1986 [#1100] (*Calycotome*; *Genista*) – MAGNANI, 1992 [#3208] (*Cytisus scoparius*) – CURLETTI, 1994 [#658] (*Genista cinerea*) (as *oxygonus*) – CURLETTI, 1994 [#658] (*Calycotome spinosa*; *Genista*) – MURRIA BELTRÁN, 1998 [#4719] (*Retama sphaerocarpa*) – MÜHLE et al., 2000 [#4970] (*Genista*; *Calycotome spinosa*) – BÍLY, 2002 [#5877] (*Cytisus*; *Genista*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Genista*; *Calycotome*; *Cytisus*; *Sarothamnus*) (as *oxygonus*)

**Remarks** The larva develops in Leguminosae. Except for proven plants from genera *Calycotome*, *Cytisus*, *Genista*, it is cited also from *Retama* and *Ulex*, which needs verification. Records from Rosaceae are false.

## ***Agrilus antiquus croaticus* Abeille de Perrin, 1897**

**Synonyms** *curtii* Obenberger

### ***Leguminosae***

*Cytisophyllum sessilifolium* (L.) O. Lang {2}

GOBBI, 1986 [#1100] (as *Cytisus sessilifolius* L.)

*Cytisus* {3}

GOBBI, 1983 [#1098]

*Cytisus austriacus* L. {3}

KLETECKA, 2009 [#9165] (as *Chamaecytisus austriacus* (L.)) – ŠKORPÍK et al., 2011 [#9173] (as *Chamaecytisus austriacus* (L.))

*Cytisus scoparius* (L.) Link {3}

KUBÁŇ, 1979! [#3473] (as *curtii*) (as *Sarothamnus vulgaris* Wimm.)

*Genista* {3}

KLETECKA, 2009 [#9165]

*Genista tinctoria* L. {3}

BREGANT et al., 1999 [#5822] (as *curtii*)

*Lembotropis nigricans* (L.) Griseb. {2}

BREGANT et al., 1999 [#5822] (as *curtii*) (as *Cytisus nigricans* L.)

**Synopsis** HORION, 1955 [#1285] (*Genista*) (as *curtii*) – ALEXEEV, 1959 [#3229] (*Cytisus*; *Genista*) – GOTTWALD, 1968 [#1114] (*Genista*) (as *curtii*) – KUBÁŇ, 1979 [#3473] (*Sarothamnus vulgaris*) (as *curtii*) (biology) – GOBBI, 1983 [#1098] (*Cytisus*) – GOBBI, 1986 [#1100] (*Cytisus sessilifolius*) – CURLETTI, 1994 [#658] (*Genista tinctoria*) – BREGANT et al., 1999 [#5822] (*Cytisus nigricans*; *Genista tinctoria*) (as *curtii*) – SPARACIO, 1999 [#5142] (*Cytisus villosus*) – MÜHLE et al., 2000 [#4970] (*Sarothamnus*) – BÍLÝ, 2002 [#5877] (*Sarothamnus scoparius*; *Cytisus*; *Genista*; *Ononis*) (as *curtii*) (biology) – BÍLÝ, 2002 [#5877] (*Genista*) – IZZILLO et al., 2002 [#6897] (*Cytisus scoparius*) – KLETECKA, 2009 [#9165] (*Cytisus scoparius*; *Genista*; *Chamaecytisus austriacus*) (biology) – ŠKORPÍK et al., 2011 [#9173] (*Cytisus scoparius*; *Chamaecytisus austriacus*) (biology)

## ***Agrilus anxius* Gory, 1841**

**Synonyms** *gravis* LeConte; *torpidus* LeConte

**Betulaceae***Betula* {3}

FELT, 1900! [#8214] – FELT, 1901! [#8216] – LOCKHEAD, 1903! [#6020] – FELT, 1905! [#8224] – GIBSON, 1910! [#5356] – ANONYMOUS, 1914! [#9750] – BLACKMAN & ELLIS, 1915! [#5011] – FELT, 1918! [#9544] – MUTCHLER & WEISS, 1922! [#1858] – DECKER, 1933! [#9647] – BALCH & PREBBLE, 1940! [#5400] – DODGE & RICKETT, 1943! [#7342] – MÜHLMANN, 1954! [#8152] – BARTER, 1957! [#138] – NELSON & WESTCOTT, 1976! [#1861] – MARTINEAU, 1984! [#9683] – MARTINEAU, 1985! [#9679] – IVES & WONG, 1988! [#9678] – AKERS & NIELSEN, 1990! [#4874] – WESTCOTT, 1991! [#3085] – KATOVICH et al., 2000! [#6740] – CRANSHAW, 2004! [#9681]

*Betula alleghaniensis* Britton {3}

SLINGERLAND, 1906! [#7616] (as *Betula lutea* F. Michx.) – FISHER, 1928! [#980] (as *Betula lutea* F. Michx.) – BARTER & BROWN, 1949! [#137] (as *Betula lutea* F. Michx.)

*Betula lenta* L. {3}

SLINGERLAND, 1906! [#7616] – FISHER, 1928! [#980] – BARTER & BROWN, 1949! [#137]

*Betula occidentalis* Hook. {3}

BARTER & BROWN, 1949! [#137] (as *Betula papyrifera* ssp. *occidentalis* (Hook.) Hultén)

*Betula papyrifera* Marshall {3}

CHITTENDEN, 1898! [#5333] – SLINGERLAND, 1906! [#7616] – FISHER, 1928! [#980] – ANDERSON, 1944! [#5399] – BARTER & BROWN, 1949! [#137] – MACRAE, 1991! [#1760]

*Betula pendula* Roth. {3}

LOERCH & CAMERON, 1983! [#6021] – LOERCH & CAMERON, 1984! [#4183] – BALL & SIMMONS, 1986! [#4934] – MACRAE, 1991! [#1760]

*Betula platyphylla* Sukaczew {3}

MACRAE, 1991! [#1760]

*Betula populifolia* Marshall {3}

FISHER, 1928! [#980] – BARTER & BROWN, 1949! [#137]

*Betula pubescens* var. *pubescens* Ehrh. {3}

CHITTENDEN, 1898! [#5333] (as *Betula alba* L.) – SLINGERLAND, 1906! [#7616] (as *Betula alba* L.) – SWAINE, 1918! [#7668] (as *Betula alba* L.) – BRITTON, 1923! [#5178] (as *Betula alba* L.) – BRITTON, 1924! [#5179] (as *Betula alba* L.) – BRITTON & ZAPPE, 1927! [#5181] (as *Betula alba* L.) – FISHER, 1928! [#980] (as *Betula alba* L.)

**Rosaceae***Crataegus* {0}

KOROTYAEV et al., 2005 [#7284]

**Salicaceae***Populus* {0}

BLANCHARD, 1889 [#345] (as *gravis*) – BLANCHARD, 1889 [#345] – CLUTE, 1890! [#5402] (as *torpidus*)

*Populus balsamifera* L. {0}

FISHER, 1928! [#980]

*Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall {0}

BURKE, 1917! [#406] – FISHER, 1928! [#980]

*Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D. {0}

KNULL, 1920! [#1508] (as *Populus grandidentata* Michx.) – FISHER, 1928! [#980] (as *Populus grandidentata* Michx.)

*Populus tremuloides* Michx. {0}

LINTNER, 1889 [#6017] (as *torpidus*) – BURKE, 1917! [#406] – FISHER, 1928! [#980] – ANDERSON, 1944! [#5399]

*Populus trichocarpa* Torr. & A. Gray {0}

FISHER, 1928! [#980]

*Salix* {0}

HARRINGTON, 1885 [#5468] (as *torpidus*)

*Salix triandra* ssp. *discolor* (Wimm. & Grab.) Arcang. {0}

DAVIS, 1892! [#9516] (as *torpidus*) (as *Salix discolor* (Wimm. & Grab.))

**Synopsis** HARRINGTON, 1885 [#5468] (*Salix*) (as *torpidus*) – LINTNER, 1885 [#6016] (*Salix discolor*) – BLANCHARD, 1889 [#345] (*Populus*) – BLANCHARD, 1889 [#345] (*Populus*) (as *gravis*) – LINTNER, 1889 [#6017] (*Populus tremuloides*) (as *torpidus*) – CLUTE, 1890 [#5402] (*Populus*) (as *torpidus*) – SCHWARZ, 1891 [#9751] (*Betula alba*) (as *torpidus*) – DAVIS, 1892 [#9516] (*Salix discolor*) (as *torpidus*) – CHITTENDEN, 1898 [#5333] (*Populus tremuloides*) (as *torpidus*) – CHITTENDEN, 1898 [#5333] (*Betula alba*; *B. papyrifera*) (biology) – CHITTENDEN, 1900 [#5334] (*Betula alba*; *B. papyrifera*; ?*Salix discolor*; *Populus*) (biology) – FELT, 1900 [#8214] (*Betula*) – FELT, 1900 [#9754] (*Betula*) – FELT, 1901 [#8216] (*Betula*) – LOCKHEAD, 1903 [#6020] (*Betula*) (biology) – HOPKINS, 1904 [#5587] (*Betula*; *Poplar*) – FELT, 1905 [#8224] (*Betula*) (biology) – SLINGERLAND, 1906 [#7616] (*Betula alba*; *B. pendula* var. *laciniata*; *B. lenta*; *B. lutea*; *B. papyrifera*) (biology) – BORN, 1907 [#9783] (*Betula*) (biology) – GIBSON, 1910 [#5356] (*Betula*) – REH, 1913 [#8153] (*Betula*; *Populus*; *Salix*) (biology) – ANONYMOUS, 1914 [#9750] (*Betula*) (biology) – BLACKMAN & ELLIS, 1915 [#5011] (*Betula*) (biology) – BURKE, 1917 [#406] (*Populus tremuloides*; *P. deltoides*; *Betula fontinalis*) (biology) – FELT, 1918 [#9544] (*Betula*) – HOUSER, 1918 [#5656] (*Betula alba*; *B. lenta*; *B. lutea*; *B. papyrifera*) (biology) – SWAINE, 1918 [#7668] (*Betula alba*) – FROST & WEISS, 1920 [#8210] (*Betula*) – KNULL, 1920 [#1508] (*Populus grandidentata*) – MUTCHLER & WEISS, 1922 [#1858] (*Betula*) (biology) – BRITTON, 1923 [#5178] (*Betula alba*) (biology) – BRITTON, 1924 [#5179] (*Betula alba*) – CHAMBERLIN, 1926 [#468] (*Betula alba*; *B. lutea*; *B. lenta*; *B. papyrifera*; *B. ulmicola*; *B. fruticosa*; *B. frontinalis*; *Populus tremuloides*; *P. deltoides*; *P. balsamifera*) – BRITTON & ZAPPE, 1927 [#5181] (*Betula alba*) (biology) – FISHER, 1928 [#980]

(*Betula*; *Populus*; *Salix*) (biology) – FISHER & NICOLAY, 1928 [#9786] (*Betula*; *Populus*; *Salix*) – METCALF & FLINT, 1928 [#7346] (*Betula*) (biology) – CRAIGHEAD & MIDDLETON, 1930 [#9752] (*Betula*) – FELT & RANKIN, 1932 [#9677] (*Betula*) (biology) – DECKER, 1933 [#9647] (*Betula*; *Populus*) – DOANE et al., 1936 [#7341] (*Betula*; *Populus*) (biology) – BALCH & PREBBLE, 1940 [#5400] (*Betula*) (biology) – DODGE & RICKETT, 1943 [#7342] (*Betula*) (biology) – ANDERSON, 1944 [#5399] (*Populus tremuloides*; *Betula papyrifera*) (biology) – BARTER & BROWN, 1949 [#137] (*Betula lutea*; *B. papyrifera*; *B. populifolia*; *B. lenta*; *B. fontinalis*) – CRAIGHEAD, 1950 [#5409] (*Betula*) (biology) – MÜHLMANN, 1954 [#8152] (*Betula*) (biology) – BARTER, 1957 [#138] (*Betula*) (biology) – ANDERSON, 1966 [#4908] (*Betula*) (biology) – CARLSON & KNIGHT, 1969 [#419] (*Betula*) (biology) – BAKER, 1972 [#95] (*Betula*) (biology) – NELSON & WESTCOTT, 1976 [#1861] (*Betula*) – WELLSO et al., 1976 [#3079] (*Betula*) – HOLSTEN et al., 1980 [#9684] (*Populus*; *Betula*) (biology) – LOERCH & CAMERON, 1983 [#6021] (*Betula pendula*) – LOERCH & CAMERON, 1984 [#4183] (*Betula pendula*) (biology) – MARTINEAU, 1984 [#9683] (*Betula*) (biology) – ANONYMOUS, 1985 [#3782] (*Betula*) (biology) – HOLSTEN et al., 1985 [#9685] (*Populus*; *Betula*) (biology) – MARTINEAU, 1985 [#9679] (*Betula*) (biology) – BALL & SIMMONS, 1986 [#4934] (*Betula pendula*) – BRIGHT, 1987 [#379] (*Betula*) – IVES & WONG, 1988 [#9678] (*Betula*) (biology) – AKERS & NIELSEN, 1990 [#4874] (*Betula*) – MACRAE, 1991 [#1760] (*Betula pendula*; *B. papyrifera*; *B. platyphylla*) – WESTCOTT, 1991 [#3085] (*Betula*) – SOLOMON, 1995 [#7647] (*Betula*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Betula*; *Populus*) – KATOVICH et al., 2000 [#6740] (*Betula*) (biology) – HOLSTEN et al., 2001 [#9686] (*Populus*; *Betula*) (biology) – CRANSHAW, 2004 [#9681] (*Betula*) (biology) – KOROTYAEV et al., 2005 [#7284] (*Crataegus*) – NELSON et al., 2008 [#8377] (*Betula*; *Populus*) – PAIERO et al., 2012 [#9293] (*Betula*; *Populus*)

**Remarks** *Agrilus anxius* seems developing only in *Betula*. All references for *Populus* and *Salix* are likely misidentifications, usually of *A. granulatus liragus*. This opinion was supported also by R. Westcott (pers. com.).

## *Agrilus arbuti* Fisher, 1928

**Synonyms** *manzanitae* Chamberlin

## *Ericaceae*

*Arbutus menziesii* Pursh {3}

BURKE, 1917! [#406] – FISHER, 1928! [#980] – CHAMBERLIN, 1929! [#469]  
(as *manzanitae*)

*Arctostaphylos* {3}

NELSON, 1960 [#1869] – HESPENHEIDE et al., 2011 [#9050]

*Arctostaphylos glauca* Lindl. {3}

CHAMBERLIN, 1929! [#469] (as *manzanitae*)

*Arctostaphylos manzanita* Parry {3}

BURKE, 1917! [#406] – CHAMBERLIN, 1929! [#469] (as *manzanitae*)

*Arctostaphylos tomentosa* (Pursh) Lindl. {3}

CHAMBERLIN, 1929! [#469] (as *manzanitae*)

*Arctostaphylos viscida* Parry {3}

BURKE, 1917! [#407] – BURKE, 1917! [#406] – CHAMBERLIN, 1929! [#469] (as *manzanitae*)

## **Rosaceae**

*Amelanchier sanguinea* var. *alnifolia* (Nutt.) P. Landry. {0}

BRIGHT, 1987 [#379] (as *Amelanchier alnifolia* (Nutt.) P. Landry.)

**Synopsis** BURKE, 1917 [#407] (*Arctostaphylos viscida*) – BURKE, 1917 [#406] (*Arbutus menziesii*; *Arctostaphylos manzanita*; *A. viscida*) (biology) – FISHER, 1928 [#980] (*Arbutus menziesii*) – CHAMBERLIN, 1929 [#469] (*Arctostaphylos manzanita*; *A. glauca*; *A. tomentosa*; *A. viscida*; *Arbutus menziesii*) (as *manzanitae*) – NELSON, 1960 [#1869] (*Arctostaphylos*) – BARR, 1971 [#136] (*Arctostaphylos*; *Arbutus menziesii*) – BRIGHT, 1987 [#379] (*Amelanchier alnifolia* [relates to *A. amelanchieri*]; *Arbutus*; *Arctostaphylos*) – SCUDDER, 1994 [#9662] (*Amelanchier alnifolia*) – NELSON et al., 2008 [#8377] (*Arbutus*; *Arctostaphylos*) – HESPENHEIDE et al., 2011 [#9050] (*Arctostaphylos*; *Arbutus*)

**Remarks** Host records for *Amelanchier* refer to *A. amelanchieri*.

## ***Agrilus arcuatus* (Say, 1825)**

### ***Betulaceae***

*Corylus* {0}

STROMBERG, 1894 [#7662]

*Corylus americana* Walter {0}

CHAMBERLIN, 1926! [#468]

*Corylus cornuta* ssp. *cornuta* Marshall {0}

CHAMBERLIN, 1926! [#468] (as *Corylus rostrata* Aiton)

***Fagaceae***

*Castanea dentata* (Marshall) Borkh. {3}

NELSON & HESPENHEIDE, 1998! [#4548]

*Fagus grandifolia* ssp. *grandifolia* Ehrh. {3}

KNULL, 1920! [#1508] (as *Fagus americana* (Pers.) Sweet) – MUTCHLER & WEISS, 1922! [#1858] (as *Fagus americana* (Pers.) Sweet) – CHAMBERLIN, 1926! [#468] (as *Fagus americana* (Pers.) Sweet) – NELSON & HESPENHEIDE, 1998! [#4548] (as *Fagus americana* (Pers.) Sweet)

*Quercus* {3}

STROMBERG, 1894 [#7662] – RUGGLES, 1918! [#9543] – DECKER, 1933! [#9647] – NELSON & WESTCOTT, 1976 [#1861]

*Quercus agrifolia* Née {3}

CHAMBERLIN, 1926! [#468]

*Quercus alba* L. {3}

NELSON & HESPENHEIDE, 1998! [#4548]

*Quercus falcata* Michx. {3}

MACRAE & BASHAM, 2013! [#9563]

*Quercus ilicifolia* Wangenh. {3}

HESPENHEIDE, 1973! [#1220]

*Quercus kelloggii* Newb. {3}

CHAMBERLIN, 1926! [#468] (as *Quercus californica* (Torr.) Cooper)

*Quercus rubra* L. {3}

CHAMBERLIN, 1926! [#468]

*Quercus shumardii* Buckley {2}

MACRAE, 2006 [#7542]

*Quercus stellata* Wangenh. {2}

MACRAE, 2006 [#7542]

*Quercus velutina* Lam {3}

KNULL, 1920! [#1508] – MUTCHLER & WEISS, 1922! [#1858] – CHAMBERLIN, 1926! [#468] – NELSON & HESPENHEIDE, 1998! [#4548]

***Juglandaceae***

*Carya* {0}

BROOKS, 1926! [#383]

*Carya ovata* (Mill.) K. Koch {0}

KNULL, 1920! [#1508] (as *Hicoria ovata* (Mill.) Britton) – MUTCHLER & WEISS, 1922! [#1858] (as *Hicoria ovata* (Mill.) Britton)

*Juglans nigra* L. {0}

NIXON & MCPHERSON, 1977 [#9559]

**Rosaceae**

*Pyrus canadensis* (L.) Farw. {0}

KNULL, 1930! [#1518] (as *Amelanchier canadensis* (L.) Medik.)

**Ulmaceae**

*Ulmus* {0}

STROMBERG, 1894 [#7662] – CHAMBERLIN, 1926! [#468]

**Synopsis** STROMBERG, 1894 [#7662] (*Quercus*; *Ulmus*; *Corylus*) – CHITTENDEN, 1900 [#5334] (*Quercus*; *Ulmus*; *Corylus*) – ULKE, 1903 [#2939] (*Corylus*) – RUGGLES, 1918 [#9543] (*Quercus*) (biology) – FROST & WEISS, 1920 [#8210] (*Quercus*; *Fagus americana*; *Hicoria ovata*) – KNULL, 1920 [#1508] (*Quercus velutina*; *Fagus americana*; *Hicoria ovata*) – MUTCHLER & WEISS, 1922 [#1858] (*Quercus velutina*; *Fagus americana*; *Hicoria ovata*) (biology) – BROOKS, 1926 [#383] (*Carya*) (biology) – CHAMBERLIN, 1926 [#468] (*Quercus rubra*; *Ulmus*; *Corylus americanus*; *C. rostratus*; *Q. agrifolia*; *Q. californica*; *Q. velutina*; *Fagus americana*) – FISHER, 1928 [#980] (*Quercus velutina*; *Q. alba*; *Fagus americana*; *Castanea dentata*) (biology) – FISHER & NICOLAY, 1928 [#9786] (*Fagus*; *Carya*; *Quercus*) – KNULL, 1930 [#1518] (*Amelanchier canadensis*) (biology) – DECKER, 1933 [#9647] (*Quercus*) – DOANE et al., 1936 [#7341] (*Quercus*; *Fagus*; *Castanea*) – MÜHLMANN, 1954 [#8152] (*Quercus*; *Carya*; *Fagus*) – HESPENHEIDE, 1973 [#1220] (*Quercus ilicifolia*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus*) – NIXON & MCPHERSON, 1977 [#9559] (*Juglans nigra*) – BRIGHT, 1987 [#379] (*Fagus*; *Castanea*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*; *Fagus americana*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Castanea dentata*; *Fagus americana*; *Quercus alba*; *Q. velutina*) – MACRAE, 2006 [#7542] (*Quercus stellata*; *Q. shumardii*) – NELSON et al., 2008 [#8377] (*Castanea*; *Fagus*; *Quercus*; *Carya*; *Juglans*) – PAIERO et al., 2012 [#9293] (*Castanea*; *Fagus*; *Quercus*) – MACRAE & BASHAM, 2013 [#9563] (*Quercus falcata*)

**Remarks** The larva develops in Fagaceae (*Castanea*, *Fagus*, *Quercus*). Records for *Corylus* pertain most likely to *A. corylicola* and records for *Carya* to *A. torquatus*. Host records for other genera seem to be misidentifications.

***Agrilus argythamniae* Hespeneide & Westcott, 2011**

**Euphorbiaceae**

*Argythamnia* {1}

HESPENHEIDE & WESTCOTT, 2011 [#9316]



***Agrilus arizonicus* Obenberger, 1936*****Leguminosae***

*Desmodium batocaulon* A. Gray {1}

KNULL, 1970 [#1573]

**Synopsis** KNULL, 1970 [#1573] (*Desmodium batocaulon*) – NELSON et al., 2008 [#8377] (*Desmodium*)

***Agrilus asahinai* Kurosawa, 1956**

**Synonyms** *stepanovi* Alexeev

***Caprifoliaceae***

*Lonicera maackii* (Rupr.) Maxim. {1}

ALEXEEV, 1979 [#57] (as *stepanovi*) – ALEXEEV, 1989 [#64] (as *stepanovi*)

***Fagaceae***

*Quercus serrata* Murray {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

**Synopsis** ALEXEEV, 1979 [#57] (*Lonicera maaki*) (as *stepanovi*) – ALEXEEV, 1989 [#64] (*Lonicera maackii*) (as *stepanovi*) – JENDEK & GREBENNIKOV, 2009 [#8561] (*Lonicera maackii*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Lonicera maackii*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus serrata*)

**Remarks** *Agrilus asahinai* is closely related to *A. cyanescens* developing in *Lonicera*, which is likely the also larval host of this species.

***Agrilus asiaticus* Kerremans, 1898**

**Synonyms** *hauserellus* Obenberger; *igai* Kurosawa; *panphilovi* Alexeev; *planefasciatus* Obenberger

## **Fagaceae**

### *Quercus* {3}

KUROSAWA, 1963 [#1618] (as *planefasciatus*) – ALEXEEV, 1979! [#57]  
(as *panphilovi*)

### *Quercus acutissima* Carruth. {3}

KUROSAWA, 1963! [#1617] (as *igai*)

### *Quercus mongolica* Fisch. ex Ledeb. {2}

ALEXEEV, 1989 [#64] (as *hauserellus*)

### *Quercus variabilis* Blume {3}

KUROSAWA, 1976! [#1628] (as *igai*)

**Synopsis** KUROSAWA, 1963 [#1618] (*Quercus*) (as *planefasciatus*) – KUROSAWA, 1963 [#1617] (*Quercus acutissima*) (as *igai*) – KO, JE HO, 1969 [#9209] (*Quercus acutissima*) (as *planefasciatus*) – KUROSAWA, 1976 [#1628] (*Quercus variabilis*) (as *igai*) – ALEXEEV, 1979 [#57] (*Quercus*) (as *panphilovi*) – ALEXEEV, 1989 [#64] (*Quercus mongolica*) (as *hauserellus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus variabilis*; *Q. acutissima*) (as *igai*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus variabilis*; *Q. acutissima*)

## ***Agrilus asperulus* Waterhouse, 1889**

**Synonyms** *exhuachucae* Knull

## **Anacardiaceae**

### *Rhus virens* Lindh. ex A. Gray {1}

MACRAE & NELSON, 2003 [#5977]

## **Compositae**

### *Baccharis sarothroides* A. Gray {1}

MACRAE & NELSON, 2003 [#5977]

## **Fagaceae**

### *Quercus* {1}

KNULL, 1937 [#1529] (as *exhuachucae*)

### *Quercus hypoleuroides* A. Camus {1}

NELSON & WESTCOTT, 1976 [#1861] (as *exhuachucae*)

***Rubiaceae***

*Bouvardia ternifolia* (Cav.) Schltldl. {1}

MACRAE & NELSON, 2003 [#5977]

**Synopsis** KNOLL, 1937 [#1529] (*Quercus*) (as *exhuachucae*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus hypoleucoides*) (as *exhuachucae*) – MACRAE & NELSON, 2003 [#5977] (*Bouvardia ternifolia*; *Rhus virens*; *Baccharis sarathroides*) – NELSON et al., 2008 [#8377] (*Baccharis*; *Bouvardia*; *Quercus*; *Rhus*)

***Agrilus assimilis* Hope, 1846*****Leguminosae***

*Acacia ligulata* Benth. {1}

CURLETTI, 2001 [#5025]

*Acacia pycnantha* Benth. {1}

CURLETTI, 2001 [#5025]

***Myrtaceae***

*Eucalyptus fasciculosa* F. Muell. {1}

CURLETTI, 2001 [#5025]

**Synopsis** CURLETTI, 2001 [#5025] (*Acacia ligulata*; *A. pycnantha*; *Eucalyptus fasciculosa*) – BELLAMY, 2002 [#5764] (*Acacia ligulata*; *A. pycnantha*; *Eucalyptus fasciculosa*) – BELLAMY et al., 2013 [#9486] (*Acacia ligulata*; *A. pycnantha*; *Eucalyptus fasciculosa*)

***Agrilus ater* (Linné, 1767)**

**Synonyms** *sexguttatus* Brahm; *sexguttatus* Herbst

***Fagaceae***

*Fagus* {0}

XAMBEU, 1893! [#7788] (as *sexguttatus*)

*Quercus* {0}

REITTER, 1870 [#4393] (as *sexguttatus*) – BRANCSIK, 1871 [#5060] (as *sexguttatus*) – XAMBEU, 1893! [#7788] (as *sexguttatus*)

**Rosaceae***Filipendula ulmaria* (L.) Maxim. {0}LUNDBLAD, 1943 [#9626] (as *Spiraea ulmaria* (L.))**Salicaceae***Populus* {3}

PERRIS, 1851! [#3721] (as *sexguttatus*) – SCRIBA, 1861! [#8717] (as *sexguttatus*) – SCRIBA, 1865! [#8927] (as *sexguttatus*) – MARSEUL, 1866! [#676] (as *sexguttatus*) – ANCEY, 1870! [#9600] (as *sexguttatus*) – ANCEY, 1870! [#3714] (as *sexguttatus*) – PERRIS, 1875 [#8966] (as *sexguttatus*) – HEYDEN, 1877 [#8479] (as *sexguttatus*) – HEYDEN, 1877! [#5716] (as *sexguttatus*) – BAUDUER, 1878 [#165] (as *sexguttatus*) – ALTUM, 1881! [#4896] (as *sexguttatus*) – NÖRDLINGER, 1884! [#8879] (as *sexguttatus*) – DELHERM DE LARCENNE, 1885! [#3924] (as *sexguttatus*) – XAMBEU, 1893! [#7788] (as *sexguttatus*) – HEB, 1900! [#8936] (as *sexguttatus*) – HEYDEN, 1904 [#5717] (as *sexguttatus*) – ESCHERICH, 1923! [#6717] (as *sexguttatus*) – ABOT, 1928 [#8304] (as *sexguttatus*) – GALIBERT, 1932 [#8312] (as *sexguttatus*) – RIKHTER, 1945! [#3507] – IL'INSKIJ, 1948! [#5670] – ALEXEEV, 1958! [#3982] – GRECHKIN & VORONCOV, 1962! [#8242] – IL'INSKIJ, 1962! [#8685] – HAVELKA, 1964! [#3433] – PLOKHIKH, 1969! [#3723] – CHARARAS, 1972! [#9206] – SEKENDIZ, 1973! [#7325] – SEKENDIZ, 1974! [#8870] – VOLKOVITSH, 1977! [#2985] – ZABRANSKY, 1991! [#3546] – ŠKORPÍK et al., 2011! [#9173]

*Populus alba* L. {3}

HEYROVSKY, 1961 [#3449] – BREGANT, 1971 [#3416] – HELLRIGL, 1978! [#3442] – WEIDLICH, 1989 [#6165] – KLETECKA, 1998! [#4416] – BRECHTEL & KOSTENBADER, 2002! [#5766]

*Populus alba* var. *pyramidalis* Bunge {3}

STUMPF, 2004! [#9369]

*Populus balsamifera* L. {3}

GRECHKIN, 1951! [#8607]

*Populus canadensis* Moench {3}

NÖRDLINGER, 1880 [#4432] (as *sexguttatus*) – OHAUS, 1944! [#8196] (as *sexguttatus*) – GRECHKIN, 1951! [#8607] – BRECHTEL & KOSTENBADER, 2002! [#5766]

*Populus nigra* L. {3}

BRAHM, 1791 [#4024] (as *sexguttatus*) – HERBST, 1801! [#1216] (as *sexguttatus*) – BEDEL, 1921! [#170] (as *sexguttatus*) – TRELLA, 1929 [#9652] (as *sexguttatus*) – SCHAEFER, 1949 [#2565] – SCHAEFER, 1949! [#3285] – GRECHKIN, 1951! [#8607] – HORION, 1955 [#1285] – TASSI, 1962 [#2676] – SCHAEFER, 1964 [#2575] – BREGANT, 1971! [#3416] – PAULIAN, 1978 [#2424] – MURRIA BELTRÁN & MURRIA BELTRÁN, 1996 [#4561] – BRECHTEL & KOSTENBADER, 2002! [#5766] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – FLOBMANN, 2010 [#9247]

*Populus nigra* var. *italica* Koehne {3}

NIEHUIS, 2004! [#6762]

*Populus tremula* L. {3}

ANCEY, 1870! [#9600] (as *sexguttatus*) – LETZNER, 1892 [#4469] (as *sexguttatus*) – KROGERUS, 1922! [#3916] – KROGERUS, 1925! [#3472] – KANGAS, 1942! [#5408] – KANGAS, 1942! [#5407] – MÜHLMANN, 1954 [#8152] – GOBBI, 1971! [#1092] – KLETECKA, 1998! [#4416] – LISKENNE, 2000 [#6278]

*Salix* {3}

LACORDAIRE, 1835 [#3892] (as *sexguttatus*) – FOURNEL & GÉHIN, 1846 [#4383] (as *sexguttatus* [#4383] (as *sexguttatus*) – FORMÁNEK, 1900! [#4674] (as *sexguttatus*) – GALIBERT, 1932 [#8312] (as *sexguttatus*) – IL'INSKIJ, 1948! [#5670] – SCHAEFER, 1949! [#3285] – IL'INSKIJ, 1962! [#8685] – HAVELKA, 1964! [#3433] – ŠKORPIK et al., 2011! [#9173]

*Salix alba* L. {3}

ALTUM, 1881! [#4896] (as *sexguttatus*) – SCHAEFER, 1949[#2565] – GOBBI, 1968! [#1090] – NIEHUIS, 1974! [#3629] – HELLRIGL, 1978! [#3442] – NIEHUIS, 1988! [#1912] – KLETECKA, 1998! [#4416] – NIEHUIS, 2004! [#6762] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Salix caprea* L. {3}

NIEHUIS, 2004! [#6762]

*Salix cinerea* L. {2}

MERKL, 1991 [#6564]

**Synopsis** BRAHM, 1791 [#4024] (*Populus nigra*) (as *sexguttatus*) – HERBST, 1801 [#1216] (*Populus nigra*) (as *sexguttatus*) – LACORDAIRE, 1835 [#3892] (*Salix*) (as *sexguttatus*) – FOURNEL & GÉHIN, 1846 [#4383] (as *sexguttatus* [#4383] (*Salix*) (as *sexguttatus*) – PERRIS, 1851 [#3721] (*Populus*) (as *sexguttatus*) (biology) – SCRIBA, 1861 [#8717] (*Populus*) (as *sexguttatus*) – SCRIBA, 1865 [#8927] (*Populus*) (as *sexguttatus*) (biology) – MARSEUL, 1866 [#676] (*Populus*) (as *sexguttatus*) – ANCEY, 1870 [#3714] (*Populus*) (as *sexguttatus*) (biology) – ANCEY, 1870 [#9600] (*Populus*; *Populus tremula*) (as *sexguttatus*) (biology) – REITTER, 1870 [#4393] (*Quercus*) (as *sexguttatus*) – BRANCSIK, 1871 [#5060] (*Quercus*) (as *sexguttatus*) – PERRIS, 1875 [#8966] (*Populus*) (as *sexguttatus*) (biology) – HEYDEN, 1877 [#8479] (*Populus*) (as *sexguttatus*) – HEYDEN, 1877 [#5716] (*Populus*) (as *sexguttatus*) – BAUDUER, 1878 [#165] (*Populus*) (as *sexguttatus*) – GOBERT, 1878 [#5294] (*Populus*) (as *sexguttatus*) (biology) – NÖRDLINGER, 1880 [#4432] (*Populus canadensis*) (as *sexguttatus*) – ALTUM, 1881 [#4896] (*Salix alba*; *Populus*) (as *sexguttatus*) – BAUDUER, 1883 [#5143] (*Populus*) (as *sexguttatus*) – NÖRDLINGER, 1884 [#8879] (*Populus*) (as *sexguttatus*) (biology) – DELHERM DE LARCENNE, 1885 [#3924] (*Populus*) (as *sexguttatus*) – LETZNER, 1892 [#4469] (*Populus tremula*) (as *sexguttatus*) – XAMBEU, 1893 [#7788] (*Populus*; *Quercus*; *Fagus*) (as *sexguttatus*) (biology) – FORMÁNEK, 1900 [#4674] (*Salix*) (as *sexguttatus*) – HERB, 1900 [#8936] (*Populus*) (as *sexguttatus*) (biology) – FÜRST, 1902 [#8989] (*Populus*) (as *sexguttatus*) – HEYDEN, 1904 [#5717] (*Populus*) (as *sexguttatus*) – NÜSSLIN, 1905 [#8992] (*Populus*) (as *sexguttatus*) (biology) – PÉNEAU, 1911 [#8928]

(*Populus*) (as *sexguttatus*) – CAILLOL, 1913 [#4053] (*Populus*; *Salix*; *Fagus*) (as *sexguttatus*) (biology) – PIERCE, 1917 [#6667] (*Populus*; *Salix*) (as *sexguttatus*) – BEDEL, 1921 [#170] (*Populus nigra*; *Populus alba*; *Salix*) (as *sexguttatus*) (biology) – KROGERUS, 1922 [#3916] (*Populus tremula*) (biology) – ESCHERICH, 1923 [#6717] (*Populus*) (as *sexguttatus*) (biology) – KROGERUS, 1925 [#3472] (*Populus tremula*) – ABOT, 1928 [#8304] (*Populus*) (as *sexguttatus*) – TRELLA, 1929 [#9652] (*Populus nigra*) (as *sexguttatus*) – GALIBERT, 1932 [#8312] (*Populus*; *Salix*) (as *sexguttatus*) – SAINTE CLAIRE, 1935 [#8551] (*Populus*) – KANGAS, 1942 [#5408] (*Populus tremula*) (biology) – KANGAS, 1942 [#5407] (*Populus tremula*) (biology) – LUNDBLAD, 1943 [#9626] (*Spiraea ulmaria*) – OHAUS, 1944 [#8196] (*Populus canadensis*) (as *sexguttatus*) (biology) – RIKHTER, 1945 [#3507] (*Populus*) – IL'INSKII, 1948 [#5670] (*Populus*; *Salix*) – SCHAEFER, 1949 [#3285] (*Populus nigra*; *Salix*) – SCHAEFER, 1949 [#2565] (*Salix alba*; *Populus nigra*; *P. tremula*; *Populus pyramidalis*) (biology) – GRECHKIN, 1951 [#8607] (*P. nigra*; *P. balsamifera*; *P. canadensis*) (biology) – MÜHLMANN, 1954 [#8152] (*Populus tremula*) (biology) – STEPANOV, 1954 [#2662] (*Populus*) (as *jureceki*) – STEPANOV, 1954 [#2662] (*Populus*) – HORION, 1955 [#1285] (*Populus nigra*; *P. tremula*; *P. canadensis*; *Salix alba*) (biology) – TER MINASYAN, 1955 [#7893] (*Populus*; *Salix*; *Quercus*; *Ficus*) – VORONCOV & SINADSKII, 1957 [#8645] (*Populus*) – ALEXEEV, 1958 [#3982] (*Populus*) – ALEXEEV, 1959 [#3229] (*Populus*; *Salix*) – ALEXEEV, 1961 [#3243] (*Salix*; *Populus*) – HEYROVSKY, 1961 [#3449] (*Populus alba*; *P. italica*) (biology) – GRECHKIN & VORONCOV, 1962 [#8242] (*Populus*) (biology) – IL'INSKII, 1962 [#8685] (*Populus*; *Salix*) – TASSI, 1962 [#2676] (*Populus nigra*) – ZAGAIKEVICH, 1962 [#3249] (*Populus*; *Salix*) (biology) – HAVELKA, 1964 [#3433] (*Populus*; *Salix*) – SCHAEFER, 1964 [#2575] (*Populus nigra*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Populus*; *Salix*) – GOBBI, 1968 [#1090] (*Salix alba*) (biology) – GOTTWALD, 1968 [#1114] (*Populus nigra*; *P. tremula*; *Salix alba*) – CARLSON & KNIGHT, 1969 [#419] (*Salix*) (as *jureceki*) – CARLSON & KNIGHT, 1969 [#419] (*Salix*) – PLOKHIKH, 1969 [#3723] (*Populus*) (biology) – BREGANT, 1971 [#3416] (*Populus nigra*; *P. alba*) – GOBBI, 1971 [#1092] (*Populus tremula*) – CAVALCASELLE, 1972 [#4337] (*Salix*; *Populus*) (biology) – CHARARAS, 1972 [#9206] (*Populus*) (biology) – KOSTIN, 1973 [#3693] (*Populus*; *Salix*) – SEKENDIZ, 1973 [#7325] (*Populus*) – FRANZ, 1974 [#4334] (*Salix*; *Populus*) – GURYEVA, 1974 [#5428] (*Populus*; *Salix*) – NIEHUIS, 1974 [#3629] (*Salix alba*) – SEKENDIZ, 1974 [#8870] (*Populus*) (biology) – VOLKOVITSH, 1977 [#2985] (*Populus*) – HELLRIGL, 1978 [#3442] (*Populus*; *Salix*; *Quercus*; *Tilia*) (biology) – PAULIAN, 1978 [#2424] (*Populus nigra*) – POPO, 1978 [#3499] (*Salix*; *Populus*) – ALEXEEV, 1981 [#61] (*Salix*; *Populus*) – BÍLÝ, 1982 [#295] (*Populus*; *Salix*) (biology) – GOBBI, 1986 [#1100] (*Salix*; *Populus*) (biology) – NIEHUIS, 1988 [#1912] (*Salix alba*; *Populus nigra*; *P. alba*) (biology) – WEIDLICH, 1989 [#6165] (*Populus alba*) – MERKL, 1991 [#6564] (*Salix cinerea*) – ZABRANSKY, 1991 [#3546] (*Populus*) – MURRIA BELTRÁN & MURRIA BELTRÁN, 1996 [#4561] (*Populus nigra*) – KLETECKA, 1998 [#4416] (*Salix*; *Populus*) – BÍLÝ, 1999 [#4478] (*Salix*; *Populus*) – LISKENNE, 2000 [#6278] (*Populus tremula*) – BÍLÝ, 2002 [#5877] (*Populus*; *Salix*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Populus canadensis*; *Populus nigra*; *Populus alba*; *Salix*) (biology) – HASTIR & GASPAS, 2002 [#6211] (*Populus*; *Salix*) – KADYRBEKOV et al., 2003 [#7318]

(*Populus*) – YANYTSKY, 2003 [#9052] (*Populus*; *Salix*) – NIEHUIS, 2004 [#6762] (*Populus*; *Salix*) (biology) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2004 [#6689] (*Populus nigra*; *Populus alba*) – STUMPF, 2004 [#9369] (*Populus p*) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Salix*; *Populus*; *Quercus*; *Ficus*) – VERDUGO PAÉZ, 2005 [#7256] (*Populus*; *Salix*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Populus nigra*; *Salix alba*) – ŠKORPÍK et al., 2011 [#9173] (*Salix*; *Populus*) (biology)

**Remarks** *Agrilus ater* develops in Salicaceae (*Salix*, *Populus*). The old host records for *Quercus* and *Fagus* (Fagaceae) are misidentifications.

## ***Agrilus atlanticus* Curletti, 2005**

### ***Araliaceae***

*Dendropanax arboreus* (L.) Decne. & Planch. {1}  
CURLETTI, 2005 [#7579]

### ***Lauraceae***

*Nectandra purpurea* (Ruiz & Pav.) Mez {1}  
CURLLETTI, 2005 [#7579]

## ***Agrilus atricornis* Fisher, 1928**

### ***Betulaceae***

*Corylus americana* Walter {1}  
FISHER, 1928 [#980]

### ***Fagaceae***

*Quercus phellos* L. {3}  
MACRAE, 2006! [#7542]

### ***Salicaceae***

*Salix nigra* Marshall {3}  
MACRAE, 2006! [#7542]

**Synopsis** FISHER, 1928 [#980] (*Corylus americanus*) – WELLSO et al., 1976 [#3079] (*Corylus americana*) – BRIGHT, 1987 [#379] (*Corylus cornuta*) – DOWNIE & ARNETT, 1996 [#6170] (*Corylus americana*) – MACRAE, 2003 [#5976] (*Corylus*) – MACRAE, 2006 [#7542] (*Quercus phellos*; *Salix nigra*) – NELSON et al., 2008 [#8377] (*Quercus*; *Salix*; *Corylus*) – PAIERO et al., 2012 [#9293] (*Quercus*; *Salix*)

## ***Agrilus atriplicis* Théry, 1900**

### ***Amaranthaceae***

*Atriplex halimus* L. {1}

THÉRY, 1900 [#2699] – THÉRY, 1930 [#2754]

**Synopsis** THÉRY, 1900 [#2699] (*Atriplex halimus*) – THÉRY, 1930 [#2754] (*Atriplex halimus*)

## ***Agrilus audax* Horn, 1891**

### ***Fagaceae***

*Quercus macrocarpa* Michx. {1}

MACRAE & NELSON, 2003 [#5977]

*Quercus marilandica* (L.) Münchh. {1}

NELSON & MACRAE, 1990 [#1864]

### ***Oleaceae***

*Forestiera pubescens* Nutt. {1}

MACRAE & BASHAM, 2013 [#9563]

### ***Ulmaceae***

*Ulmus rubra* Muhl. {3}

KNULL, 1934! [#1523] (as *Ulmus fulva* Michx.)

**Synopsis** KNULL, 1934 [#1523] (*Ulmus fulva*) (biology) – NELSON & MACRAE, 1990 [#1864] (*Quercus marilandica*) – MACRAE & NELSON, 2003 [#5977] (*Quercus macrocarpa*) – NELSON et al., 2008 [#8377] (*Quercus*; *Ulmus*) – MACRAE & BASHAM, 2013 [#9563] (*Forestiera pubescens*)

**Remarks** The single larval host record from *Ulmus* needs verification.



***Agrilus aureus* Chevrolat, 1838**

**Synonyms** *couesii* LeConte

***Loasaceae***

*Nuttallia nuda* (Pursh) Greene {1}

COCKERELL, 1897 [#9517] (as *couesii*) (as *Mentzelia nuda* (Pursh) Torr. & A. Gray)  
– CHAMBERLIN, 1926 [#468] (as *Mentzelia nuda* (Pursh) Torr. & A. Gray) – FISHER,  
1928 [#980] (as *Mentzelia nuda* (Pursh) Torr. & A. Gray)

***Malvaceae***

*Sphaeralcea* {1}

NELSON & WESTCOTT, 1976 [#1861]

*Sphaeralcea angustifolia* (Cav.) G. Don {1}

WESTCOTT et al., 1990 [#3086]

**Synopsis** COCKERELL, 1897 [#9517] (*Mentzelia nuda*) (as *couesii*) – CHITTENDEN,  
1900 [#5334] (*Mentzelia nuda*) (as *couesii*) – FROST & WEISS, 1920 [#8210]  
(*Mentzelia nuda*) (as *couesii*) – CHAMBERLIN, 1926 [#468] (*Mentzelia nuda*) –  
FISHER, 1928 [#980] (*Mentzelia nuda*) – NELSON & WESTCOTT, 1976 [#1861]  
(*Sphaeralcea*) – WESTCOTT et al., 1990 [#3086] (*Sphaeralcea angustifolia*) – NEL-  
SON et al., 2008 [#8377] (*Mentzelia*; *Sphaeralcea*)

***Agrilus auricollis* Kiesenwetter, 1857*****Betulaceae***

*Betula* {0}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716] – HEYDEN, 1904 [#5717]

*Carpinus betulus* L. {3}

SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2002! [#6221]

***Cannabaceae***

*Celtis* {3}

GREDLER, 1863 [#4680] – GREDLER, 1870 [#3945] – HELLRIGL, 1974 [#1207]

*Celtis australis* L. {3}

HALBHERR, 1894 [#1153] – TASSI, 1962! [#2677] – TASSI, 1962 [#2676] –  
HELLRIGL, 1978! [#3442] – CURLETTI, 1980! [#641] – RUICANESCU, 1993 [#3257]

***Fagaceae***

*Fagus* {0}

DAEHNE, 1912 [#3609]

***Malvaceae***

*Tilia* {3}

WACHTL, 1888! [#4483] – ESCHERICH, 1923! [#6717] – ALEXEEV, 1969! [#51] –  
BREGANT, 1977 [#3414] – BRECHTEL & KOSTENBADER, 2002! [#5766]

*Tilia cordata* Mill. {3}

ZAKHAROV & LEVKOVICH, 1951! [#8638] – GOBBI, 1986! [#1100]

*Tilia platyphyllos* Scop. {3}

HELLRIGL, 1978! [#3442]

***Moraceae***

*Ficus* {3}

GOBBI, 1970! [#1091] – GOBBI, 1986! [#1100]

***Salicaceae***

*Populus* {0}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716] – HEYDEN, 1904 [#5717]

***Ulmaceae***

*Ulmus* {3}

RIKHTER & ALEXEEV, 1965! [#2522] – MASLOV, 1970! [#8616] – HELLRIGL, 1974!  
[#1207] – BRANDL, 1976 [#9010] – BÍLÝ, 1996 [#6310] – BARSEVSKIS &  
SAVENKOV, 2001 [#6212] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS,  
2004! [#6762]

*Ulmus campestris* L. {3}

HELLRIGL, 1978! [#3442] – CROVATO & IZZILLO, 1995 [#3791] – BOROWSKI et al., 2000! [#6272]

*Ulmus carpinifolia* Gled. {3}

BÍLÝ, 1986! [#8411]

*Ulmus glabra* Huds. {3}

BREGANT, 1977 [#3414] (as *Ulmus montana* With.) – KEJVAL et al., 2006 [#8865] (as *Ulmus montana* With.)

*Ulmus laevis* Pall. {3}

KLETECKA, 1998! [#5697] – KLETECKA, 2009! [#9165] – ŠKORPÍK et al., 2011 [#9173]

*Ulmus minor* Mill. {3}

WEIDLICH, 1989 [#6165] – KLETECKA, 2009! [#9165]

**Synopsis** GREDLER, 1863 [#4680] (*Celtis*) – GREDLER, 1870 [#3945] (*Celtis*) – HEYDEN, 1877 [#5716] (*Betula; Populus*) – HEYDEN, 1877 [#8479] (*Betula; Populus*) – WACHTL, 1888 [#4483] (*Tilia*) (biology) – HALBHERR, 1894 [#1153] (*Celtis australis*) – HEYDEN, 1904 [#5717] (*Betula; Populus*) – DAEHNE, 1912 [#3609] (*Fagus*) – BEDEL, 1921 [#170] (*Tilia*) – ESCHERICH, 1923 [#6717] (*Tilia*) (biology) – SCHAEFER, 1949 [#2565] (*Tilia*) (biology) – ZAKHAROV & LEVKOVICH, 1951 [#8638] (*Tilia cordata*) – MÜHLMANN, 1954 [#8152] (*Tilia*) (biology) – HORION, 1955 [#1285] (*Tilia; Ulmus*) (biology) – STARK, 1955 [#3533] (*Tilia*) – TER MINASYAN, 1955 [#7893] (*Tilia*) – ALEXEEV, 1959 [#3229] (*Tilia; Ulmus*) – BALACHOWSKY et al., 1962 [#96] (*Tilia*) – TASSI, 1962 [#2677] (*Celtis australis*) – TASSI, 1962 [#2676] (*Celtis australis*) – ZAGAIKEVICH, 1962 [#3249] (*Ulmus; Tilia; Quercus*) – ALEXEEV, 1964 [#3847] (*Ulmus scabra*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Ulmus*) – ALEXEEV, 1969 [#51] (*Tilia*) – GOBBI, 1970 [#1091] (*Ficus; Celtis australis; Tilia*) – MASLOV, 1970 [#8616] (*Ulmus*) (biology) – FRANZ, 1974 [#4334] (*Ulmus; Tilia*) – HELLRIGL, 1974 [#1207] (*Celtis; Ulmus*) – BRANDL, 1976 [#9010] (*Ulmus*) – BREGANT, 1977 [#3414] (*Ulmus montana; Tilia*) (biology) – HELLRIGL, 1978 [#3442] (*Ulmus; Celtis*) (biology) – CURLETTI, 1980 [#641] (*Celtis australis*) – ALEXEEV, 1981 [#61] (*Ulmus*) – BÍLÝ, 1986 [#8411] (*Ulmus carpinifolia*) – GOBBI, 1986 [#1100] (*Tilia; Ulmus; Celtis; Ficus*) – WEIDLICH, 1989 [#6165] (*Ulmus minor*) – RUICANESCU, 1993 [#3257] (*Celtis australis*) – CURLETTI, 1994 [#658] (*Celtis; Ficus; Tilia; Ulmus*) – CROVATO & IZZILLO, 1995 [#3791] (*Ulmus campestris*) – BÍLÝ, 1996 [#6310] (*Ulmus*) – KLETECKA, 1996 [#3970] (*Ulmus glabra*) – KLETECKA, 1998 [#5697] (*Ulmus glabra; U. laevis*) – BOROWSKI et al., 2000 [#6272] (*Ulmus campestris*) – BARSEVSKIS & SAVENKOV, 2001 [#6212] (*Ulmus*) – STUMPF et al., 2001 [#5788] (*Ulmus; Tilia*) – BÍLÝ, 2002 [#5877] (*Celtis australis; Ulmus carpinifolia*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Ulmus; Tilia*) (biology) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Tilia; Ulmus*) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2002 [#6221] (*Carpinus betulus*) (biology) – NIEHUIS, 2004 [#6762] (*Ulmus*) (biology) – MURRIA BELTRÁN & MURRIA BELTRÁN, 2005 [#7591] (*Carpinus betulus*) – VERDUGO PAÉZ, 2005 [#7256] (*Tilia; Carpinus*) – KEJVAL et al., 2006 [#8865] (*Ulmus montana*) – KLETECKA, 2009 [#9165] (*Ulmus glabra; U. laevis; U. minor*) (biology) – FLOBMANN, 2010 [#9247] (*Ulmus glabra*) – ŠKORPÍK et al., 2011 [#9173] (*Ulmus laevis; U. glabra*) (biology)

## ***Agrilus aurilaterus* Waterhouse, 1889**

### ***Compositae***

*Baccharis sarothroides* A. Gray {1}

HESPENHEIDE, 1974 [#1222] – WALTERS, 1978 [#3036]

**Synopsis** HESPENHEIDE, 1974 [#1222] (*Baccharis sarothroides*) – WALTERS, 1978 [#3036] (*Baccharis sarothroides*) – NELSON et al., 2008 [#8377] (*Baccharis*)

## ***Agrilus auripilis* Deyrolle, 1864**

**Synonyms** *chounramanyi* Baudon

### ***Malvaceae***

*Sterculia pexa* Pierre {1}

BAUDON, 1968 [#162] (as *chounramanyi*)

## ***Agrilus auristernum* Obenberger, 1924**

### ***Fagaceae***

*Quercus* {1}

JENDEK, 2000 [#4852]

**Synopsis** JENDEK, 2000 [#4852] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*)

**Remarks** *Quercus* is likely the larval host of *A. auristernum*, which is closely related to the species developing in *Quercus*, like *A. agnatus*, *A. lafertei*, *A. lubopetri*, *A. pseudolubopetri* and *A. qinling*.

## ***Agrilus auriventris* Saunders, 1873**

**Synonyms** *citri* Matsumura (unavailable)

**Rutaceae***Citrus* {3}

TANAKA, 1928! [#7021] – CLAUSEN, 1931! [#3267] (as *citri*) – YUASA, 1933! [#3132] – MÜHLMANN, 1954! [#8152] – MIIKE et al., 1961! [#7017] – SHIMIZU et al., 1961! [#7019] – YAMAMOTO et al., 1961! [#7022] – ISRIGAYA, 1963! [#7016] – KUROSAWA, 1963 [#1618] – OHGUSHI, 1963! [#5415] – WOO SHEH MING, 1964! [#7020] – OHGUSHI, 1966! [#8729] – OHGUSHI, 1966! [#7018] – YOSHIKAWA et al., 1969! [#8923] – OHGUSHI, 1978! [#7015] – NAKA & OHASHI, 1996! [#4720] – WEI et al., 2006! [#7653] – ZHENG et al., 2006! [#7883]

**Synopsis** TANAKA, 1928 [#7021] (*Citrus*) – CLAUSEN, 1931 [#3267] (*Citrus*) (as *citri*) (biology) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Citrus*) – YUASA, 1933 [#3132] (*Citrus*) – QUAYLE, 1938 [#7340] (*Citrus*) (as *citri*) (biology) – MÜHLMANN, 1954 [#8152] (*Citrus*) (biology) – EBELING, 1959 [#9676] (*Citrus*) – EBELING, 1959 [#9676] (*Citrus*) (as *citri*) – MIIKE et al., 1961 [#7017] (*Citrus*) (biology) – SHIMIZU et al., 1961 [#7019] (*Citrus*) (biology) – YAMAMOTO et al., 1961 [#7022] (*Citrus*) (biology) – BALACHOWSKY et al., 1962 [#96] (*Citrus*) – ISRIGAYA, 1963 [#7016] (*Citrus*) (biology) – KUROSAWA, 1963 [#1618] (*Citrus*) – OHGUSHI, 1963 [#5415] (*Citrus*) – WOO SHEH MING, 1964 [#7020] (*Citrus*) (biology) – OHGUSHI, 1966 [#8729] (*Citrus*) (biology) – OHGUSHI, 1966 [#7018] (*Citrus*) (biology) – YOSHIKAWA et al., 1969 [#8923] (*Citrus*) – GURYEVA, 1974 [#5428] (*Citrus*) – OHGUSHI, 1978 [#7015] (*Citrus*) – NAKA & OHASHI, 1996 [#4720] (*Citrus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Citrus*) – HUA LI ZHONG, 2002 [#6696] (*Citrus*) – LIN GUI RUI, 2002 [#7926] (*Citrus*) – WEI et al., 2006 [#7653] (*Citrus*) – ZHENG et al., 2006 [#7883] (*Citrus*) – WEI et al., 2007 [#8166] (*Citrus*) – HILL, 2008 [#8600] (*Citrus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Citrus*) – JENDEK, 2013 [#9278] (*Citrus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Citrus*)

***Agrilus auroapicalis ishigakianus* Tôyama, 1985****Rutaceae***Tetradium glabrifolium* (Champ. ex Benth.) T. G. Hartley {1}

FUKUTOMI & KURIHARA, 2011 [#9193] (as *Euodia meliifolia* (Hance ex Walp.) Benth.)

**Synopsis** FUKUTOMI & KURIHARA, 2011 [#9193] (*Euodia meliifolia*) (biology) – JENDEK, 2013 [#9278] (*Euodia meliifolia*)

## ***Agrilus aurociliatus* Théry, 1904**

### ***Lythraceae***

*Lagerstroemia parviflora* Roxb. {3}  
BEESON, 1941! [#178]

### ***Malvaceae***

*Grewia tiliifolia* Vahl {3}  
BEESON, 1941! [#178]

## ***Agrilus auroguttatus* Schaeffer, 1905**

### ***Fagaceae***

*Quercus* {3}

FISHER, 1928 [#980]

*Quercus agrifolia* Née {3}

COLEMAN et al., 2011! [#9257] – COLEMAN et al., 2012! [#9343] – CHEN YIGEN et al., 2013 [#9702] – HAAVIK et al., 2013! [#9703]

*Quercus chrysolepis* Liebm. {2}

CHEN YIGEN et al., 2013 [#9702]

*Quercus conzattii* Trel. {3}

COLEMAN et al., 2012! [#9343]

*Quercus emoryi* Torr. {3}

GIBSON, 2010 [#9249] (misidentified as *coxalis*) – COLEMAN et al., 2012! [#9343]

*Quercus engelmannii* Greene {2}

CHEN YIGEN et al., 2013 [#9702]

*Quercus hypoleucoides* A. Camus {3}

COLEMAN et al., 2012! [#9343]

*Quercus kelloggii* Newb. {2}

CHEN YIGEN et al., 2013 [#9702]

*Quercus nigra* L. {2}

SCHAEFFER, 1905 [#2583]

*Quercus peduncularis* Née {3}

COLEMAN et al., 2012! [#9343]

**Synopsis** SCHAEFFER, 1905 [#2583] (*Quercus nigra*) – FROST & WEISS, 1920 [#8210] (*Quercus nigra*) – CHAMBERLIN, 1926 [#468] (*Quercus velutinus*) – FISHER, 1928 [#980] (*Quercus*) – GIBSON, 2010 [#9249] (*Quercus emoryi*) – COLEMAN et al., 2011 [#9257] (*Quercus agrifolia*) – HESPENHEIDE et al., 2011 [#9050] (*Quercus*) – COLEMAN

et al., 2012 [#9343] (*Q. emoryi*; *Q. hypoleucoides*; *Q. agrifolia*; *Q. peduncularis*; *Q. conzatti*) (biology) – CHEN YIGEN et al., 2013 [#9702] (*Quercus kelloggii*; *Q. engelmannii*; *Q. agrifolia*; *Q. chrysolepis*) – HAAVIK et al., 2013 [#9703] (*Quercus agrifolia*)

## ***Agrilus auropictus* Kerremans, 1912**

### ***Fagaceae***

*Quercus* {1}

KUROSAWA, 1963 [#1618]

## ***Agrilus aurovittatus* Hope, 1846**

### ***Casuarinaceae***

*Allocasuarina huegeliana* (Miq.) L. A. S. Johnson {1}

CURLETTI, 2001 [#5025] (as *Casuarina huegeliana* Miq.)

*Allocasuarina torulosa* (Dryand. ex Aiton) L. A. S. Johnson {1}

CURLETTI, 2001 [#5025] (as *Casuarina torulosa* Aiton)

**Synopsis** CURLETTI, 2001 [#5025] (*Casuarina huegeliana* and *C. torulosa*) – BELLAMY et al., 2013 [#9486] (*Allocasuarina huegeliana*; *A. torulosa*)

## ***Agrilus australasiae* Gory & Laporte, 1839**

### ***Leguminosae***

*Acacia chalkeri* Maiden {3}

TURNER, 2001! [#5088]

*Acacia dealbata* Link {3}

VAN DEN BERG, 1982 [#6707] – WEBB, 1993 [#4284] – TURNER & HAWKESWOOD, 1996! [#7720]

*Acacia decurrens* Willd. {2}

FROGGATT, 1902 [#6709] – WILLIAMS & WILLIAMS, 1983 [#3115]

*Acacia longifolia* ssp. *sophorae* (Labill.) Court {3}

HAWKESWOOD, 1981 [#1181] (as *Acacia sophorae* (Labill.) Court) – VOLKOVITSH & HAWKESWOOD, 1990! [#2980] (as *Acacia sophorae* (Labill.) Court) – HAWKESWOOD, 1992! [#1190] (as *Acacia sophorae* (Labill.) Court)

*Acacia mearnsii* De Wild. {2}

FROGGATT, 1923 [#6710]

*Acacia parramattensis* Tindale {2}

WILLIAMS & WILLIAMS, 1983 [#3115]

*Acacia pycnantha* Benth. {3}

FROGGATT, 1927! [#6711] – MÜHLMANN, 1954! [#8152]

*Acacia spectabilis* Benth. {3}

TURNER & HAWKESWOOD, 1998! [#4552]

**Synopsis** FROGGATT, 1902 [#6709] (*Acacia decurrens*) – FROGGATT, 1923 [#6710] (*Acacia mearnsii*) – FROGGATT, 1927 [#6711] (*Acacia pycnantha*) – MÜHLMANN, 1954 [#8152] (*Acacia pycnantha*) – HAWKESWOOD, 1981 [#1181] (*Acacia sophorae*) – VAN DEN BERG, 1982 [#6707] (*Acacia dealbata*) – WILLIAMS & WILLIAMS, 1983 [#3115] (*Acacia decurrens*; *A. parramattensis*) – VOLKOVITSH & HAWKESWOOD, 1990 [#2980] (*Acacia sophorae*) – HAWKESWOOD, 1992 [#1190] (*Acacia dealbata*; *Acacia decurrens*; *Acacia parramattensis*; *Acacia pycnantha*; *Acacia sophorae*) (biology) – WEBB, 1993 [#4284] (*Acacia*; *Allocasuarina littoralis*) – TURNER & HAWKESWOOD, 1996 [#7720] (*Acacia dealbata*; *A. pycnantha*; *A. sophorae*; *A. decurrens*; *A. parramattensis*) (biology) – TURNER & HAWKESWOOD, 1998 [#4552] (*Acacia spectabilis*) – TURNER, 2001 [#5088] (*Acacia chalkerii*) (biology) – BELLAMY, 2002 [#5764] (*Acacia decurrens*; *A. parramattensis*; *A. sophorae*; *A. dealbata*; *A. chalkerii*) – BELLAMY et al., 2013 [#9486] (*Acacia*; *Allocasuarina littoralis*; *Casuarina suberosa*)

## ***Agrilus babai* Tôyama, 1988**

### ***Rutaceae***

*Citrus* {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

**Synopsis** OHMOMO & FUKUTOMI, 2013 [#9491] (*Citrus*)

## ***Agrilus baboquivariae* Fisher, 1928**

### ***Cannabaceae***

*Celtis ehrenbergiana* (Klotzsch) Liebm. {3}

KNULL, 1944! [#1546] (as *Celtis pallida* Torr.)



***Rhamnaceae****Condalia* {1}

NELSON et al., 1981 [#1903]

***Sapindaceae****Sapindus* {1}

NELSON et al., 1981 [#1903]

***Sapotaceae****Sideroxylon* {1}NELSON & WESTCOTT, 1976 [#1861] (as *Bumelia*)

**Synopsis** KNULL, 1944 [#1546] (*Celtis pallida*) – NELSON & WESTCOTT, 1976 [#1861] (*Bumelia*) – NELSON et al., 1981 [#1903] (*Condalia*; *Sapindus*) – NELSON et al., 2008 [#8377] (*Celtis*; *Bumelia*; *Condalia*; *Sapindus*)

***Agrilus babuinus* Curletti & Dutto, 1999*****Leguminosae****Acacia* {3}

CURLLETTI &amp; DUTTO, 1999! [#9058]

***Agrilus baili* Curletti, 2005*****Leguminosae****Inga oerstediana* Benth. {1}

CURLLETTI, 2005 [#7579]

***Agrilus balaenoides* Waterhouse, 1889*****Leguminosae****Acacia* {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus barberi* Fisher, 1928**

***Leguminosae***

*Robinia neomexicana* A. Gray {3}

KNULL, 1944! [#1546]

***Rhamnaceae***

*Rhamnus* {1}

NELSON et al., 1981 [#1903]

**Synopsis** KNULL, 1944 [#1546] (*Robinia neo-mexicana*) – NELSON et al., 1981 [#1903] (*Rhamnus*) – NELSON et al., 2008 [#8377] (*Rhamnus*; *Robinia*)

***Agrilus barri* Hespeneide & Westcott, 2011**

***Leguminosae***

*Cercidium* {1}

HESPEHEIDE & WESTCOTT, 2011 [#9316]

*Cercidium microphyllum* (Torr.) Rose & I. M. Johnst. {1}

HESPEHEIDE & WESTCOTT, 2011 [#9316] (as *Parkinsonia microphylla* Torr.)

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}

HESPEHEIDE & WESTCOTT, 2011 [#9316]

***Agrilus basilaris* Waterhouse, 1889**

***Leguminosae***

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

***Agrilus bauhiniae* Fisher, 1935**

***Leguminosae***

*Bauhinia abyssinica* A. Rich. {3}

FISHER, 1935! [#995]

***Agrilus beauprei beauprei* Théry, 1930*****Oleaceae****Fraxinus* {3}

CURRETTI &amp; MAGNANI, 1991! [#3255]

***Agrilus beauprei mourguesi* Schaefer, 1954*****Oleaceae****Fraxinus* {3}

SCHAEFER, 1968! [#2577]

*Fraxinus angustifolia* ssp. *oxycarpa* (Willd.) Franco & Roc {3}SCHAEFER, 1955! [#2572] (as *Fraxinus oxyphylla* M. Bieb.) – SCHAEFER, 1959 [#3284] (as *Fraxinus oxyphylla* M. Bieb.) – SCHAEFER, 1961 [#3757] (as *Fraxinus oxyphylla* M. Bieb.) – SCHAEFER, 1963! [#3591] (as *Fraxinus oxyphylla* M. Bieb.) – SCHAEFER, 1972 [#2579] (as *Fraxinus oxyphylla* M. Bieb.)*Fraxinus excelsior* L. {3}

SCHAEFER, 1959 [#3284] – SCHAEFER, 1963! [#3591] – SCHAEFER, 1972 [#2579]

**Synopsis** SCHAEFER, 1955 [#2572] (*Fraxinus oxyphylla*) (biology) – SCHAEFER, 1959 [#3284] (*Fraxinus oxyphylla*; *F. excelsior*) – SCHAEFER, 1961 [#3757] (*Fraxinus oxyphylla*) – SCHAEFER, 1963 [#3591] (*Fraxinus oxyphylla*; *F. excelsior*) (biology) – SCHAEFER, 1968 [#2577] (*Fraxinus*) – SCHAEFER, 1972 [#2579] (*Fraxinus oxyphylla*; *F. excelsior*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Fraxinus angustifolia*) – VERDUGO PAÉZ, 2005 [#7256] (*Fraxinus*)

***Agrilus benjamini* Fisher, 1928*****Fagaceae****Quercus* {1}

FISHER, 1928 [#980]

*Quercus alba* L. {1}

MACRAE, 1991 [#1760]

*Quercus macrocarpa* Michx. {1}

MACRAE &amp; NELSON, 2003 [#5977]

**Synopsis** FISHER, 1928 [#980] (*Quercus*) – MACRAE, 1991 [#1760] (*Quercus alba*) – MACRAE & NELSON, 2003 [#5977] (*Quercus macrocarpa*) – NELSON et al., 2008 [#8377] (*Quercus*)

## ***Agrilus bentseni* Knull, 1954**

### ***Euphorbiaceae***

*Bernardia myricifolia* (Scheele) S. Watson {1}

KNULL, 1966 [#1572] – MACRAE, 2006 [#7542]

**Synopsis** KNULL, 1966 [#1572] (*Bernardia myricaefolia*) – MACRAE, 2006 [#7542] (*Bernardia myricifolia*) – NELSON et al., 2008 [#8377] (*Bernardia*)

## ***Agrilus betulanigrae* MacRae, 2003**

### ***Betulaceae***

*Betula nigra* L. {3}

MACRAE, 2003! [#5976]

### ***Sapindaceae***

*Aesculus glabra* Willd. {3}

MACRAE, 2006! [#7542]

**Synopsis** MACRAE, 2003 [#5976] (*Betula nigra*) – MACRAE, 2006 [#7542] (*Aesculus glabra*) – NELSON et al., 2008 [#8377] (*Betula*; *Aesculus*)

## ***Agrilus betuleti* (Ratzeburg, 1837)**

**Synonyms** *foveicollis* Marseul; *impressicollis* Marseul; *tristis* Fügner (unavailable)

### ***Betulaceae***

*Betula* {3}

RATZEBURG, 1837! [#2498] – RATZEBURG, 1839! [#3675] – RATZEBURG, 1844 [#8764] – MARSEUL, 1866 [#676] – STIERLIN & GAUTARD, 1869 [#8271] – LEDER, 1872 [#5596] – BAUDUER, 1878 [#165] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – FAVRE & BUGNION, 1890 [#5593] – FÜGNER, 1891! [#3906] (as *tristis*) – STIERLIN, 1909 [#9006] – ESCHERICH, 1923! [#6717] – KROGERUS, 1925 [#3472] (as *impressicollis*) – MANDL, 1931 [#8501]

(as *foveicollis*) – RIKHTER, 1945! [#3507] – PALMÉN, 1946 [#7730] – IL'INSKIJ, 1948! [#5670] – ZOLOTARENKO, 1955! [#9618] – ALEXEEV, 1958! [#3982] – LAZORKO, 1963 [#8121] – KHRAMCOV & PADJ, 1965! [#8649] – FRANZ, 1974 [#4334] – HELLRIGL, 1975! [#1209] – KUBÁŇ, 1978 [#3474] – ALEXEEV & VOLKOVITSH, 1989! [#3241] – BRECHTEL & KOSTENBADER, 2002! [#5766] – KEJVAL et al., 2006 [#8865]

*Betula nana* L. {2}

SCHAEFER, 1949! [#2565]

*Betula pendula* Roth. {3}

HELLRIGL, 1978! [#3442] – NIEHUIS, 2004! [#6762] – ŠKORPÍK et al., 2011! [#9173]

*Betula pubescens* Ehrh. {3}

HORION, 1955! [#1285]

*Betula pubescens* var. *glabrata* Wahlenb. {3}

KANGAS, 1947! [#3622] (as *Betula odorata* Bechst.)

*Betula pubescens* var. *pubescens* Ehrh. {3}

SCHAEFER, 1949! [#2565] (as *Betula alba* L.) – HORION, 1955! [#1285] (as *Betula alba* L.) – NIEHUIS, 1988! [#1912] (as *Betula alba* L.) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2008 [#9238] (as *Betula alba* L.)

*Betula tianschanica* Rupr. {3}

TLEPPAEVA, 1999! [#6551]

## *Fagaceae*

*Quercus* {0}

ESCHERICH, 1923! [#6717] – ALEXEEV, 1989 [#64] (as *foveicollis*)

*Quercus mongolica* Fisch. ex Ledeb. {0}

TER MINASYAN, 1955! [#7893] (as *foveicollis*)

## *Rosaceae*

*Rosa damascena* Mill. {0}

MOKRZECKI, 1921! [#6103] (as *foveicollis*)

## *Salicaceae*

*Populus* {0}

ZOLOTARENKO, 1959! [#8868]

*Salix* {0}

BOLLA, 1859 [#7448] – PIC, 1909 [#5295] – GALIBERT, 1932 [#8312]

*Salix caprea* L. {0}

FRANZ, 1974 [#4334]

**Synopsis** RATZEBURG, 1837 [#2498] (*Betula*) – RATZEBURG, 1839 [#3675] (*Betula*) – RATZEBURG, 1844 [#8764] (*Betula*) – BOLLA, 1859 [#7448] (*Salix*) – MARSEUL, 1866 [#676] (*Betula*) – STIERLIN & GAUTARD, 1869 [#8271] (*Betula*) – LEDER, 1872 [#5596] (*Betula*) – KALTENBACH, 1874 [#8154] (*Betula*) – BAUDUER, 1878 [#165] (*Betula*) – ALTUM, 1881 [#4896] (*Betula*) – BAUDUER, 1883 [#5143] (*Betula*) – NÖRDLINGER, 1884 [#8879] (*Betula*) (biology) – JUDEICH & NITSCHÉ, 1889 [#5686] (*Betula*) (biology) – FAVRE & BUGNION, 1890 [#5593] (*Betula*) – FÜGNER, 1891 [#3906] (*Betula*) (as *tristis*) – LETZNER, 1892 [#4469] (*Betula*; *Quercus*) – JUDEICH & NITSCHÉ, 1895 [#8987] (*Betula*) – FÜRST, 1902 [#8989] (*Betula*) – NÜSSLIN, 1905 [#8992] (*Betula*) – PIC, 1909 [#5295] (*Salix*) – STIERLIN, 1909 [#9006] (*Betula*) – PIERCE, 1917 [#6667] (*Pinus*) – BEDEL, 1921 [#170] (*Betula alba*) – MOKRZECKI, 1921 [#6103] (*Rosa damascena*) (as *foveicollis*) (biology) – ESCHERICH, 1923 [#6717] (*Betula*; *Quercus*) – KROGERUS, 1925 [#3472] (*Betula*) (as *impressicollis*) – MANDL, 1931 [#8501] (*Betula*) (as *foveicollis*) – GALIBERT, 1932 [#8312] (*Salix*) – SAINTE CLAIRE, 1935 [#8551] (*Betula*) – RIKHTER, 1945 [#3507] (*Betula*) – PALMÉN, 1946 [#7730] (*Betula*) – KANGAS, 1947 [#3622] (*Betula verrucosa*; *B. odorata*) – IL'INSKIJ, 1948 [#5670] (*Betula*) – SCHAEFER, 1949 [#2565] (*Betula alba*; *B. nana*) (biology) – HORION, 1955 [#1285] (*Betula alba*; *B. pubescens*; *B. verrucosa*) (biology) – TER MINASYAN, 1955 [#7893] (*Betula*; *Quercus*) – TER MINASYAN, 1955 [#7893] (*Quercus mongolica*; *Betula*) (as *foveicollis*) – ZOLOTARENKO, 1955 [#9618] (*Betula*) – ALEXEEV, 1958 [#3982] (*Betula*) (biology) – ALEXEEV, 1959 [#3229] (*Betula*) – ALEXEEV, 1959 [#3229] (*Quercus*) (as *foveicollis*) – ZOLOTARENKO, 1959 [#8868] (*Populus*) – ALEXEEV, 1961 [#3243] (*Betula*) – BALACHOWSKY et al., 1962 [#96] (*Betula*) – IL'INSKIJ, 1962 [#8685] (*Betula*; *Salix*) – ZAGAIKEVICH, 1962 [#3249] (*Betula*) (biology) – LAZORKO, 1963 [#8121] (*Betula*) – KHRAMCOV & PADJ, 1965 [#8649] (*Betula*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Betula*) – FRANZ, 1974 [#4334] (*Betula*; *Salix caprea*) – HELLRIGL, 1975 [#1209] (*Betula*) (biology) – HELLRIGL, 1978 [#3442] (*Betula* sp.) (biology) – KUBÁŇ, 1978 [#3474] (*Betula*) – ALEXEEV, 1981 [#61] (*Betula*) – BÍLÝ, 1982 [#295] (*Betula*) (biology) – GOBBI, 1986 [#1100] (*Betula*) – NIEHUIS, 1988 [#1912] (*Betula alba*) (biology) – ALEXEEV, 1989 [#64] (*Betula*) – ALEXEEV, 1989 [#64] (*Quercus*) (as *foveicollis*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Betula*) – BÍLÝ, 1999 [#4478] (*Betula*) – TLEPPAEVA, 1999 [#6551] (*Betula tianshanica*) – STUMPF et al., 2001 [#5788] (*Betula*) – BÍLÝ, 2002 [#5877] (*Betula nana*; *B. pendula*; *B. pubescens*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Betula*) (biology) – HASTIR & GASPAS, 2002 [#6211] (*Betula verrucosa*; *B. pubescens*; *B. nana*) – YANYTSKY, 2003 [#9052] (*Betula*) – NIEHUIS, 2004 [#6762] (*Betula pendula*) (biology) – KEJVAL et al., 2006 [#8865] (*Betula*) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2008 [#9238] (*Betula alba*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Betula*) – ŠKORPÍK et al., 2011 [#9173] (*Betula pendula*) (biology)

## *Agrilus bifidus* Curletti & Brûlé, 2014

### *Leguminosae*

*Senna chrysocarpa* (Desv.) H. S. Irwin & Barneby {1}  
 CURLETTI & BRÛLÉ, 2014 [#9663]

***Agrilus biguttatus* (Fabricius, 1777)**

**Synonyms** *coerulescens* Schilsky (unavailable); *pannonicus* Piller & Mitterpacher

***Fagaceae***

*Castanea sativa* Mill. {3}

HELLRIGL, 1974 [#1207] – HELLRIGL, 1978! [#3442]

*Fagus* {3}

SCHAEFER, 1949! [#3285] – GOBBI, 1986 [#1100] – NIEHUIS, 2004 [#6762]

*Fagus sylvatica* L. {3}

GOBBI, 1970 [#1091]

*Quercus* {3}

BRAHM, 1791! [#4024] – PANZER, 1803! [#4051] – RATZEBURG, 1837! [#2498] – WEST, 1840! [#8781] – GOUREAU, 1843! [#4679] – FOURNEL & GÉHIN, 1846 [#4383] – KELCH, 1846 [#9290] – BACH, 1852 [#8076] – ROGER, 1856 [#7468] – CALWER, 1858 [#8204] – PRELLER, 1862 [#8876] – GOUREAU, 1867! [#7946] – KAWALL, 1867! [#8167] – LOKAJ, 1869 [#4332] – STIERLIN & GAUTARD, 1869 [#8271] – REITTER, 1870 [#4393] – SCHIÖDTE, 1870! [#5288] – BRANCSIK, 1871 [#5060] – HOCHHUTH, 1873 [#3453] – KLIKA, 1873! [#8199] – BREHM, 1877! [#8925] – HEYDEN, 1877! [#5716] – HEYDEN, 1877 [#8479] – BAUDUER, 1878 [#165] – NÖRDLINGER, 1880 [#4432] – ALTUM, 1881! [#4896] – WESTHOFF, 1881 [#3925] (as *pannonicus*) – JÄGER, 1884! [#5594] – NÖRDLINGER, 1884! [#8879] – DELHERM DE LARZENNE, 1885 [#3924] – JUDEICH & NITSCHKE, 1889! [#5686] (as *pannonicus*) – LETZNER, 1892! [#4469] (as *pannonicus*) – JUDEICH & NITSCHKE, 1895 [#8987] (as *pannonicus*) – HEYDEN, 1897! [#5286] (as *pannonicus*) – HEB, 1900! [#8936] – HEYDEN, 1904! [#5717] – MAYET, 1904 [#6062] – ELLIOTT & MORLEY, 1907! [#8725] – PIC, 1909! [#5295] – DAEHNE, 1912! [#3609] (as *coerulescens*) – DAEHNE, 1912! [#3609] – STROHMEYER, 1912! [#8164] – PÉNEAU, 1913! [#5270] – ESCHERICH, 1923! [#6717] – THÉRY, 1930! [#2754] – RAPP, 1934! [#8272] – RIKHTER, 1945! [#3507] – LEILER, 1947! [#9627] – IL'INSKIJ, 1948! [#5670] – SCHAEFER, 1949! [#3285] – JACQUIOT, 1950! [#9616] – HORION, 1955! [#1285] – SCHAEFER, 1955! [#2572] – YABLOKOV KHNZORYAN, 1957! [#5612] – ALEXEEV, 1958! [#3982] – PALM, 1959! [#9605] – IL'INSKIJ, 1962! [#8685] – PALM, 1962! [#3727] – KHRAMCOV & PADIJ, 1965! [#8649] – FRANZ, 1974 [#4334] – VOLKOVITSH, 1977! [#2985] – DANILEVSKY, 1979! [#6483] – FOSTER, 1987! [#4240] (as *pannonicus*) – ALLEN, 1988! [#4242] (as *pannonicus*) – NIEHUIS, 1988! [#1912] – NIEHUIS & TEZCAN, 1993 [#1910] – JONES, 1996! [#4273] (as *pannonicus*) – MORAAL & HILSZCZANSKI, 2000! [#5131] – MORAAL & HILSZCZANSKI, 2000! [#6255] – MORAAL & ACHTERBERG, 2001! [#5780] – STUMPF et al., 2001! [#5788] – NIEHUIS, 2004! [#6762] – VANSTEENKISTE et al., 2004! [#7130] – HILSZCZANSKI & SIERPINSKI, 2006! [#8567] – HIELSCHER & BAÜCKER, 2008! [#8582] – KLETECKA, 2009! [#9165] – PEDERSEN & JØRUM, 2009! [#8733] – PROKHOROV, 2009 [#9353]

*Quercus cerris* L. {3}

NOVAK, 1952 [#7830] – GOBBI, 1970 [#1091] – GOBBI, 1971! [#1092]

*Quercus dalechampii* Ten. {3}

ŠKORPÍK et al., 2011! [#9173]

*Quercus faginea* Lam. {3}

SAENZ & MATEO, 1990! [#6580]

*Quercus ilex* L. {3}

CAILLOL, 1913! [#4053]

*Quercus petraea* (Matt.) Liebl. {3}

WACHTENDORF, 1955 [#8568] (as *Quercus sessiliflora* Salisb.)

*Quercus pubescens* Willd. {3}

JAUBERT, 1858 [#1351] – CAILLOL, 1913! [#4053] – SCHAEFER, 1949 [#2565] – JACQUIOT, 1976! [#5679]

*Quercus robur* L. {3}

BEDDEL, 1921! [#170] – SCHAEFER, 1949 [#2565] – ZAKHAROV & LEVKOVICH, 1951! [#8638] – WACHTENDORF, 1955 [#8568] – REIBMANN, 2001! [#5983] – BRECHTEL & KOSTENBADER, 2002! [#5766] – ŠKORPÍK et al., 2011! [#9173] – ERMOLEV & VASIL'EV, 2013! [#9640] – VOLODCHENKO, 2013! [#9639]

*Quercus suber* L. {3}

LAMEY, 1893! [#9611] – TARENT'EV & STOLYAROVA, 1989! [#7869]

## ***Malvaceae***

*Tilia* {0}

NÖRDLINGER, 1880 [#4432]

## ***Salicaceae***

*Populus* {0}

KAILIDIS, 1970 [#9603]

## ***Ulmaceae***

*Ulmus laevis* Pall. {1}

BRECHTEL & KOSTENBADER, 2002! [#5766]

**Synopsis** BRAHM, 1791 [#4024] (*Quercus*) – PANZER, 1803 [#4051] (*Quercus*) – RATZEBURG, 1837 [#2498] (*Quercus*) – WEST, 1840 [#8781] (*Quercus*) – GOUREAU, 1843 [#4679] (*Quercus*) (biology) – FOURNEL & GÉHIN, 1846 [#4383] (*Quercus*) – KELCH, 1846 [#9290] (*Quercus*) – BACH, 1852 [#8076] (*Quercus*) – ROGER, 1856 [#7468] (*Quercus*) – CALWER, 1858 [#8204] (*Quercus*) – JAUBERT, 1858 [#1351]



(*Quercus pubescens*) – PRELLER, 1862 [#8876] (*Quercus*) – GERSTAECKER, 1863 [#8950] (*Quercus*) – GOUREAU, 1867 [#7946] (*Quercus*) (biology) – KAWALL, 1867 [#8167] (*Quercus*) (biology) – LOKAJ, 1869 [#4332] (*Quercus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Quercus*) – REITTER, 1870 [#4393] (*Quercus*) – SCHIÖDTE, 1870 [#5288] (*Quercus*) – BRANCSIK, 1871 [#5060] (*Quercus*) – CLAUDON, 1871 [#5339] (*Quercus*) – HOCHHUTH, 1873 [#3453] (*Quercus*) – KLIKA, 1873 [#8199] (*Quercus*) – KALTENBACH, 1874 [#8154] (*Quercus*) – BREHM, 1877 [#8925] (*Quercus*) (biology) – HEYDEN, 1877 [#8479] (*Quercus*) (biology) – HEYDEN, 1877 [#5716] (*Quercus*) – BAUDUER, 1878 [#165] (*Quercus*) – GOBERT, 1878 [#5294] (*Quercus*) (biology) – NÖRDLINGER, 1880 [#4432] (*Quercus*; *Tilia*) – ALTUM, 1881 [#4896] (*Quercus*) (biology) – WESTHOFF, 1881 [#3925] (*Quercus*) (as *pannonicus*) – BAUDUER, 1883 [#5143] (*Quercus*) (as *pannonicus*) – JÄGER, 1884 [#5594] (*Quercus*) (biology) – NÖRDLINGER, 1884 [#8879] (*Quercus*) (biology) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) – JUDEICH & NITSCHKE, 1889 [#5686] (*Quercus*) (as *pannonicus*) – LETZNER, 1892 [#4469] (*Quercus*) (as *pannonicus*) – LAMEY, 1893 [#9611] (*Quercus suber*) (biology) – STIERLIN, 1893 [#7652] (*Quercus*) – JUDEICH & NITSCHKE, 1895 [#8987] (*Quercus*) (as *pannonicus*) – FLEISCHER, 1896 [#9745] (*Quercus*) – HEYDEN, 1897 [#5286] (*Quercus*) (as *pannonicus*) – HEB, 1900 [#8936] (*Quercus*) (biology) – HEYDEN, 1904 [#5717] (*Quercus*) (biology) – MAYET, 1904 [#6062] (*Quercus*) – NÜSSLIN, 1905 [#8992] (*Quercus*) (as *pannonicus*) (biology) – ELLIOTT & MORLEY, 1907 [#8725] (*Quercus*) – SHCHEVYREV, 1907 [#8965] (*Quercus pedunculata*) – PIC, 1909 [#5295] (*Quercus*) – PÉNEAU, 1911 [#8928] (*Quercus*) – DAEHNE, 1912 [#3609] (*Quercus*) (as *coerulescens*) (biology) – DAEHNE, 1912 [#3609] (*Quercus*) (biology) – STROHMEYER, 1912 [#8164] (*Quercus*) (biology) – CAILLOL, 1913 [#4053] (*Quercus pubescens*; *Q. ilex*) (biology) – PÉNEAU, 1913 [#5270] (*Quercus*) (biology) – PIERCE, 1917 [#6667] (*Fagus*; *Quercus*) – BEDEL, 1921 [#170] (*Quercus robur*) (biology) – ESCHERICH, 1923 [#6717] (*Quercus*) (biology) – REH, 1927 [#8947] (*Quercus*) – THÉRY, 1930 [#2754] (*Quercus*) – RAPP, 1934 [#8272] (*Quercus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – POMERANCEV, 1938 [#4977] (*Quercus*) (biology) – RIKHTER, 1945 [#3507] (*Quercus*) – LEILER, 1947 [#9627] (*Quercus*) (biology) – IL'INSKIJ, 1948 [#5670] (*Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus robur*; *Q. pubescens*) (biology) – SCHAEFER, 1949 [#3285] (*Quercus*; *Fagus*) – JACQUIOT, 1950 [#9616] (*Quercus*) (biology) – ZAKHAROV & LEVKOVICH, 1951 [#8638] (*Quercus robur*) – NOVAK, 1952 [#7830] (*Quercus cerris*) – KAMP, 1954 [#9724] (*Quercus*) (biology) – MÜHLMANN, 1954 [#8152] (*Quercus*) – HORION, 1955 [#1285] (*Quercus*) (biology) – SCHAEFER, 1955 [#2572] (*Quercus*) – TER MINASYAN, 1955 [#7893] (*Quercus*) – WACHTENDORF, 1955 [#8568] (*Quercus sessiliflora*; *Q. robur*) (biology) – YABLOKOV KHNZORYAN, 1957 [#5612] (*Quercus*) (biology) – ALEXEEV, 1958 [#3982] (*Quercus*) (biology) – ALEXEEV, 1959 [#3229] (*Quercus*) – DAVATCHI et al., 1959 [#8098] (*Quercus*) – PALM, 1959 [#9605] (*Quercus*) (biology) – ALEXEEV, 1961 [#3243] (*Quercus*) – BALACHOWSKY et al., 1962 [#96] (*Quercus*) – IL'INSKIJ, 1962 [#8685] (*Quercus*) – PALM, 1962 [#3727] (*Quercus*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Quercus*) (biology) – KHRAMCOV & PADJ, 1965 [#8649] (*Quercus*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*) – GOTTWALD, 1968 [#1114] (*Quercus*) – GOBBI, 1970 [#1091] (*Quercus cerris*; *Fagus silvatica*) – KALIDIS, 1970 [#9603] (*Populus*) – GOBBI, 1971 [#1092] (*Quercus cerris*) – FRANZ, 1974 [#4334] (*Quercus*)

(biology) – HELLRIGL, 1974 [#1207] (*Castanea sativa*) – JACQUIOT, 1976 [#5679] (*Quercus pubescens*) (biology) – VOLKOVITSH, 1977 [#2985] (*Quercus*) – HELLRIGL, 1978 [#3442] (*Quercus*; *Fagus*; *Castanea*; erroneous *Populus*) (biology) – POPO, 1978 [#3499] (*Quercus*) – DANILEVSKY, 1979 [#6483] (*Quercus*) – ALEXEEV, 1981 [#61] (*Quercus*) – BÍLÝ, 1982 [#295] (*Quercus*; *Fagus*; *Castanea*) (biology) – ABAI & ADELI, 1984 [#5808] (*Quercus*) – GOBBI, 1986 [#1100] (*Quercus cerris*; *Fagus*) (biology) – FOSTER, 1987 [#4240] (*Quercus*) (as *pannonicus*) – ALLEN, 1988 [#4242] (*Quercus*) (as *pannonicus*) – NIEHUIS, 1988 [#1912] (*Quercus*) (biology) – TERENT'EV & STOLYAROVA, 1989 [#7869] (*Quercus suber*) – WEIDLICH, 1989 [#6165] (*Populus*) – SAENZ & MATEO, 1990 [#6580] (*Quercus faginea*) – ZEROVA et al., 1991 [#6339] (*Quercus*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Quercus*) – CURLETTI, 1994 [#658] (*Castanea*; *Fagus*; *Quercus*) – JAMES, 1994 [#4280] (*Quercus*) (as *pannonicus*) – JONES, 1996 [#4273] (*Quercus*) (as *pannonicus*) (biology) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) – BÍLÝ, 1999 [#4478] (*Quercus*) – DAJOZ, 2000 [#9682] (*Quercus*) (biology) – MORAAL & HILSZCZANSKI, 2000 [#6255] (*Quercus*) (biology) – MORAAL & ACHTERBERG, 2001 [#5780] (*Quercus*) (biology) – REIBMANN, 2001 [#5983] (*Quercus robur*) (biology) – STUMPF et al., 2001 [#5788] (*Quercus*) – BÍLÝ, 2002 [#5877] (*Castanea*; *Fagus*; *Quercus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus robur*; *Q. petraea*; *Ulmus laevis*) (biology) – HASTIR & GASPARD, 2002 [#6211] (*Quercus*; *Fagus*; *Castaneus*) – HUA LI ZHONG, 2002 [#6696] (*Quercus*) – VERDUGO PAÉZ, 2002 [#5794] (*Quercus pyrenaica*; *Quercus faginea*) – ALEXANDER, 2003 [#6826] (*Quercus*) – YANYTSKY, 2003 [#9052] (*Quercus*) – NIEHUIS, 2004 [#6762] (*Quercus*; *Fagus*) (biology) – VANSTEENKISTE et al., 2004 [#7130] (*Quercus*) (biology) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Quercus*) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus*; *Fagus*) – HILSZCZANSKI & SIERPINSKI, 2006 [#8567] (*Quercus*) – MÜHLE, 2007 [#8787] (*Quercus*) – HIELSCHER & BÄUCKER, 2008 [#8582] (*Quercus*) (biology) – NIKITSKII et al., 2008 [#8610] (*Quercus*) (biology) – KLETECKA, 2009 [#9165] (*Quercus*) (biology) – PEDERSEN & JØRUM, 2009 [#8733] (*Quercus*) (biology) – PROKHOROV, 2009 [#9353] (*Quercus*) – ŠKORPÍK et al., 2011 [#9173] (*Quercus delechampii*; *Q. robur*) (biology) – ERMOLEV & VASIL'EV, 2013 [#9640] (*Quercus robur*) – VOLODCHENKO, 2013 [#9639] (*Quercus robur*)

**Remarks** The primary larval host of *A. biguttatus* is *Quercus* but this species was reared also from other Fagaceae (*Castanea*, *Fagus*). The larval record from *Ulmus laevis* needs verification.

## *Agrilus bilineatus* (Weber, 1801)

### *Betulaceae*

#### *Ostrya* {1}

CRAIGHEAD, 1950 [#5409]

**Fagaceae***Castanea* {3}

HOPKINS, 1895! [#5580] – ANONYMOUS, 1914! [#9750] – NICOLAY, 1919 [#1908] – MUTCHLER & WEISS, 1922! [#1858]

*Castanea dentata* (Marshall) Borkh. {3}

CHITTENDEN, 1897! [#5332] – CHITTENDEN, 1909! [#9673] – CHAPMAN, 1915! [#484] – FISHER, 1928! [#980]

*Fagus* {0}

HARRINGTON, 1897 [#5472] – ANONYMOUS, 1914! [#9750]

*Fagus grandifolia* ssp. *grandifolia* Ehrh. {0}

FAULL, 1936! [#7867]

*Quercus* {3}

BLANCHARD, 1889 [#345] – HOPKINS, 1894! [#5578] – FELT, 1905! [#8224] – HOPKINS, 1907! [#5589] – ANONYMOUS, 1914! [#9750] – HOPKINS, 1916! [#5590] – MUTCHLER & WEISS, 1922! [#1858] – HAACK & BENJAMIN, 1982! [#5440] – STALTER & SERRAO, 1983! [#7218] – HAACK & ACCIAVATTI, 1992! [#5606]

*Quercus alba* L. {3}

HOPKINS, 1892! [#5576] – CHAPMAN, 1915! [#484] – FROST & WEISS, 1920 [#8210] – FISHER, 1928! [#980] – DECKER, 1933! [#9647] – DUNBAR & STEPHENS, 1975! [#7860] – COTE & ALLEN, 1980! [#626] – MUZIKA et al., 2000 [#6273]

*Quercus coccinea* Münchh. {3}

CHITTENDEN, 1909! [#9673] – CHAPMAN, 1915! [#484] – FISHER, 1928! [#980] – DUNBAR & STEPHENS, 1975! [#7860] – MUZIKA et al., 2000 [#6273]

*Quercus lyrata* Walter {3}

MACRAE & NELSON, 2003! [#5977]

*Quercus macrocarpa* Michx. {3}

CHAPMAN, 1915! [#484] – FISHER, 1928! [#980] – DECKER, 1933! [#9647]

*Quercus michauxii* Nutt. {3}

DUNBAR & STEPHENS, 1975! [#7860] (as *Quercus prinus* L.) – COTE & ALLEN, 1980! [#626] (as *Quercus prinus* L.) – MUZIKA et al., 2000 [#6273] (as *Quercus prinus* L.)

*Quercus muehlenbergii* Engelm. {3}

MACRAE, 2006! [#7542]

*Quercus rubra* L. {3}

CHAPMAN, 1915! [#484] – FROST & WEISS, 1920 [#8210] – FISHER, 1928! [#980] – DECKER, 1933! [#9647] – DUNBAR & STEPHENS, 1975! [#7860] – COTE & ALLEN, 1980! [#626] – MUZIKA et al., 2000 [#6273]

*Quercus velutina* Lam {3}

CHITTENDEN, 1909! [#9673] – FISHER, 1928! [#980] – DUNBAR & STEPHENS, 1975! [#7860] – COTE & ALLEN, 1980! [#626] – MUZIKA et al., 2000 [#6273]

**Synopsis** BLANCHARD, 1889 [#345] (*Quercus*) – HORN, 1891 [#4177] (*Quercus*) – HOPKINS, 1892 [#5576] (*Quercus alba*) – HOPKINS, 1893 [#5577] (*Quercus alba*; *Quercus velutina*; *Castanea*) – HOPKINS, 1894 [#5578] (*Quercus*) – HOPKINS,

1895 [#5580] (*Castanea*) – HOPKINS, 1896 [#5581] (*Quercus; Castanea*) – HOPKINS, 1896 [#5582] (*Quercus; Castanea*) – CHITTENDEN, 1897 [#5332] (*Castanea dentata*) – HARRINGTON, 1897 [#5472] (*Fagus*) – CHITTENDEN, 1900 [#5334] (*Castanea dentata; Quercus*) – ULKE, 1903 [#2939] (*Castanea; Gleditsia triacanthos*) – HOPKINS, 1904 [#5587] (*Castanea; Quercus*) – FELT, 1905 [#8224] (*Quercus*) (biology) – HOPKINS, 1907 [#5589] (*Quercus*) – CHITTENDEN, 1909 [#9673] (*Castanea dentata; Quercus coccinea; Q. velutina*) (biology) – ANONYMOUS, 1914 [#9750] (*Castanea; Quercus; Fagus*) (biology) – CHAPMAN, 1915 [#484] (*Quercus alba; Q. macrocarpa; Q. rubra; Q. coccinea; Castanea dentata*) (biology) – FELT, 1915 [#8234] (*Castanea; Quercus*) – HOPKINS, 1916 [#5590] (*Quercus*) – NICOLAY, 1919 [#1908] (*Castanea*) – FROST & WEISS, 1920 [#8210] (*Castanea; Quercus*) – KNULL, 1920 [#1508] (*Quercus; Castanea*) – MUTCHLER & WEISS, 1922 [#1858] (*Castanea; Quercus*) (biology) – CHAMBERLIN, 1926 [#468] (*Quercus alba; Q. rubra; Q. velutina; Q. coccinea; Q. macrocarpa; Castanea dentata; Fagus*) – FISHER, 1928 [#980] (*Quercus; Castanea*) – FISHER & NICOLAY, 1928 [#9786] (*Quercus; Castanea; Fagus*) – CRAIGHEAD & MIDDLETON, 1930 [#9752] (*Quercus*) – FELT & RANKIN, 1932 [#9677] (*Quercus*) (biology) – DECKER, 1933 [#9647] (*Quercus alba; Q. macrocarpa; Q. rubra*) (biology) – DOANE et al., 1936 [#7341] (*Quercus; Castanea*) (biology) – FAULL, 1936 [#7867] (*Fagus grandifolia*) (biology) – CRAIGHEAD, 1950 [#5409] (*Castanea; Quercus; Fagus; Ostrya*) (biology) – BEAL et al., 1952 [#9687] (*Quercus*) (biology) – ANDERSON, 1966 [#4908] (*Castanea*) (biology) – BAKER, 1972 [#95] (*Quercus; Castanea*) (biology) – STEIN & KENNEDY, 1972 [#9733] (*Quercus*) – DUNBAR & STEPHENS, 1975 [#7860] (*Quercus alba; Q. coccinea; Q. prinus; Q. rubra; Q. velutina*) – WELLSO et al., 1976 [#3079] (*Quercus*) – COTE & ALLEN, 1980 [#626] (*Quercus alba; Q. prinus; Q. rubra; Q. velutina*) (biology) – HAACK & BENJAMIN, 1982 [#5440] (*Quercus*) (biology) – STALTER & SERRAO, 1983 [#7218] (*Quercus*) – BRIGHT, 1987 [#379] (*Quercus; Castanea*) – HAACK & ACCIAVATTI, 1992 [#5606] (*Quercus*) (biology) – SOLOMON, 1995 [#7647] (*Castanea; Quercus; Fagus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Quercus alba; Q. coccinea; Q. macrocarpa; Q. rubra; Q. velutina; Q. nigra; Q. nuttallii; Q. prinoides; Q. palustris; Q. stellata*) – MUZIKA et al., 2000 [#6273] (*Quercus rubra; Q. alba; Q. prinus; Q. coccinea; Q. velutina*) – MACRAE & NELSON, 2003 [#5977] (*Quercus lyrata*) – CRANSHAW, 2004 [#9681] (*Quercus; Castanea*) (biology) – MACRAE, 2006 [#7542] (*Quercus muehlenbergii*) – NELSON et al., 2008 [#8377] (*Quercus; Abies*) – PAIERO et al., 2012 [#9293] (*Quercus*)

**Remarks** Host records for *Fagus* refer to *A. carpini*.

## *Agrilus birmanicus* Kerremans, 1892

**Synonyms** *giraudi* Baudon

***Leguminosae***

*Dalbergia sissoo* DC. {3}

STEBBING, 1914! [#2658] – BEESON, 1919! [#3395] – BEESON, 1941! [#178]

***Rosaceae***

*Rubus alceifolius* Poir. {0}

BAUDON, 1968 [#162] (as *giraudi*)

**Synopsis** STEBBING, 1914 [#2658] (*Dalbergia sissoo*) – BEESON, 1919 [#3395] (*Dalbergia sissoo*) – BEESON, 1941 [#178] (*Dalbergia sissoo*) (biology) – BAUDON, 1968 [#162] (*Rubus alceaefolius*) (as *giraudi*)

***Agrilus blandus* Horn, 1891*****Polygonaceae***

*Eriogonum* {3}

HESPENHEIDE et al., 2011 [#9050]

*Eriogonum elongatum* Benth. {3}

NELSON & WESTCOTT, 1976! [#1861]

*Eriogonum fasciculatum* Benth. {3}

NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** NELSON & WESTCOTT, 1976 [#1861] (*Eriogonum elongatum*; *E. fasciculatum*) – NELSON et al., 2008 [#8377] (*Eriogonum*) – HESPENHEIDE et al., 2011 [#9050] (*Eriogonum*)

***Agrilus boanoi* Curletti, 1998*****Boraginaceae***

*Cordia millenii* Baker {3}

CURLETTI, 1998! [#4514] (as *Cordia longipes* Baker)

***Agrilus boninensis* Kurosawa, 1963**

***Cannabaceae***

*Celtis boninensis* Koidz. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Celtis boninensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis boninensis*)

***Agrilus bonnottei* Bourgoïn, 1925**

***Leguminosae***

*Pterocarpus macrocarpus* Kurz {1}

BAUDON, 1968 [#162]

***Agrilus bonvouloirii* Murray, 1868**

**Synonyms** *ghesquierei* Théry

***Leguminosae***

*Albizia* {3}

THÉRY, 1937! [#2845] (as *ghesquierei*) – CURLETTI, 2002 [#5768]

*Albizia zygia* (DC.) J. F. Macbr. {2}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

**Synopsis** THÉRY, 1937 [#2845] (*Albizzia*) (as *ghesquierei*) – CURLETTI, 2002 [#5768] (*Albizzia*) – CURLETTI & VAYSSIÈRES, 2007 [#8004] (*Albizia zygia*)

***Agrilus bothrops* Curletti, 2005**

***Leguminosae***

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

***Agrilus braunsi* Obenberger, 1931*****Leguminosae***

*Acacia karroo* Hayne {1}

BELLAMY & WESTCOTT, 1995 [#3733]

*Acacia mellifera* (M. Vahl) Benth. {1}

CURLETTI & CRISTANO, 2013 [#9706]

**Synopsis** BELLAMY & WESTCOTT, 1995 [#3733] (*Acacia karroo*) – CURLETTI & CRISTANO, 2013 [#9706] (*Acacia mellifera*)

***Agrilus breuningi* Descarpentries & Villiers, 1963*****Leguminosae***

*Dalbergia* {1}

BAUDON, 1968 [#162]

***Agrilus brevicornis* Guérin, 1840*****Leguminosae***

*Albizia lebbek* (L.) Benth. {1}

GUÉRIN, 1840 [#1140] (as *Acacia lebbeck* (L.) Willd.)

***Agrilus brevis* Carter, 1924*****Casuarinaceae***

*Allocasuarina huegeliana* (Miq.) L. A. S. Johnson {3}

CURLETTI, 2001! [#5025] (as *Casuarina huegeliana* Miq.)

**Synopsis** CURLETTI, 2001 [#5025] (*Casuarina huegeliana*) – BELLAMY, 2002 [#5764] (*Casuarina huegeliana*) – BELLAMY et al., 2013 [#9486] (*Allocasuarina huegeliana*)

**Agrilus buresi** Obenberger, 1935**Fagaceae***Quercus* {1}

NIEHUIS &amp; TEZCAN, 1993 [#1910]

**Synopsis** NIEHUIS & TEZCAN, 1993 [#1910] (*Quercus*) – MÜHLE et al., 2000 [#4970] (*Quercus*)

**Remarks** *Agrilus buresi* is closely related to *A. sulcicollis* which develops primarily in oaks. *Quercus* is likely the larval host also for this species.

**Agrilus burkei** Fisher, 1917**Betulaceae***Alnus incana* ssp. *tenuifolia* (Nutt.) Breitung. {3}

BURKE, 1917! [#406] (as *Alnus tenuifolia* (Nutt.) Breitung.) – FISHER, 1917! [#961] (as *Alnus tenuifolia* (Nutt.) Breitung.) – FISHER, 1928! [#980] (as *Alnus tenuifolia* (Nutt.) Breitung.)

*Alnus rhombifolia* Nutt. {3}

BURKE, 1917 [#407] – BURKE, 1917! [#406] – FISHER, 1917! [#961] – FISHER, 1928! [#980]

*Alnus rubra* Bong. {2}

MASER &amp; BEER, 1971 [#1788]

**Synopsis** BURKE, 1917 [#407] (*Alnus rhombifolia*) – BURKE, 1917 [#406] (*Alnus tenuifolia*; *A. rhombifolia*) (biology) – FISHER, 1917 [#961] (*Alnus rhombifolia*; *A. tenuifolia*) – FROST & WEISS, 1920 [#9782] (*Alnus rhombifolia*; *A. tenuifolia*) – CHAMBERLIN, 1926 [#468] (*Alnus rotundifolia*; *A. tenuifolia*) – FISHER, 1928 [#980] (*Alnus rhombifolia*; *A. tenuifolia*) – DOANE et al., 1936 [#7341] (*Alnus*) – BARR, 1971 [#136] (*Alnus*) – MASER & BEER, 1971 [#1788] (*Alnus rubra*) – BRIGHT, 1987 [#379] (*Alnus*) – SOLOMON, 1995 [#7647] (*Alnus*) (biology) – NELSON & HESPENHEIDE, 1998 [#4548] (*Alnus rhombifolia*; *A. tenuifolia*) – NELSON et al., 2008 [#8377] (*Alnus*)

**Agrilus caepa** Curletti & Dutto, 1999**Leguminosae***Tamarindus* {3}

CURLETTI &amp; DUTTO, 1999! [#9059]



***Agrilus caesalpiniae* Hespeneide, 1990*****Leguminosae***

*Caesalpinia eriostachys* Benth. {3}

HESPENHEIDE, 1990! [#1229]

*Caesalpinia sclerocarpa* Standl. {3}

HESPENHEIDE, 1990! [#1229]

***Agrilus cailloli malariae* Curletti & Dutto, 1999*****Leguminosae***

*Acacia* {3}

CURLETTI & DUTTO, 1999! [#9059]

***Agrilus canaliculatus* Kerremans, 1898**

**Synonyms** *cyaniventris* Théry

***Leguminosae***

*Acacia tortilis* ssp. *spirocarpa* (A. Rich.) Brenan {1}

DESCARPENTRIES, 1959 [#727] (as *cyaniventris*) (as *Acacia spirocarpa* (A. Rich.) Brenan)

***Agrilus carinihumeralis* Kurosawa, 1964*****Euphorbiaceae***

*Mallotus japonicus* (L. f.) Müll. Arg. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

***Lauraceae***

*Machilus thunbergii* Siebold & Zucc. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

## ***Malvaceae***

*Hibiscus tiliaceus* L. {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

## ***Symplocaceae***

*Symplocos microcalyx* Hayata {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Symplocos microcalyx*; *Mallotus japonicus*; *Machilus thunbergii*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Hibiscus tiliaceus*; *Mallotus japonicus*; *Machilus thunbergii*; *Symplocos microcalyx*)

## ***Agrilus carissimus* (Waterhouse, 1889)**

### ***Leguminosae***

*Cassia* {1}

BELLAMY & HESPENHEIDE, 2002 [#5978]

## ***Agrilus carpini* Knull, 1923**

**Synonyms** *azureus* Knull

## ***Adoxaceae***

*Viburnum* {1}

NELSON et al., 1981 [#1903]

## ***Betulaceae***

*Carpinus* {3}

WESTCOTT, 2001! [#5090]

*Carpinus caroliniana* Walter {3}

KNULL, 1922! [#1509] (as *azureus*) – FISHER, 1928! [#980]

*Ostrya virginiana* (Mill.) K. Koch {3}

FISHER, 1928! [#980]

***Fagaceae***

*Fagus grandifolia* ssp. *grandifolia* Ehrh. {3}

FISHER, 1928! [#980]

***Leguminosae***

*Gleditsia triacanthos* L. {1}

SOLOMON, 1995 [#7647]

**Synopsis** KNULL, 1922 [#1509] (*Carpinus caroliniana*; *Fagus americana*) (as *azureus*) – FISHER, 1928 [#980] (*Fagus grandifolia*; *Carpinus caroliniana*; *Ostrya virginiana*) – DOANE et al., 1936 [#7341] (*Fagus*) – WELLSO et al., 1976 [#3079] (*Ostrya*) – NELSON et al., 1981 [#1903] (*Viburnum*) – BRIGHT, 1987 [#379] (*Carpinus*; *Fagus*; *Ostrya*) – SOLOMON, 1995 [#7647] (*Carpinus*; *Ostrya*; *Gleditsia*) – DOWNIE & ARNETT, 1996 [#6170] (*Fagus grandiflora*; *Carpinus caroliniana*; *Ostrya virginiana*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Carpinus caroliniana*; *Fagus grandifolia*; *Ostrya virginiana*) – WESTCOTT, 2001 [#5090] (*Carpinus*) – NELSON et al., 2008 [#8377] (*Carpinus*; *Fagus*; *Ostrya*) – PAIERO et al., 2012 [#9293] (*Carpinus*; *Fagus*; *Ostrya*)

***Agrilus carterellus* Obenberger, 1959*****Euphorbiaceae***

*Claoxylon australe* Baill. ex Müll. Arg. {3}

BELLAMY et al., 2013! [#9486]

***Agrilus castus* Descarpentries & Villiers, 1963*****Connaraceae***

*Connarus cochinchinensis* (Baill.) Pierre {1}

BAUDON, 1968 [#162]

***Agrilus cavatus* Chevrolat, 1838*****Anacardiaceae***

*Schmaltzia choriophylla* (Wooton & Standl.) F. A. Barkley {1}

NELSON, 1965 [#1873] (as *Rhus choriophylla* Wooton & Standl.)

## ***Leguminosae***

*Acacia* {1}

NELSON & WESTCOTT, 1976 [#1861]

*Acacia angustissima* var. *suffrutescens* (Rose) Isely {1}

WALTERS & BELLAMY, 1982 [#3033]

**Synopsis** NELSON, 1965 [#1873] (*Rhus chlorophylla*) – NELSON & WESTCOTT, 1976 [#1861] (*Acacia*) – WALTERS & BELLAMY, 1982 [#3033] (*Acacia angustissima* var. *suffrutescens*) – NELSON et al., 2008 [#8377] (*Acacia*)

## ***Agrilus cavifrons* Waterhouse, 1889**

### ***Cannabaceae***

*Celtis ehrenbergiana* (Klotzsch) Liebm. {3}

KNULL, 1937 [#1529] (as *Celtis pallida* Torr.) – KNULL, 1944 [#1546] (as *Celtis pallida* Torr.) – MACRAE, 2006! [#7542] (as *Celtis pallida* Torr.)

*Celtis iguanaea* (Jacq.) Sarg. {3}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

**Synopsis** KNULL, 1937 [#1529] (*Celtis pallida*) – KNULL, 1944 [#1546] (*Celtis pallida*) – MACRAE, 2006 [#7542] (*Celtis pallida*) – WESTCOTT & HESPENHEIDE, 2006 [#7908] (*Celtis iguanaeus*) – NELSON et al., 2008 [#8377] (*Celtis*)

## ***Agrilus celti* Knull, 1920**

### ***Betulaceae***

*Corylus americana* Walter {1}

MACRAE, 1991 [#1760]

### ***Cannabaceae***

*Celtis laevigata* Willd. {2}

MACRAE, 1991 [#1760]

*Celtis occidentalis* L. {3}

KNULL, 1920! [#1508] – FISHER, 1928! [#980] – MACRAE, 1991! [#1760]

*Celtis tenuifolia* Nutt. {2}

MACRAE, 1991 [#1760]

***Juglandaceae***

*Carya illinoensis* (Wangenh.) K. Koch {1}

NELSON et al., 1981 [#1903]

***Leguminosae***

*Cercis canadensis* L. {1}

MACRAE, 1991 [#1760]

*Gleditsia triacanthos* L. {1}

MACRAE, 1991 [#1760]

**Synopsis** FROST & WEISS, 1920 [#9782] (*Celtis occidentalis*) – KNULL, 1920 [#1508] (*Celtis occidentalis*) – CHAMBERLIN, 1926 [#468] (*Celtis occidentalis*) – FISHER, 1928 [#980] (*Celtis occidentalis*) – STEIN & KENNEDY, 1972 [#9733] (*Celtis*) – WELLSO et al., 1976 [#3079] (*Celtis*) – NELSON et al., 1981 [#1903] (*Carya illinoensis*) – BRIGHT, 1987 [#379] (*Celtis*) – MACRAE, 1991 [#1760] (*Celtis*; *Cercis*; *Corylus*; *Gleditsia*) – DOWNIE & ARNETT, 1996 [#6170] (*Celtis occidentalis*) – NELSON et al., 2008 [#8377] (*Celtis*; *Cercis*; *Corylus*; *Gleditsia*) – PAIERO et al., 2012 [#9293] (*Celtis*)

***Agrilus centralis* Waterhouse, 1889*****Leguminosae***

*Senna bicapsularis* (L.) Roxb. {1}

WESTCOTT et al., 1990 [#3086] (as *Cassia emarginata* L.)

***Agrilus centunculus* Curletti, 2005*****Sapindaceae***

*Matayba scrobiculata* Radlk. {1}

CURLETTI, 2005 [#7579]

## ***Agrilus cephalicus* LeConte, 1860**

### ***Betulaceae***

*Corylus americana* Walter {1}  
FROST & WEISS, 1920 [#8210]

### ***Cornaceae***

*Cornus florida* L. {3}  
KNULL, 1920! [#1508] – KNULL, 1922! [#1509] – HESPENHEIDE, 1973! [#1220] –  
MACRAE, 1991 [#1760]  
*Cornus kousa* F. Buerger ex Hance {3}  
HANSEN et al., 2012! [#9388]  
*Cornus racemosa* Lam. {2}  
NELSON & WESTCOTT, 1976 [#1861]

### ***Fagaceae***

*Quercus* {1}  
JOHNSON, 1916 [#9785]

### ***Juglandaceae***

*Juglans nigra* L. {1}  
MACRAE, 1991 [#1760]

**Synopsis** JOHNSON, 1916 [#9785] (*Quercus*) – FROST & WEISS, 1920 [#8210] (*Cornus florida*; *Corylus americana*) – KNULL, 1920 [#1508] (*Cornus florida*) – KNULL, 1922 [#1509] (*Cornus florida*) – MUTCHLER & WEISS, 1922 [#1858] (*Cornus florida*; *Corylus americana*) – CHAMBERLIN, 1926 [#468] (*Corylus americana*; *Cornus florida*) – FISHER, 1928 [#980] (*Cornus florida*) – HESPENHEIDE, 1973 [#1220] (*Cornus florida*) – NELSON & WESTCOTT, 1976 [#1861] (*Cornus racemosa*) – WELLSO et al., 1976 [#3079] (*Cornus*) – BRIGHT, 1987 [#379] (*Cornus florida*) – MACRAE, 1991 [#1760] (*Cornus florida*; *Juglans nigra*) – SOLOMON, 1995 [#7647] (*Cornus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Cornus florida*) – NELSON et al., 2008 [#8377] (*Cornus*; *Juglans*) – HANSEN et al., 2012 [#9388] (*Cornus kousa*) – PAIERO et al., 2012 [#9293] (*Cornus*)

***Agrilus cercidii* Knull, 1937*****Leguminosae***

*Cercidium floridum* ssp. *floridum* A. Gray {1}

KNULL, 1937 [#1529] (as *Cercidium torreyanum* (S. Watson) Sarg.)

*Prosopis* {1}

WESTCOTT, 1991 [#3085]

**Synopsis** KNULL, 1937 [#1529] (*Cercidium torreyanum*) – WESTCOTT, 1991 [#3085] (*Prosopis*) – NELSON et al., 2008 [#8377] (*Cercidium*)

***Agrilus cerinoguttatus* Chevrolat, 1835*****Leguminosae***

*Acacia* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

***Agrilus cervus* Curletti, 2006*****Fagaceae***

*Castanopsis acuminatissima* (Blume) A. DC. {1}

CURLETTI, 2006 [#7966]

*Lithocarpus* {1}

CURLETTI, 2006 [#7966]

***Agrilus chamelae* Hespeneide, 1990*****Leguminosae***

*Lonchocarpus* {1}

HESPENHEIDE, 1990 [#1229]

## ***Agrilus champlaini* Frost, 1912**

### ***Betulaceae***

*Alnus incana* (L.) Moench {3}

FROST, 1920! [#9185]

*Carpinus caroliniana* Walter {3}

KNULL, 1947! [#1549]

*Ostrya virginiana* (Mill.) K. Koch {3}

FROST, 1912! [#5403] (as *Ostrya virginica* (Münchh.) Willd.)

**Synopsis** FROST, 1912 [#5403] (*Ostrya virginica*) – BRITTON, 1913 [#5075] (*Ostrya virginiana*) (biology) – FROST, 1920 [#9185] (*Alnus incana*) – FROST & WEISS, 1920 [#8210] (*Ostrya virginica*) – CHAMBERLIN, 1926 [#468] (*Ostrya virginica*) – FISHER, 1928 [#980] (*Ostrya virginiana*) – KNULL, 1947 [#1549] (*Carpinus caroliniana*) – WELLSO et al., 1976 [#3079] (*Ostrya*) – BRIGHT, 1987 [#379] (*Ostrya virginiana*) – NELSON & MACRAE, 1990 [#1864] (*Ostrya virginiana*) – MACRAE, 1991 [#1760] (*Ostrya virginiana*) – SOLOMON, 1995 [#7647] (*Ostrya*; *Carpinus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Ostrya virginiana*) – KOROTYAEV et al., 2005 [#7284] (*Ostrya virginica*) – NELSON et al., 2008 [#8377] (*Carpinus*; *Ostrya*) – PAIERO et al., 2012 [#9293] (*Carpinus*; *Ostrya*)

**Remarks** *Alnus incana* as a larval host record given by FROST (1920) was supported by the adult torso found in the gall but identified with doubts.

## ***Agrilus chekiangensis* Gebhardt, 1929**

### ***Anacardiaceae***

*Toxicodendron trichocarpum* (Miq.) Kuntze {1}

OHMOMO & FUKUTOMI, 2013 [#9491] (as *Rhus trichocarpa* Miq.)

## ***Agrilus chionochaetus* Obenberger, 1913**

### ***Amaranthaceae***

*Salsola damascena* Botsch. {1}

VOLKOVITSH, 2004 [#7001]

*Salsola vermiculata* L. {1}

VOLKOVITSH, 2004 [#7001]



***Agrilus chiricahuae* Fisher, 1928*****Fagaceae****Quercus* {3}

FISHER, 1928 [#980]

*Quercus gambelii* Nutt. {2}NELSON & WESTCOTT, 1976 [#1861] (as *Quercus utahensis* (A. DC.) Rydb.)*Quercus hypoleucoides* A. Camus {3}

NELSON &amp; WESTCOTT, 1976 [#1861] – MACRAE &amp; NELSON, 2003! [#5977]

***Leguminosae****Mimosa* {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

***Platanaceae****Platanus racemosa* var. *wrightii* (S. Watson) L. D. Benson {1}NELSON & WESTCOTT, 1976 [#1861] (as *Platanus wrightii* S. Watson)

**Synopsis** FISHER, 1928 [#980] (*Quercus*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus utahensis*; *Q. hypoleucoides*; *Platanus wrightii*; *Mimosa*) – MACRAE & NELSON, 2003 [#5977] (*Quercus hypoleucoides*) – NELSON et al., 2008 [#8377] (*Quercus*; *Mimosa*; *Platanus*)

***Agrilus chlorophyllus* Abeille de Perrin, 1904**

**Synonyms** *esfandiarinus* Davatchi; *pistaciophagus* Alexeev & Kulinitsh

***Anacardiaceae****Pistacia* {3}

SALAVATIAN, 1950! [#5627] (as *esfandiarinus*) – DAVATCHI et al., 1959! [#8098] (as *esfandiarinus*) – MAKHNOVSKIJ, 1959! [#5829] (misidentified as *tschitscherini*) – KULINITSH, 1963! [#8648] (as *pistaciophagus*) – GENTRY, 1965! [#8590] (as *esfandiarinus*) – MAKHNOVSKIJ, 1966! [#7356] (as *pistaciophagus*) –

KADYROV, 1973! [#8632] (as *pistaciophagus*) – KADYROV, 1973! [#8631] (as *pistaciophagus*) – KADYROV, 1976! [#3461] (as *pistaciophagus*)

*Pistacia atlantica* Desf. {2}

DAVATCHI, 1958! [#3658] (as *esfandiarinus*) (as *Pistacia mutica* Fisch. & C. A. Mey.)

*Pistacia palaestina* Boiss. {2}

HALPERIN & ARGAMAN, 2000! [#5124]

*Pistacia vera* L. {3}

ZNAMENSKIJ, 1960! [#8676] (misidentified as *tschitscherini*) – ALEXEEV & KULINITSH, 1962! [#3235] (as *pistaciophagus*) – ROMANENKO, 1976! [#8635] (as *pistaciophagus*) – ALEXEEV, 1993! [#4889] (as *pistaciophagus*) – NIEHUIS & TEZCAN, 1993 [#1910]

**Synopsis** SALAVATIAN, 1950 [#5627] (*Pistacia*) (as *esfandiarinus*) – TER MINASYAN, 1955 [#7893] (*Pistacia*) (as *pistaciophagus*) – DAVATCHI, 1958 [#3658] (*Pistacia mutica*) (as *esfandiarinus*) – DAVATCHI et al., 1959 [#8098] (*Pistacia*) (as *esfandiarinus*) – MAKHNOVSKIJ, 1959 [#5829] (*Pistacia*) (biology) – ZNAMENSKIJ, 1960 [#8676] (*Pistacia vera*) (biology) – ALEXEEV & KULINITSH, 1962 [#3235] (*Pistacia vera*) (as *pistaciophagus*) – BALACHOWSKY et al., 1962 [#96] (*Pistacia mutica*) (as *esfandiarinus*) (biology) – KULINITSH, 1963 [#8648] (*Pistacia*) (as *pistaciophagus*) – ZNAMENSKIJ, 1963 [#8647] (*Pistacia*) (as *pistaciophagus*) – GENTRY, 1965 [#8590] (*Pistacia*) (as *esfandiarinus*) – MAKHNOVSKIJ, 1966 [#7356] (*Pistacia*) (as *pistaciophagus*) (biology) – ADELI, 1972 [#4871] (*Pistacia*) (as *esfandiarinus*) – KADYROV, 1973 [#8632] (*Pistacia*) (as *pistaciophagus*) – KADYROV, 1973 [#8631] (*Pistacia*) (as *pistaciophagus*) (biology) – GURYEVA, 1974 [#5428] (*Pistacia vera*; *P. mutica*) (as *esfandiarinus*) – GURYEVA, 1974 [#5428] (*Pistacia*) (as *pistaciophagus*) – KADYROV, 1976 [#3461] (*Pistacia*) (as *pistaciophagus*) – ROMANENKO, 1976 [#8635] (*Pistacia vera*) (as *pistaciophagus*) (biology) – HELLRIGL, 1978 [#3442] (*Pistacia mutica*) (as *esfandiarinus*) – ABAI & ADELI, 1984 [#5808] (*Pistacia*) (as *esfandiarinus*) – VOLKOVITSH & ALEXEEV, 1992 [#2973] (*Pistacia vera*) (as *pistaciophagus*) – ALEXEEV, 1993 [#4889] (*Pistacia vera*) (as *pistaciophagus*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Pistacia vera*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Pistacia*) (as *pistaciophagus*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Pistacia palaestina*) – VENGOLOVSKII et al., 2008 [#9636] (*Pistacia*) (as *pistaciophagus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Pistacia*)

## ***Agrilus chobauti* Abeille de Perrin, 1897**

### ***Hypericaceae***

*Hypericum perforatum* L. {1}

THÉRY, 1930 [#2754]

***Agrilus chrysobothroides* Hespeneheide, 2009*****Leguminosae****Cassia* {1}

HESPENHEIDE, 2009 [#9314]

*Mimosa* {1}

HESPENHEIDE, 2009 [#9314]

*Senna polyantha* (Collad.) H. S. Irwin & Barneby {1}

HESPENHEIDE, 2009 [#9314]

***Agrilus chujoi* Kurosawa, 1985*****Leguminosae****Pueraria montana* var. *lobata* (Willd.) Sanjappa & Pradeep {3}KUROSAWA, 1985! [#1640] (as *Pueraria thunbergiana* (Siebold & Zucc.) Benth.)

**Synopsis** KUROSAWA, 1985 [#1640] (*Pueraria thunbergiana*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Pueraria thunbergiana*) – JENDEK, 2001 [#5211] (*Pueraria thunbergiana*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Pueraria thunbergiana*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Pueraria thunbergiana*)

***Agrilus cinctus* (Olivier, 1790)*****Hypericaceae****Hypericum perforatum* L. {0}

BACH, 1867 [#8077]

*Hypericum pulchrum* L. {0}

BACH, 1867 [#8077]

***Leguminosae****Cytisus balansae* ssp. *europaeus* (G. Lopez & C. E. Jarvis) Munoz Ga {3}

SCHAEFER, 1949! [#2565] (as *Genista purgans* (L.) DC.) – SCHAEFER, 1951 [#3283] (as *Genista purgans* (L.) DC.) – SCHAEFER, 1972! [#2579] (as *Genista purgans* (L.) DC.)

*Cytisus scoparius* (L.) Link {3}

LACORDAIRE, 1835 [#3892] – PERRIS, 1851! [#3721] – MARSEUL, 1866! [#676] – CLAUDON, 1870 [#4656] – GOBERT, 1878! [#5294] – DELHERM DE LARCENNE, 1885 [#3924] – XAMBEU, 1893! [#7788] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762]

*Genista cinerea* (Vill.) DC. {3}

SCHAEFER, 1949! [#2565] – SCHAEFER, 1972! [#2579]

*Genista scorpius* (L.) DC. {3}

XAMBEU, 1893! [#7788]

*Genista tinctoria* L. {3}

GREDLER, 1863 [#4680] – SCHAEFER, 1949! [#2565]

*Sarothamnus* {3}

NIEHUIS, 1974 [#3629] – SCHAEFER, 1984 [#2580]

*Spartium* {3}

SCRIBA, 1861 [#8717]

*Spartium junceum* L. {3}

Gobbi, 1974 [#1095]

**Synopsis** LACORDAIRE, 1835 [#3892] (*Cytisus scoparius*) – PERRIS, 1851 [#3721] (*Cytisus scoparius*) (biology) – SCRIBA, 1861 [#8717] (*Spartium*) – GREDLER, 1863 [#4680] (*Genista tinctoria*) – SCRIBA, 1865 [#8927] (*Spartium scoparium*) – MARSEUL, 1866 [#676] (*Cytisus scoparius*) – BACH, 1867 [#8077] (*Hypericum pulchrum*; *Hypericum perforatum*) – CLAUDON, 1870 [#4656] (*Cytisus scoparius*) – HEYDEN, 1877 [#8479] (*Spartium scoparium*) – HEYDEN, 1877 [#5716] (*Spartium scoparium*) – GOBERT, 1878 [#5294] (*Cytisus scoparius*) (biology) – DELHERM DE LARCENNE, 1885 [#3924] (*Cytisus scoparius*) – REY, 1891 [#3666] (*Sarothamnus vulgaris*) – XAMBEU, 1893 [#7788] (*Cytisus scoparius*; *Genista scorpius*) (biology) – HEYDEN, 1897 [#5286] (*Spartium scoparium*) – HEYDEN, 1904 [#5717] (*Spartium scoparium*) – PIERRE, 1905 [#9609] (*Sarothamnus scoparius*) (biology) – GAVOY, 1907 [#9493] (*Sarothamnus scoparius*) – PIC, 1909 [#5295] (*Sarothamnus scoparius*) – CAILLOL, 1913 [#4053] (*Sarothamnus scoparius*; *Genista scorpius*) (biology) – BEDEL, 1921 [#170] (*Sarothamnus scoparius*) (biology) – SAINTE CLAIRE, 1935 [#8551] (*Sarothamnus scoparius*) – SCHAEFER, 1949 [#3285] (*Sarothamnus scoparius*) (biology) – SCHAEFER, 1949 [#2565] (*Genista cinerea*; *G. purgans*; *G. tinctoria*; *Sarothamnus scoparius*) (biology) – SCHAEFER, 1951 [#3283] (*Sarothamnus scoparius*; *Genista purgans*) – HORION, 1955 [#1285] (*Sarothamnus scoparius*; *Genista cinerea*; *G. purgans*; not on *Spartium* or spinate *Genista*) (biology) – ALEXEEV, 1959 [#3229] (*Genista*) – SCHAEFER, 1963 [#3591] (*Sarothamnus scoparius*; *Genista purgans*) – SCHAEFER, 1968 [#2577] (*Sarothamnus scoparius*) – SCHAEFER, 1972 [#2579] (*Sarothamnus scoparius*; *Genista cinerea*; *G. purgans*) – FRANZ, 1974 [#4334] (*Genista*; *Sarothamnus scoparius*) – GOBBI, 1974 [#1095] (*Spartium junceum*) – HELLRIGL, 1974 [#1207] (*Genista tinctoria*) – NIEHUIS, 1974 [#3629] (*Sarothamnus*) – HELLRIGL, 1978 [#3442] (*Sarothamnus*; *Spartium*; *Genista*) (biology) – CURLETTI, 1983 [#646] (*Sarothamnus scoparius*; *Genista cinerea*; *G. purgans*) – BALAZUC, 1984 [#8012]

(*Sarothamnus scoparius*) – SCHAEFER, 1984 [#2580] (*Sarothamnus*) – GOBBI, 1986 [#1100] (*Sarothamnus*; *Genista*) – NIEHUIS, 1988 [#3384] (*Sarothamnus scoparius*) – NIEHUIS, 1988 [#1912] (*Sarothamnus scoparius*) (biology) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Cytisus scoparius*) – STUMPF et al., 2001 [#5788] (*Sarothamnus scoparius*) – BÍLÝ, 2002 [#5877] (*Cytisus*; *Genista*; *Sarothamnus*; *Spartium*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Cytisus scoparius*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Sarothamnus scoparius*; *Genista cinerea*; *Genista purgans*; *Genista tinctoria*) – NIEHUIS, 2004 [#6762] (*Cytisus scoparius*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Genista*; *Cytisus*; *Sarothamnus*; *Spartium*)

**Remarks** *Agrilus cinctus* develops in Leguminosae (*Cytisus*, *Genista*, *Sarothamnus*, *Spartium*). The record for *Hypericum* is misidentification of *A. hyperici*.

## ***Agrilus cladrastis* Knull, 1945**

### ***Leguminosae***

*Cladrastis kentukea* (Dum. Cours.) Rudd {1}

KNULL, 1945 [#1547] (as *Cladrastis lutea* Raf.) – NELSON et al., 1981 [#1903] (as *Cladrastis lutea* Raf.)

**Synopsis** KNULL, 1945 [#1547] (*Cladrastis lutea*) – NELSON et al., 1981 [#1903] (*Cladrastis lutea*) – MACRAE, 1991 [#1760] (*Cladrastis lutea*) – DOWNIE & ARNETT, 1996 [#6170] (*Cladrastis lutea*) – NELSON et al., 2008 [#8377] (*Cladrastis*) – PAIERO et al., 2012 [#9293] (*Cladrastis*)

## ***Agrilus cliftoni* Knull, 1941**

### ***Caprifoliaceae***

*Lonicera nigra* L. {1}

NELSON & WESTCOTT, 1976 [#1861]

### ***Cornaceae***

*Cornus* {1}

MACRAE, 2006 [#7542]

## ***Juglandaceae***

*Carya cordiformis* (Wangenh.) K. Koch {1}  
MACRAE & NELSON, 2003 [#5977]

*Juglans nigra* L. {1}  
KNULL, 1970 [#1573] – NELSON, 1980 [#1887]

## ***Leguminosae***

*Cercis canadensis* L. {1}  
MACRAE, 1991 [#1760]

## ***Platanaceae***

*Platanus occidentalis* L. {1}  
MACRAE, 1991 [#1760]

**Synopsis** KNULL, 1970 [#1573] (*Juglans nigra*) – NELSON & WESTCOTT, 1976 [#1861] (*Juglans nigra*) – WELLSO et al., 1976 [#3079] (*Juglans nigra*) – NELSON, 1980 [#1887] (*Juglans nigra*) – BRIGHT, 1987 [#379] (*Juglans nigra*) – MACRAE, 1991 [#1760] (*Cercis canadensis*; *Platanus occidentalis*) – WESTCOTT, 1991 [#3085] (?*Juglans*) – DOWNIE & ARNETT, 1996 [#6170] (*Juglans nigra*) – MACRAE, 2003 [#5976] (*Juglans*) – MACRAE & NELSON, 2003 [#5977] (*Carya cordiformis*) – MACRAE, 2006 [#7542] (*Cornus*) – NELSON et al., 2008 [#8377] (*Juglans*; *Carya*; *Cercis*; *Platanus*; *Cornus*) – PAIERO et al., 2012 [#9293] (*Juglans*)

## ***Agrilus clytrinoide* Bellamy & Hespeneide, 2002**

### ***Leguminosae***

*Prosopis* {1}  
BELLAMY & HESPENHEIDE, 2002 [#5978]

## ***Agrilus collaris* (Waterhouse, 1889)**

### ***Leguminosae***

*Acacia* {1}  
WESTCOTT et al., 1990 [#3086]

*Eysenhardtia* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

## ***Agrilus colonicus* Curletti, 2005**

### ***Leguminosae***

*Inga goldmanii* Pittier {1}

CURLETTI, 2005 [#7579]

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

## ***Agrilus comes* Kerremans, 1896**

### ***Solanaceae***

*Nicotiana* {0}

KERREMANS, 1896 [#1422]

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”)

**Remarks** Accidental occurrence.

## ***Agrilus concinnus* Horn, 1891**

### ***Malvaceae***

*Hibiscus laevis* Scop. {3}

MACRAE, 2006! [#7542]

*Hibiscus lasiocarpus* Cav. {2}

MACRAE & NELSON, 2003 [#5977] (as *Hibiscus moscheutos* ssp. *lasiocarpus* Cav.)

*Hibiscus militaris* Cav. {2}

NELSON et al., 1981 [#1903]

**Synopsis** BLATCHLEY, 1920 [#5045] (huckleberry bushes) – FISHER, 1928 [#980] (*Vaccinium*) – NELSON et al., 1981 [#1903] (*Hibiscus militaris*) – MACRAE & NELSON, 2003 [#5977] (*Hibiscus moscheutos lasiocarpus*) – MACRAE, 2006 [#7542] (*Hibiscus laevis*) – NELSON et al., 2008 [#8377] (*Hibiscus*) – PAIERO et al., 2012 [#9293] (*Hibiscus*)

## ***Agrilus confusus* Waterhouse, 1889**

### ***Leguminosae***

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

## ***Agrilus constantini* Obenberger, 1927**

**Synonyms** *tamarinae* Stepanov

### ***Leguminosae***

*Caragana* {3}

TER MINASYAN, 1955! [#7893] (as *tamarinae*) – RIKHTER & ALEXEEV, 1965! [#2522]

*Caragana arborescens* Lam. {3}

POMERANCEV, 1938! [#4977] (misidentified as *fuscosericeus*) – TAMARINA, 1950! [#4972] (as *tamarinae*) – GRECHKIN, 1951! [#8609] – STEPANOV, 1952! [#3538] (as *tamarinae*) – ALEXEEV, 1957! [#3226] – TAMARINA, 1957! [#7827] (as *tamarinae*) – ALEXEEV, 1959 [#3229] – ZAGAIKEVICH, 1962! [#3249] – TROPIN, 1965! [#8652] – ALEXEEV, 1981! [#61]

*Caragana frutex* (L.) K. Koch {3}

ALEXEEV, 1957! [#3226] – ALEXEEV, 1959 [#3229] – ZAGAIKEVICH, 1962! [#3249] – PROKHOROV, 2010 [#9020]

*Halimodendron halodendron* (Pall.) Voss {3}

ZAGAIKEVICH, 1962! [#3249]

**Synopsis** POMERANCEV, 1938 [#4977] (*Caragana arborescens*) (biology) – TAMARINA, 1950 [#4972] (*Caragana arborescens*) (as *tamarinae*) (biology) – GRECHKIN, 1951 [#8609] (*Caragana arborescens*) (biology) – STEPANOV, 1952 [#3538] (*Caragana arborescens*) (as *tamarinae*) – TER MINASYAN, 1955 [#7893] (*Caragana*) (as *tamarinae*) – ALEXEEV, 1957 [#3226] (*Caragana arborescens*; *C. frutex*) (biology) – TAMARINA, 1957 [#7827] (*Caragana arborescens*) (as *tamarinae*) (biology) – ALEXEEV, 1959 [#3229] (*Caragana arborescens*; *C. frutex*) – ALEXEEV, 1961 [#3243] (*Caragana*) – ZAGAIKEVICH, 1962 [#3249] (*Caragana arborescens*; *Caragana frutex*; *Halimodendron*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Caragana*) – TROPIN, 1965 [#8652] (*Caragana arborescens*) (biology) – ALEXEEV, 1981 [#61] (*Caragana arborescens*) – BÍLY, 1994 [#8200] (*Caragana*) – PROKHOROV, 2010 [#9020] (*Caragana frutex*; *Caragana arborescens*; *Halimodendron holodendron*)



***Agrilus convexicollis* Redtenbacher, 1847*****Celastraceae***

*Euonymus europaeus* L. {3}  
CONTARINI, 1983! [#621]

***Cornaceae***

*Cornus* {0}  
RAPP, 1934 [#8272]  
*Cornus sanguinea* L. {0}  
DAEHNE, 1912 [#3609]

***Fagaceae***

*Quercus* {0}  
BAUDUER, 1878 [#165] – CAILLOL, 1913 [#4053] – RUICANESCU, 1993 [#3257]

***Oleaceae***

*Fraxinus* {3}  
HEYDEN, 1877 [#5716] – HEYDEN, 1877 [#8479] – HEYDEN, 1904 [#5717] – CARPENTIER & DELABY, 1908 [#7378] – DAEHNE, 1912 [#3609] – SCHAEFER, 1949! [#3285] – SCHAEFER, 1949! [#2565] – HORION, 1955 [#1285] – PALM, 1959 [#9605] – SCHAEFER, 1959 [#3756] – NIEHUIS, 1974 [#3629] – GEISER, 1979 [#9011] – BICKEL, 1988! [#8401] – WEIDLICH, 1989 [#6165] – RUICANESCU, 1993 [#3257] – ORLOVA-BIENKOWSKAJA, 2013! [#9581]

*Fraxinus angustifolia* ssp. *oxycarpa* (Willd.) Franco & Roc {3}  
SCHAEFER, 1961 [#3757] (as *Fraxinus oxyphylla* M. Bieb.) – SCHAEFER, 1964 [#2575] (as *Fraxinus oxyphylla* M. Bieb.) – SCHAEFER, 1972 [#2579] (as *Fraxinus oxyphylla* M. Bieb.) – PAULIAN, 1978 [#2424] (as *Fraxinus oxyphylla* M. Bieb.)

*Fraxinus excelsior* L. {3}  
BEDEL, 1921! [#170] – SCHAEFER, 1949! [#2565] – SCHAEFER, 1972 [#2579] – HELLRIGL, 1978! [#3442] – EHNSTRÖM, 1983! [#9617] – GOBBI, 1986 [#1100] – LISKENNE, 1992 [#4271] – BRECHTEL & KOSTENBADER, 2002! [#5766] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Fraxinus ornus* L. {3}

NOVAK, 1952 [#7830] – HELLRIGL, 1978! [#3442] – GOBBI, 1986 [#1100]

*Ligustrum* {3}

NIEHUIS, 2004 [#6762]

*Ligustrum vulgare* L. {3}

HELLRIGL, 1978! [#3442]

*Olea europaea* L. {1}

NOVAK, 1964 [#6567]

*Syringa vulgaris* L. {3}

ŠKORPÍK et al., 2011! [#9173]

## **Rosaceae**

*Rosa* {0}

RAPP, 1934 [#8272]

## **Salicaceae**

*Populus* {0}

RAPP, 1934 [#8272]

## **Ulmaceae**

*Ulmus* {0}

BÉTIS, 1908 [#8013]

**Synopsis** HEYDEN, 1877 [#5716] (*Fraxinus*) – HEYDEN, 1877 [#8479] (*Fraxinus*) – BAUDUER, 1878 [#165] (*Quercus*) – BAUDUER, 1883 [#5143] (*Quercus*) – HEYDEN, 1904 [#5717] (*Fraxinus*) – BÉTIS, 1908 [#8013] (*Ulmus*) – CARPENTIER & DELABY, 1908 [#7378] (*Fraxinus*) – DAEHNE, 1912 [#3609] (*Cornus sanguinea*; *Fraxinus*) – CAILLOL, 1913 [#4053] (*Quercus*) – BEDEL, 1921 [#170] (*Fraxinus excelsior*) (biology) – RAPP, 1934 [#8272] (*Cornus*; *Rosa*; *Populus*) – SAINTE CLAIRE, 1935 [#8551] (*Fraxinus*) – SCHAEFER, 1949 [#3285] (*Fraxinus*) – SCHAEFER, 1949 [#2565] (*Fraxinus*; *Fraxinus excelsior*) (biology) – NOVAK, 1952 [#7830] (*Fraxinus ornus*) – HORION, 1955 [#1285] (*Fraxinus excelsior*; *Ligustrum*; *Syringa*) (biology) – ALEXEEV, 1959 [#3229] (*Fraxinus*; *Quercus*; *Betula*) – PALM, 1959 [#9605] (*Fraxinus*) – SCHAEFER, 1959 [#3756] (*Fraxinus*) – SCHAEFER, 1961 [#3757] (*Fraxinus oxyphylla*) – ZAGAIKEVICH, 1962 [#3249] (*Fraxinus*; *Tilia*) – NOVAK, 1964 [#6567] (*Olea europea*) – SCHAEFER, 1964 [#2575] (*Fraxinus oxyphylla*) – GOTTWALD, 1968 [#1114] (*Fraxinus*; *Syringa*; *Ligustrum vulgare*) – SCHAEFER, 1972 [#2579] (*Fraxinus excelsior*; *F. oxyphylla*) – FRANZ, 1974 [#4334] (*Fraxinus*; *Ligustrum*;

*Syringa* (biology) – HELLRIGL, 1974 [#1207] (*Fraxinus*; *Ligustrum*) – NIEHUIS, 1974 [#3629] (*Fraxinus*) – HELLRIGL, 1978 [#3442] (*Fraxinus*; *Ligustrum*; *Syringa*) (biology) – PAULIAN, 1978 [#2424] (*Fraxinus oxyphylla*) – GEISER, 1979 [#9011] (*Fraxinus*) – ALEXEEV, 1981 [#61] (*Fraxinus*) – BÍLÝ, 1982 [#295] (*Fraxinus*; *Ligustrum*; *Syringa*) (biology) – CONTARINI, 1983 [#621] (*Euonymus europaeus*) (biology) – EHNSTRÖM, 1983 [#9617] (*Fraxinus excelsior*) (biology) – GOBBI, 1986 [#1100] (*Fraxinus*; *Ligustrum*; *Olea*; *Syringa*; *Corylus*; *Euonymus*) (biology) – BICKEL, 1988 [#8401] (*Fraxinus*) – NIEHUIS, 1988 [#1912] (*Fraxinus excelsior*) (biology) – WEIDLICH, 1989 [#6165] (*Fraxinus*) – LISKENNE, 1992 [#4271] (*Fraxinus excelsior*) – RUICANESCU, 1993 [#3257] (*Quercus*; *Fraxinus*) – CURLETTI, 1994 [#658] (*Euonymus*; *Fraxinus*; *Ligustrum*; *Populus*; *Syringa*) – BÍLÝ, 1999 [#4478] (*Fraxinus excelsior*; *Ligustrum vulgare*; *Syringa vulgaris*) – SAKALIAN, 2000 [#5128] (*Olea*) – STUMPF et al., 2001 [#5788] (*Fraxinus*; *Ligustrum*) – BÍLÝ, 2002 [#5877] (*Fraxinus*; *Ligustrum*; *Syringa*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Fraxinus excelsior*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Fraxinus excelsior*) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2003 [#6688] (*Fraxinus*) – YANYTSKY, 2003 [#9052] (*Fraxinus*; *Syringa*; *Ligustrum vulgare*) – NIEHUIS, 2004 [#6762] (*Fraxinus*; *Ligustrum*) (biology) – PAULIAN, 2005 [#7123] (*Fraxinus*) – VERDUGO PAÉZ, 2005 [#7256] (*Fraxinus*; *Populus*; *Tilia*; *Quercus*; *Ligustrum*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Fraxinus excelsior*) – ŠKORPÍK et al., 2011 [#9173] (*Syringa vulgaris*; *Fraxinus excelsior*; *F. ornus*; *F. angustifolia*) (biology) – ORLOVA-BIENKOWSKAJA, 2013 [#9581] (*Fraxinus*)

**Remarks** *Agrilus convexicollis* develops in Oleaceae, primarily in *Fraxinus* but also in *Ligustrum*, *Syringa* and, maybe, in *Olea*. The well documented larval record for *Euonymus europaeus* (Celastraceae) is surprising. Records for other plant genera are likely misidentifications.

## *Agrilus convexifrons* Kiesenwetter, 1857

### *Betulaceae*

*Corylus* {1}

HAVELKA, 1964 [#3433]

### *Fagaceae*

*Fagus* {1}

DAEHNE, 1912 [#3609]

## ***Loranthaceae***

*Loranthus europaeus* Jacq. {1}  
CURRETTI, 1994 [#658]

**Synopsis** BAUDUER, 1883 [#5143] (*Ulmus*) – DAEHNE, 1912 [#3609] (*Fagus*) – HAVELKA, 1964 [#3433] (*Corylus*) – CURRETTI, 1994 [#658] (*Loranthus europaeus*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Loranthus europaeus*) – YANYTSKY, 2003 [#9052] (*Quercus*)

**Remarks** *Agrilus convexifrons* is nomen dubium. Its taxonomic concept is unknown, but it is likely conspecific with already described species. The type deposition of this taxon is unknown and specimens labeled as types in BMNH and ZSMC are actually not types due to discrepancies with the published type locality.

## ***Agrilus corrugatus* (Waterhouse, 1889)**

### ***Leguminosae***

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}  
WESTCOTT et al., 1990 [#3086]

## ***Agrilus corylicola* Fisher, 1928**

**Synonyms** *coryli* Horn

### ***Betulaceae***

*Corylus* {3}  
HORN, 1891 [#4177] (as *coryli*) – FROST, 1916 [#9542] (as *coryli*) – KNULL, 1922! [#1509] (as *coryli*)  
*Corylus americana* Walter {2}  
FROST & WEISS, 1920 [#8210] (as *coryli*) – NELSON & HESPENHEIDE, 1998 [#4548]  
*Corylus cornuta* ssp. *cornuta* Marshall {2}  
FROST & WEISS, 1920 [#8210] (as *coryli*) (as *Corylus rostrata* Aiton) – NELSON & HESPENHEIDE, 1998 [#4548] (as *Corylus rostrata* Aiton)

**Synopsis** HORN, 1891 [#4177] (*Corylus*) (as *coryli*) – CHITTENDEN, 1900 [#5334] (*Corylus americana*) (as *coryli*) – FROST, 1916 [#9542] (*Corylus*) (as *coryli*) – FROST & WEISS, 1920 [#8210] (*Corylus americana*; *C. rostrata*) (as *coryli*) – KNULL, 1922 [#1509] (*Corylus*) (as *coryli*) – CHAMBERLIN, 1926 [#468] (*Corylus americana*) (as *coryli*) – FISHER, 1928 [#980] (*Corylus americana*; *C. rostrata*) (as *coryli*) – FISHER & NICOLAY, 1928 [#9786] (*Corylus*) (as *coryli*) – DOWNIE & ARNETT, 1996 [#6170] (*Corylus*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Corylus americana*; *C. rostrata*) – NELSON et al., 2008 [#8377] (*Corylus*) – PAIERO et al., 2012 [#9293] (*Corylus*)

## *Agrilus coxalis* Waterhouse, 1889

### *Fagaceae*

#### *Quercus* {3}

WESTCOTT, 2005 [#7137]

#### *Quercus agrifolia* Née {3}

COLEMAN & SEYBOLD, 2008! [#9169]

#### *Quercus chrysolepis* Liebm. {3}

COLEMAN & SEYBOLD, 2008! [#9169]

#### *Quercus conzattii* Trel. {3}

COLEMAN et al., 2012! [#9343]

#### *Quercus emoryi* Torr. {2}

GIBSON, 2010 [#9249]

#### *Quercus kelloggii* Newb. {3}

COLEMAN & SEYBOLD, 2008! [#9169]

#### *Quercus peduncularis* Née {3}

COLEMAN et al., 2012! [#9343]

**Synopsis** WESTCOTT, 2005 [#7137] (*Quercus*) – COLEMAN & SEYBOLD, 2008 [#9169] (*Quercus agrifolia*; *Q. chrysolepis*; *Q. kelloggii*) (biology) – NELSON et al., 2008 [#8377] (*Quercus*) – GIBSON, 2010 [#9249] (*Quercus emoryi*) – COLEMAN et al., 2012 [#9343] (*Quercus peduncularis*; *Q. conzattii*)

## *Agrilus crapulellus* Thomson, 1879

### *Leguminosae*

#### *Cassia* {1}

HESPENHEIDE, 1979 [#1225]

**Synopsis** HESPENHEIDE, 1979 [#1225] (*Cassia*) – MAES et al., 1993 [#1764] (*Cassia*)

**Agrilus crataegi Frost, 1912****Juglandaceae***Juglans* {1}

NELSON et al., 2008 [#8377]

**Rosaceae***Amelanchier sanguinea* var. *alnifolia* (Nutt.) P. Landry. {3}WESTCOTT, 2005! [#7137] (as *Amelanchier alnifolia* (Nutt.) P. Landry.)*Crataegus* {3}

FROST, 1912! [#5403] – FISHER, 1928! [#980] – NELSON &amp; WESTCOTT, 1976 [#1861] – NELSON &amp; MACRAE, 1990 [#1864] – NELSON et al., 1996! [#3975]

*Crataegus columbiana* Howell {2}

WESTCOTT, 2005 [#7137]

*Crataegus douglasii* Lindl. {3}

WESTCOTT, 2005! [#7137]

**Synopsis** FROST, 1912 [#5403] (*Crataegus*) – FROST & WEISS, 1920 [#9782] (*Crataegus*) – CHAMBERLIN, 1926 [#468] (*Crataegus*) – FISHER, 1928 [#980] (*Crataegus*) – NELSON & WESTCOTT, 1976 [#1861] (*Crataegus*) – WELLSO et al., 1976 [#3079] (*Crataegus*) – BRIGHT, 1987 [#379] (*Crataegus*) – NELSON & MACRAE, 1990 [#1864] (*Crataegus*) – SOLOMON, 1995 [#7647] (*Crataegus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Crataegus*) – NELSON et al., 1996 [#3975] (*Crataegus*) – WESTCOTT, 2005 [#7137] (*Crataegus*; *Crataegus douglasii*; *Crataegus columbiana*; *Amelanchier alnifolia*) – NELSON et al., 2008 [#8377] (*Amelanchier*; *Crataegus*; *Juglans*) – PAIERO et al., 2012 [#9293] (*Amelanchier*; *Crataegus*)

**Remarks** This species is indicated by Westcott (2005) as likely conspecific with *A. amelanchieri*.

**Agrilus criddlei Frost, 1920****Salicaceae***Salix* {3}

WONG et al., 1977! [#9735]

*Salix bebbiana* Sarg. {3}

WONG &amp; MCLEOD, 1965! [#5418] – IVES &amp; WONG, 1988! [#9678]

**Synopsis** WONG & MCLEOD, 1965 [#5418] (*Salix bebbiana*) (biology) – CARLSON & KNIGHT, 1969 [#419] (*Salix*) – STEIN & KENNEDY, 1972 [#9733] (*Salix*) – WELLSO

et al., 1976 [#3079] (*Salix*) – WONG et al., 1977 [#9735] (*Salix*) – BRIGHT, 1987 [#379] (*Salix*) – IVES & WONG, 1988 [#9678] (*Salix bebbiana*) (biology) – SOLOMON, 1995 [#7647] (*Salix*) (biology) – NELSON et al., 2008 [#8377] (*Salix bebbiana*) – PAIERO et al., 2012 [#9293] (*Salix bebbiana*)

## ***Agrilus crinicornis* Horn, 1891**

### ***Ebenaceae***

*Diospyros virginiana* L. {3}  
MACRAE, 2006! [#7542]

### ***Fagaceae***

*Fagus* {3}  
HESPENHEIDE, 1976! [#1224]  
*Fagus grandifolia* ssp. *grandifolia* Ehrh. {3}  
HESPENHEIDE, 1973! [#1220]  
*Quercus alba* L. {3}  
HESPENHEIDE, 1973! [#1220]  
*Quercus rubra* L. {2}  
WEBSTER & DEMERCHANT, 2012 [#9279]

### ***Juglandaceae***

*Carya* {1}  
NELSON & WESTCOTT, 1976 [#1861]  
*Juglans nigra* L. {1}  
NELSON & WESTCOTT, 1976 [#1861]

### ***Leguminosae***

*Gleditsia triacanthos* L. {3}  
MACRAE, 2006! [#7542]

## ***Rosaceae***

*Rubus* {0}

FROST, 1915 [#9541]

**Synopsis** FROST, 1915 [#9541] (*Rubus*) – FROST & WEISS, 1920 [#8210] (*Rubus*) – HESPENHEIDE, 1973 [#1220] (*Fagus grandifolia*; *Quercus alba*) – HESPENHEIDE, 1976 [#1224] (*Fagus*) – NELSON & WESTCOTT, 1976 [#1861] (*Juglans nigra*; *Carya*) – WELLSO et al., 1976 [#3079] (*Quercus*) – BRIGHT, 1987 [#379] (*Rubus*; *Quercus*) – MACRAE, 2003 [#5976] (*Fagus*; *Quercus*) – MACRAE, 2006 [#7542] (*Gleditsia triacanthos*; *Diospyros virginiana*) – NELSON et al., 2008 [#8377] (*Diospyros*; *Fagus*; *Gleditsia*; *Quercus*; *Carya*; *Juglans*) – PAIERO et al., 2012 [#9293] (*Diospyros*; *Fagus*; *Gleditsia*; *Quercus*) – WEBSTER & DEMERCHANT, 2012 [#9279] (*Quercus rubra*)

**Remarks** The record for *Rubus* is a misidentification.

## ***Agrilus cristianoii* Curletti & Vayssières, 2007**

### ***Leguminosae***

*Isoperlinia tomentosa* (Harms) Craib & Stapf {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

## ***Agrilus croceivestis* Marseul, 1866**

### ***Amaranthaceae***

*Suaeda vermiculata* Forssk. ex J. F. Gmel. . {3}

CURLETTI & MAGNANI, 1991! [#3255] (as *Suaeda pruinosa* Lange)

### ***Tamaricaceae***

*Tamarix* {1}

THÉRY, 1930 [#2754]

**Synopsis** THÉRY, 1930 [#2754] (*Tamarix*) – CURLETTI & MAGNANI, 1991 [#3255] (*Sueda pruinosa*)

**Remarks** Based on the record of CURLETTI & MAGNANI (1991), this species develops in *Suaeda pruinosa* rather than in *Tamarix*.



***Agrilus ctenias* Théry, 1934*****Leguminosae****Acacia* {1}

THÉRY, 1934 [#2814]

***Agrilus cteniasiformis* Curletti & Sakalian, 2009*****Leguminosae****Acacia* {1}

CURLETTI &amp; SAKALIAN, 2009 [#8792]

***Agrilus cupes* Lewis, 1893*****Hydrangeaceae****Philadelphus coronarius* L. {1}

KURIHARA &amp; FUKUTOMI, 2011 [#9191]

***Staphyleaceae****Staphylea bumalda* DC. {1}

KUROSAWA, 1963 [#1618]

**Synopsis** KUROSAWA, 1963 [#1618] (*Staphylea bumalda*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Staphylea bumalda*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Staphylea bumalda*) – KURIHARA & FUKUTOMI, 2011 [#9191] (*Philadelphus coronarius*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Staphylea bumalda*)

***Agrilus cupreonitens* Fisher, 1928*****Leguminosae****Acacia* {1}

WESTCOTT et al., 1990 [#3086]

*Acacia farnesiana* (L.) Willd. {1}

VOGT, 1949 [#2971] – NELSON & WESTCOTT, 1976 [#1861]

*Acacia rigidula* Benth. {1}

VOGT, 1949 [#2971]

*Prosopis juliflora* (Sw.) DC. {1}

VOGT, 1949 [#2971]

**Synopsis** VOGT, 1949 [#2971] (*Acacia rigidula*; *Prosopis juliflora*; *Acacia farnesiana*) – NELSON & WESTCOTT, 1976 [#1861] (*Acacia farnesiana*) – WESTCOTT et al., 1990 [#3086] (*Acacia*) – NELSON et al., 2008 [#8377] (*Acacia*; *Prosopis*)

## ***Agrilus cuprescens amethystopterus* Semenov, 1891**

### ***Cornaceae***

*Cornus* {3}

ALEXEEV, 1959 [#3229] – RIKHTER & ALEXEEV, 1965 [#2522]

*Cornus sanguinea* ssp. *australis* (C. A. Mey.) Jáv. {3}

ALEXEEV, 1964! [#3847] (as *Cornus australis* C. A. Mey.)

**Synopsis** ALEXEEV, 1959 [#3229] (*Cornus*) – ALEXEEV, 1964 [#3847] (*Cornus australis*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Cornus*) – JENDEK, 2003 [#5878] (*Cornus*)

## ***Agrilus cuprescens chrysoderes* Abeille de Perrin, 1891**

### ***Fagaceae***

*Quercus* {0}

ABEILLE DE PERRIN, 1891 [#7]

### ***Grossulariaceae***

*Grossularia* {0}

RIKHTER, 1945 [#3507]

*Ribes* {0}

RIKHTER, 1945 [#3507]

**Rosaceae***Rosa* {3}

RIKHTER, 1945 [#3507] – ALEXEEV, 1957! [#3226] – ALEXEEV, 1958! [#3982] – MAKHNOVSKII, 1958! [#6090] – MAKHNOVSKII, 1959! [#5829]

*Rosa damascena* Mill. {3}

ACATAY, 1970! [#9597]

*Rubus* {3}

ALEXEEV, 1957! [#3226]

*Rubus caesius* L. {3}

BEDEL, 1921! [#170]

**Synopsis** ABEILLE DE PERRIN, 1891 [#7] (*Quercus*) – CAILLOL, 1913 [#4053] (*Rubus*) (biology) – BEDEL, 1921 [#170] (*Rubus caesius*; *R. idaeus*) (biology) – RIKHTER, 1945 [#3507] (*Ribes*; *Grossularia*; *Rosa*) – RIKHTER, 1948 [#3879] (*Ribes*; *Grossularia*; *Rosa*) – GUSSAKOVKII, 1949 [#7805] (*Rosa*; *Rubus*) – RIKHTER, 1950 [#3881] (*Ribes*; *Grossularia*; *Rosa*) – TER MINASYAN, 1955 [#7893] (*Rosa*; *Rubus*) – ALEXEEV, 1957 [#3226] (*Rosa*; *Rubus*) (biology) – ALEXEEV, 1958 [#3982] (*Rosa*) (biology) – MAKHNOVSKII, 1958 [#6090] (*Rosa*) (biology) – ALEXEEV, 1959 [#3229] (*Rosa*) – MAKHNOVSKII, 1959 [#5829] (*Rosa*) (biology) – ALEXEEV, 1961 [#3243] (*Rubus*; *Rosa*) – IL'INSKII, 1962 [#8685] (*Rosa*; *Ribes*; *Rubus*) – ZAGAIKEVICH, 1962 [#3249] (*Rosa damascena*; *Rosa gallica*) (biology) – ACATAY, 1970 [#9597] (*Rosa damascena*) (biology)

**Remarks** The taxonomic concept of this subspecies from Near East was long time confused. The only verified larval hosts are *Rosa* and *Rubus*.

***Agrilus cuprescens cuprescens* (Ménétriés, 1832)**

**Synonyms** *aurichalceus* Redtenbacher; *calcicola* Obenberger; *communis* Obenberger; *foveolatus* Abeille de Perrin; *kuznecovinus* Obenberger; *mokrzeckii* Obenberger; *obtusus* Abeille de Perrin; *rubicola* Abeille de Perrin

**Betulaceae***Alnus* {0}

FAVRE & BUGNION, 1890 [#5593] (as *aurichalceus*)

## ***Cornaceae***

*Cornus sanguinea* L. {0}

TROPIN, 1965! [#8652] (as *foveolatus*) – MERKL, 1991 [#6564] (as *aurichalceus*)

## ***Ericaceae***

*Erica* {0}

SCHAEFER, 1953 [#3600] (as *aurichalceus*)

## ***Fagaceae***

*Quercus* {0}

LOKAJ, 1869 [#4332] (as *aurichalceus*)

## ***Grossulariaceae***

*Grossularia* {0}

RIKHTER, 1945 [#3507] (misidentified as *chrysoderes*)

*Ribes* {0}

GARLICK, 1940! [#8683] (as *rubicola*) – RIKHTER, 1945 [#3507] (misidentified as *chrysoderes*)

*Ribes alpinum* L. {0}

NELSON et al., 1981 [#1903] (as *rubicola*)

*Ribes uva-crispa* L. {0}

GARLICK, 1940! [#8683] (as *rubicola*)

## ***Polemoniaceae***

*Phlox* {0}

MACRAE & NELSON, 2003 [#5977]

## ***Rosaceae***

*Crataegus curvisepala* Lindm. {0}

GOBBI, 1986 [#1100] (as *aurichalceus*) (as *Crataegus oxyacantha* L.)

*Hulthemia* {1}

ALEXEEV, 1975! [#52] (as *kuznecovinus*)

*Prunus spinosa* L. {0}

GOBBI, 1986 [#1100] (as *aurichalceus*)

*Rosa* {3}

MÉNÉTRIÉS, 1832 [#1799] – ABEILLE DE PERRIN, 1897 [#19] (as *rubicola*) – ENDERLEIN, 1923! [#3426] (misidentified as *viridis*) – WELLS, 1926! [#9061] (misidentified as *viridis*) – OBENBERGER, 1927! [#2064] (as *mokrzeckii*) – GARLICK, 1940! [#8683] (as *rubicola*) – MALKIN, 1941 [#1768] (as *rubicola*) – RIKHTER, 1945 [#3507] (misidentified as *chrysoderes*) – ALEXEEV, 1957! [#3226] (misidentified as *cuprescens chrysoderes*) – ALEXEEV, 1958! [#3982] (misidentified as *chrysoderes*) – DAVIS & RAGHUVIR, 1964! [#669] (as *communis*) – ALEXEEV, 1975! [#52] (as *kuznecovinus*) – KNOFF, 1975! [#9037] – NIEHUIS & TEZCAN, 1993 [#1910] (as *aurichalceus*) – RUCANESCU, 1993 [#3257] (as *aurichalceus*) – KUROLI, 1999! [#5916] (as *aurichalceus*) – TLEPPAEVA, 1999! [#6551] – BRECHTEL & KOSTENBADER, 2002! [#5766] – MACRAE & NELSON, 2003 [#5977] – BOLDYREV & KOLESNIKOV, 2010! [#9622]

*Rosa acicularis* Lindl. {3}

LARSON, 2003! [#6990] (as *aurichalceus*)

*Rosa alpina* L. {2}

SCHAEFER, 1949 [#2565] (as *aurichalceus*)

*Rosa arkansana* Porter {3}

LARSON, 2003! [#6990] (as *aurichalceus*)

*Rosa blanda* Aiton {3}

WEISS, 1914! [#3920] (misidentified as *politus*)

*Rosa canina* L. {3}

FRANZ, 1974 [#4334] (as *aurichalceus*) – VOLKOVITSH, 1977! [#2985] – WEIDLICH, 1989 [#6165] (as *calpicola*) – NIEHUIS & TEZCAN, 1993 [#1910] (as *aurichalceus*) – GUTOWSKI & MILKOWSKI, 2008! [#8244] – BOLDYREV & KOLESNIKOV, 2009! [#8893] – ŠKORPÍK et al., 2011! [#9173]

*Rosa carolina* L. {3}

WEISS, 1914! [#3920] (misidentified as *politus*) – KNULL, 1922 [#1509] (misidentified as *viridis* varietal *fagi*)

*Rosa damascena* Mill. {3}

MOKRZECKI, 1921! [#9341] (misidentified as *foveicollis*) – MOKRZECKI, 1921! [#6103] (misidentified as *foveicollis*)

*Rosa hugonis* Hemsl. {2}

DODGE & RICKETT, 1943 [#7342] (as *rubicola*)

*Rosa jundzillii* Besser {3}

ŠKORPÍK et al., 2011! [#9173]

*Rosa laxa* Retz. {3}

TLEPPAEVA, 2013! [#9532]

*Rosa multiflora* Thunb. {3}

WEISS, 1914! [#3920] (misidentified as *politus*) – NELSON & MACRAE, 1990! [#1864] (as *aurichalceus*)

*Rosa nitida* Willd. {3}

WEISS, 1914! [#3920] (misidentified as *politus*)

*Rosa rubiginosa* L. {3}

ROSENHAUER, 1882! [#8755] (misidentified as *laticornis*) – ŠKORPÍK et al., 2011! [#9173]

*Rosa rubrifolia* Villars {3}

WEISS, 1914! [#3920] (misidentified as *politus*)

*Rosa rugosa* Thunb. {3}

WEISS, 1914! [#3920] (misidentified as *politus*) – KNULL, 1922! [#1509] (misidentified as *viridis* var. *fagi*) – OHMOMO, 2004! [#6850] – HODGE, 2010 [#8973]

*Rosa silverhjelmmii* Schrenk {3}

TLEPPAEVA, 2013! [#9532] (as *Rosa iliensis* Chrshan.)

*Rosa spaldingii* var. *hispida* (Fernald) G. N. Jones {3}

NELSON et al., 1996! [#3975] (misidentified as *cupreus* Redtenbacher) (as *Rosa nutkana* var. *hispida* Fernald)

*Rosa spinosissima* L. {3}

ROSENHAUER, 1882! [#8755] (misidentified as *laticornis*) (as *Rosa pimpinellifolia* L.)

*Rosa woodsii* Lindl. {3}

LARSON, 2003! [#6990] (as *aurichalceus*)

*Rosa woodsii* ssp. *ultramontana* (S. Watson) Roy L. Tay {3}

NELSON et al., 1996! [#3975] (misidentified as *cupreus* Redtenbacher) (as *Rosa woodsii* var. *ultramontana* (S. Watson) Jeps.)

*Rubus* {3}

PERRIS, 1877! [#3722] (as *aurichalceus*) – BAUDUER, 1878 [#165] (as *aurichalceus*) – DELHERM DE LARCENNE, 1885 [#3924] (as *aurichalceus*) – XAMBEU, 1893! [#7788] (as *aurichalceus*) – OBENBERGER, 1924 [#2040] (as *communis*) – VASIL'EV, 1927! [#5834] (misidentified as *viridis* var. *fagi*) – BALACHOWSKY et al., 1935! [#4430] (as *rubicola*) – GARLICK, 1940! [#8683] (as *rubicola*) – MUNDINGER, 1941! [#5414] (as *rubicola*) – ALEXEEV, 1957! [#3226] (misidentified as *cuprescens chrysoderes*) – TASSI, 1962 [#2676] (as *aurichalceus*) – DAVIS & RAGHUVIR, 1964! [#669] (as *communis*) – SIMON, 1966 [#3266] (as *aurichalceus*) – GOBBI, 1971 [#1092] (as *aurichalceus*) – FRANZ, 1974 [#4334] (as *aurichalceus*) – NIEHUIS, 1974 [#3629] (as *aurichalceus*) – ALEXEEV, 1975! [#52] (as *kuznecovinus*) – RUICANESCU, 1993 [#3257] (as *aurichalceus*) – KUROLI, 1999! [#5916] (as *aurichalceus*) – TLEPPAEVA, 1999! [#6551] – CRANSHAW, 2004! [#9681] (as *aurichalceus*)

*Rubus caesius* L. {3}

BEDEL, 1921! [#170] (misidentified as *chrysoderes*) – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004 [#6762]

*Rubus fruticosus* L. {3}

MARCHAL & VERCIER, 1907! [#3720] (as *rubicola*) – NIEHUIS, 1988! [#1912] (as *aurichalceus*) – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004 [#6762]

*Rubus idaeus* L. {3}

HEYDEN, 1877 [#5716] (as *aurichalceus*) – HEYDEN, 1904 [#5717] (as *obtusus*) – HELLRIGL, 1978! [#3442] (as *aurichalceus*) – GOBBI, 1986 [#1100] (as *aurichalceus*) – NIEHUIS, 1988 [#1912] (as *aurichalceus*) – BRECHTEL & KOSTENBADER, 2002! [#5766]

**Salicaceae***Salix* {0}

PÉNEAU, 1911 [#8928] (as *aurichalceus*) – ALEXEEV, 1958! [#3982] (as *aurichalceus*) – ZAGAIKEVICH, 1962! [#3249] (as *aurichalceus*) – STUMPF et al., 2001 [#5788]

*Salix angustifolia* Willd {0}

SPEISER, 1893 [#9578] (as *aurichalceus*)

*Salix caprea* L. {0}

XAMBEU, 1893! [#7788] (as *aurichalceus*) – VOLKOVITSH, 1977! [#2985] (as *aurichalceus*)

**Synopsis** MÉNÉTRIÉS, 1832 [#1799] (*Rosa*) – LOKAJ, 1869 [#4332] (*Quercus*) (as *aurichalceus*) – HEYDEN, 1877 [#5716] (*Rubus idaeus*) (as *aurichalceus*) – PERRIS, 1877 [#3722] (*Rubus*) (as *aurichalceus*) (biology) – BAUDUER, 1878 [#165] (*Rubus*) (as *aurichalceus*) – GOBERT, 1878 [#5294] (*Rubus*) (as *aurichalceus*) – ROSENHAUER, 1882 [#8755] (*Rosa pimpinellifolia*; *R. rubiginosa*) (biology) – BAUDUER, 1883 [#5143] (*Rubus*) (as *aurichalceus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Rubus*) (as *aurichalceus*) – LOMNICKI, 1886 [#8316] (*Quercus*) (as *aurichalceus*) – FAVRE & BUGNION, 1890 [#5593] (*Alnus*) (as *aurichalceus*) – LETZNER, 1892 [#4469] (*Salix*; *Quercus*) (as *aurichalceus*) – SPEISER, 1893 [#9578] (*Salix angustifolia*) (as *aurichalceus*) – XAMBEU, 1893 [#7788] (*Rubus*; *Salix caprea*) (as *aurichalceus*) (biology) – ABEILLE DE PERRIN, 1897 [#19] (*Rosa*) (as *rubicola*) – ABEILLE DE PERRIN, 1897 [#19] (*Rosa*) (as *rubicola*) – HEYDEN, 1897 [#5286] (*Rubus*) (as *obtusus*) – HEYDEN, 1904 [#5717] (*Rubus idaeus*) (as *obtusus*) – MARCHAL & VERCIER, 1907 [#3720] (*Rubus fruticosus*) (as *rubicola*) (biology) – PÉNEAU, 1911 [#8928] (*Salix*) (as *aurichalceus*) – CAILLOL, 1913 [#4053] (*Rubus*) – CAILLOL, 1913 [#4053] (*Rubus*) (as *rubicola*) (biology) – PÉNEAU, 1913 [#5270] (*Rubus*) (as *aurichalceus*) – REH, 1913 [#8153] (*Rubus*; *Ribes nigrum*) (as *rubicola*) – WEISS, 1914 [#3920] (*Rosa rugosa*; *R. carolina*; *R. blanda*; *R. multiflora japonica*; *R. rubrafolia*; *R. nitida*; *R. setigera* and wild roses) (biology) – WEISS, 1914 [#3920] (*Rosa rugosa*; *R. carolina*; *R. blanda*; *R. multiflora japonica*; *R. rubrafolia*; *R. nitida*; *R. setigera*) (as *politus*) – WEISS, 1915 [#5953] (*Rosa rugosa*) – WEISS, 1916 [#6742] (*Rosa*) (as *viridis*) – WEISS, 1916 [#5954] (*Rosa*) – WEISS, 1916 [#3913] (*Rosa*) (as *viridis*) – PIERCE, 1917 [#6667] (*Alnus*; *Fagus*; *Betula*; *Pinus*; *Tilia*; *Acer*; *Quercus*; *Rosa*; *Vitis*) – FROST & WEISS, 1920 [#9782] (*Rosa*) – BEDEL, 1921 [#170] (*Rubus caesius*; *R. idaeus*) (biology) – MOKRZECKI, 1921 [#9341] (*Rosa damascena*) (biology) – MOKRZECKI, 1921 [#6103] (*Rosa damascena*) (biology) –

KNOLL, 1922 [#1509] (*Rosa rugosa*; *R. carolina*) (biology) – ENDERLEIN, 1923 [#3426] (*Rosa*) – FROST, 1924 [#1030] (*Rosa rugosa*) – OBENBERGER, 1924 [#2040] (*Rubus*) (as *communis*) – CHAMBERLIN, 1926 [#468] (*Rosa rugosa*; *Rosa carolina*) – WELLS, 1926 [#9061] (*Rosa*) – BRITTON & ZAPPE, 1927 [#5181] (*Rosa rugosa*; *R. hugonis*) – OBENBERGER, 1927 [#2064] (*Rosa*) (as *mokrzeckii*) – REH, 1927 [#8947] (*Rosa*) (as *obtusus*) – REH, 1927 [#8947] (*Rubus*; *Ribes*) (as *rubicola*) – VASIL'EV, 1927 [#5834] (*Rubus*) (biology) – FISHER, 1928 [#980] (*Rosa rugosa*; *R. blanda*; *R. multiflora japonica*; *R. rubrafolia*; *R. nitida*; *R. setigera*; *R. hugonis*; *R. carolina*) – MCDANIEL, 1932 [#8682] (*Rosa*) (as *rubicola*) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Rubus*) (as *rubicola*) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Rosa*) (as *mokrzeckii*) – BALACHOWSKY et al., 1935 [#4430] (*Rubus*) (as *rubicola*) (biology) – SAINTE CLAIRE, 1935 [#8551] (*Rosa*) (as *communis*) – SAINTE CLAIRE, 1935 [#8551] (*Salix*) (as *aurichalceus*) – SAINTE CLAIRE, 1935 [#8551] (*Rubus*) (as *rubicola*) – GARLICK, 1940 [#8683] (*Rosa*; *Rubus*; *Ribes*) (as *rubicola*) (biology) – MALKIN, 1941 [#1768] (*Rosa*) (as *rubicola*) – MUNDINGER, 1941 [#5414] (*Rubus*) (as *rubicola*) (biology) – DODGE & RICKETT, 1943 [#7342] (*Rosa hugonis*) (as *rubicola*) (biology) – RIKHTER, 1945 [#3507] (*Ribes*; *Grossularia*; *Rosa*) – GUSSAKOVKII, 1949 [#7805] (*Rosa*; *Rubus*) – SCHAEFER, 1949 [#2565] (*Rubus fruticosus*; *R. caesius*; *R. idaeus*; *Rosa canina*; *R. alpina*; *Rosa rugosa*; *R. japonica*; *R. setigera*) (as *aurichalceus*) (biology) – RIKHTER, 1950 [#3881] (*Rubus*) (as *aurichalceus*) – SCHAEFER, 1953 [#3600] (*Erica*) (as *aurichalceus*) – MÜHLMANN, 1954 [#8152] (*Rosa*) (as *mokrzeckii*) – HORION, 1955 [#1285] (*Rubus*; *Rosa*) (as *aurichalceus*) (biology) – TER MINASYAN, 1955 [#7893] (*Rubus*) (as *aurichalceus*) – TER MINASYAN, 1955 [#7893] (*Rosa*; *Rubus*) – HEERING, 1956 [#3716] (*Rosa*) (as *rubicola*) – ALEXEEV, 1957 [#3226] (*Rosa*; *Rubus*) (biology) – ALEXEEV, 1958 [#3982] (*Salix*) (as *aurichalceus*) – ALEXEEV, 1958 [#3982] (*Rosa*) (biology) – ALEXEEV, 1959 [#3229] (*Rubus*; *Rosa*) – ALEXEEV, 1959 [#3229] (*Salix*) (as *aurichalceus*) – ALEXEEV, 1961 [#3243] (*Salix*) (as *aurichalceus*) – ALEXEEV, 1961 [#3243] (*Rubus*; *Rosa*) – BALACHOWSKY et al., 1962 [#96] (*Rosa*) (as *mokrzeckii*) – BALACHOWSKY et al., 1962 [#96] (*Rubus*; *Rosa*) (as *aurichalceus*) (biology) – TASSI, 1962 [#2676] (*Rubus*) (as *aurichalceus*) – ZAGAIKEVICH, 1962 [#3249] (*Rosa damascena*; *Rosa gallica*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Salix*) (as *aurichalceus*) – SAMEDOV, 1963 [#6091] (*Rosa*; *Rubus*) – SAMEDOV, 1963 [#6091] (*Rosa*) (as *aurichalceus*) – SCHAEFER, 1963 [#3591] (*Rubus*; *Rosa*) (as *aurichalceus*) – DAVIS & RAGHUVIR, 1964 [#669] (*Rosa*; *Rubus*) (as *communis*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix traindra*; *S. rossica*; *S. rosmarinifolia*) (as *aurichalceus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Rubus*; *Rosa*) – TROPIN, 1965 [#8652] (*Cornus sanguinea*) (as *foveolatus*) (biology) – SIMON, 1966 [#3266] (*Rubus*) (as *aurichalceus*) – GOTTWALD, 1968 [#1114] (*Rubus*; *Rosa*) (as *aurichalceus*) – GOBBI, 1971 [#1092] (*Rubus*) (as *aurichalceus*) – SCHAEFER, 1972 [#2579] (*Rubus*; *Rosa*) (as *aurichalceus*) – FRANZ, 1974 [#4334] (*Rubus*; *Rosa canina*) (as *aurichalceus*) – GURYEVA, 1974 [#5428] (*Rosa*; *Rubus*; other host plants cited in literature are doubtful) (biology) – GURYEVA, 1974 [#5428] (*Salix*) (as *aurichalceus*) – NIEHUIS, 1974 [#3629] (*Rubus*) (as *aurichalceus*) – ALEXEEV, 1975 [#52] (*Rosa*; *Hulthemia*; *Rubus*) (as *kuznecovinus*) – KNOPF, 1975 [#9037] (*Rosa*) – WELLS et al.,



1976 [#3079] (*Rubus*; *Rosa*) (as *rubicola*) – VOLKOVITSH, 1977 [#2985] (*Salix caprea*) (as *aurichalceus*) – VOLKOVITSH, 1977 [#2985] (*Rosa canina*) – HELLRIGL, 1978 [#3442] (*Rubus*; *Rosa*) (as *aurichalceus*) (biology) – ALEXEEV, 1981 [#61] (*Rubus*; *Rosa*; *Acer*; *Cornus*) – NELSON et al., 1981 [#1903] (*Ribes alpinum*) (as *rubicola*) – BÍLÝ, 1982 [#295] (*Rosa*; *Rubus*) (as *aurichalceus*) (biology) – BURAKOWSKI et al., 1985 [#399] (*Rubus*) (as *aurichalceus*) (biology) – COBOS, 1986 [#609] (*Rubus*; *Rosa*) (as *aurichalceus*) (biology) – GOBBI, 1986 [#1100] (*Rubus*; *Rosa*; *Crataegus*; *Prunus*) (as *aurichalceus*) – GOBBI, 1986 [#1100] (*Rosa*; *Rubus*) (as *calcicola*) – BRIGHT, 1987 [#379] (*Rosa*; *Ribes*; *Rubus*) (as *aurichalceus*) – NIEHUIS, 1988 [#1912] (*Rubus ideus*; *R. caesius*; *R. fruticosus*) (as *aurichalceus*) (biology) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Rosa*; *Cornus*; *Rubus*) (as *kuznecovinus*) – CAMPBELL et al., 1989 [#8198] (*Rosa*) (as *aurichalceus*) (biology) – WEIDLICH, 1989 [#6165] (*Rosa canina*) (as *calcicola*) – NELSON & MACRAE, 1990 [#1864] (*Rosa multiflora*) (as *aurichalceus*) – MERKL, 1991 [#6564] (*Cornus sanguinea*) (as *aurichalceus*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Rosa damascena*; *Rosa canina*; *Rubus idaeus*; *R. caesius*; *R. fruticosus*) (as *aurichalceus*) – RUICANESCU, 1993 [#3257] (*Rubus*; *Rosa*) (as *aurichalceus*) – CURLETTI, 1994 [#658] (*Rosa*; *Rubus*) (as *aurichalceus*) – KRÓLIK & MAJEWSKI, 1994 [#3471] (*Rubus*; *Rosa*) (as *aurichalceus*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Rosa*; *Rubus*) – SOLOMON, 1995 [#7647] (*Rosa*; *Rubus*) (as *aurichalceus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Rosa*) (as *aurichalceus*) – NELSON et al., 1996 [#3975] (*Rosa nutkana* var. *hispidia*; *Rosa woodsii* var. *ultramontana*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) (as *aurichalceus*) – BÍLÝ, 1999 [#4478] (*Rubus*; *Rosa*) (as *aurichalceus*) – KUROLI, 1999 [#5916] (*Rosa*; *Rubus*) (as *aurichalceus*) (biology) – TLEPPAEVA, 1999 [#6551] (*Rosa*; *Rubus*) – STUMPF et al., 2001 [#5788] (*Rubus*; *Rosa*) – BÍLÝ, 2002 [#5877] (*Rosa*; *Rubus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Rubus fruticosus*; *Rubus ideus*; *Rubus caesius*; *Rosa*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Rubus caesius*; *Rubus fruticosus*; *Rubus ideus*; *Rosa alpina*; *Rosa canina*) (as *aurichalceus*) – JENDEK, 2003 [#5878] (*Rubus*; *Rosa*) – LARSON, 2003 [#6990] (*Rosa acicularis*; *R. woodsii*; *R. arkansana*) (as *aurichalceus*) (biology) – MACRAE & NELSON, 2003 [#5977] (*Rosa* and *Phlox*) – YANYTSKY, 2003 [#9052] (*Rosa*; *Rubus*) (as *aurichalceus*) – CRANSHAW, 2004 [#9681] (*Rubus*; *Rosa*) (as *aurichalceus*) (biology) – NIEHUIS, 2004 [#6762] (*Rubus*) (biology) – OHMOMO, 2004 [#6850] (*Rosa rugosa*) – SIKES, 2004 [#7233] (*Rosa*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Rosa*) – KOROTYAEV et al., 2005 [#7284] (*Rosa*) – VERDUGO PAÉZ, 2005 [#7256] (*Rubus*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Rosa canina*) – NELSON et al., 2008 [#8377] (*Rosa*; *Rubus*; *Ribes*) – NIKITSKII et al., 2008 [#8610] (*Rubus*; *Rosa*) – BOLDYREV & KOLESNIKOV, 2009 [#8893] (*Rosa canina*) (biology) – BOLDYREV & KOLESNIKOV, 2010 [#9622] (*Rosa*) (biology) – HODGE, 2010 [#8973] (*Rosa rugosa*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Rubus*; *Rosa*) – ŠKORPIK et al., 2011 [#9173] (*Rosa canina*; *R. jundzillii*; *R. rubiginosa*) (biology) – PAIERO et al., 2012 [#9293] (*Rosa*; *Ribes alpinum*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Rosa rugosa*; *R. canina*; *Rubus caesius*; *R. fruticosus* *R. idaeus*) – TLEPPAEVA, 2013 [#9532] (*Rosa iliensis*; *R. laxa*)

**Remarks** The larva lives in *Rosa* and *Rubus* (Rosaceae). The development in *Hulthemia* is unlikely. Records for other plants are false. Russian records for *Salix* under the name *A. aurichalceus* are misconceptions and relate to *A. salicis*. Records from *Ribes* refers to *A. ribesi* and those from *Cornus* to *A. roscidus*.

## ***Agrilus cupriventris* Gory & Laporte, 1839**

### ***Leguminosae***

*Acacia tortilis* (Forssk.) Hayne {3}

BELLAMY et al., 1988! [#248]

## ***Agrilus curtulus* Mulsant & Rey, 1863**

**Synonyms** *planiceps* Abeille de Perrin

### ***Fagaceae***

*Quercus* {3}

BAUDUER, 1878 [#165] – SCHAEFER, 1949! [#3285] – SCHAEFER, 1972 [#2579] – BÍLÝ, 2002! [#5877]

*Quercus cerris* L. {2}

GOBBI, 1970 [#1091] – GOBBI, 1986 [#1100] – IZZILLO, 2013 [#9471]

*Quercus coccifera* L. {2}

SCHAEFER, 1949 [#2565]

*Quercus ilex* L. {2}

NOVAK, 1964 [#6567] (as *planiceps*)

*Quercus petraea* (Matt.) Liebl. {2}

SCHAEFER, 1949 [#2565]

*Quercus pubescens* Willd. {2}

SCHAEFER, 1949 [#2565] – SCHAEFER, 1955 [#2572] – SCHAEFER, 1964 [#2575] – MAGNANI, 1992 [#3208]

*Quercus pyrenaica* Willd. {2}

GOBERT, 1878 [#5294] – DELHERM DE LARCENNE, 1885 [#3924] – SCHAEFER, 1949 [#2565]

**Synopsis** BAUDUER, 1878 [#165] (*Quercus*) – GOBERT, 1878 [#5294] (*Quercus pyrenaica*) – BAUDUER, 1883 [#5143] (*Quercus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus pyrenaica*) – CAILLOL, 1913 [#4053] (*Quercus*) (as *planiceps*) –

BEDEL, 1921 [#170] (*Quercus*) (as *planiceps*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) (as *planiceps*) – SCHAEFER, 1949 [#3285] (*Quercus*) (biology) – SCHAEFER, 1949 [#2565] (*Quercus petraea*; *Q. pubescens*; *Q. pyrenaica*; *Q. coccifera*) (biology) – HORION, 1955 [#1285] (*Quercus*) (biology) – SCHAEFER, 1955 [#2572] (*Quercus pubescens*) – NOVAK, 1964 [#6567] (*Quercus ilex*) (as *planiceps*) – SCHAEFER, 1964 [#2575] (*Quercus pubescens*) – GOBBI, 1970 [#1091] (*Quercus cerris*) – SCHAEFER, 1972 [#2579] (*Quercus*) – GOBBI, 1986 [#1100] (*Quercus cerris*) – MAGNANI, 1992 [#3208] (*Quercus pubescens*) – CURLETTI, 1994 [#658] (*Quercus*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) – BILÝ, 2002 [#5877] (*Quercus pubescens*; *Q. robur*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus*) – MÜHLE, 2007 [#8787] (*Quercus*) – IZZILLO, 2013 [#9471] (*Quercus cerris*)

### ***Agrilus cyaneoniger* Saunders, 1873**

**Synonyms** *cupreoviridis* Lewis (unavailable); *melanopterus* Solsky

### ***Euphorbiaceae***

*Croton congestus* Lour.. {0}

YE et al., 2011 [#9181] (as *melanopterus*) (as *Xylosma racemosa* (Siebold & Zucc.) Miq.)

### ***Fagaceae***

*Quercus* {3}

MÜHLMANN, 1954! [#8152] – KUROSAWA, 1963 [#1618]

*Quercus acuta* Thunb. {2}

KO, JE HO, 1969 [#9209]

*Quercus acutissima* Carruth. {2}

KO, JE HO, 1969 [#9209]

*Quercus aliena* Blume {2}

KO, JE HO, 1969 [#9209]

*Quercus dentata* Thunb. {3}

KUROSAWA, 1947! [#3339]

*Quercus mongolica* Fisch. ex Ledeb. {3}

GAO et al., 2010! [#9180] (as *melanopterus*) – YE et al., 2011! [#9181] (as *melanopterus*) – YU et al., 2011! [#9182] (as *melanopterus*)

*Quercus mongolica* ssp. *crispula* (Blume) Menitsky {3}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Quercus mongolica* var. *grosseserrata* (Blume) Rehder & E. H.)

*Quercus myrsinifolia* Blume {2}

KO, JE HO, 1969 [#9209]

*Quercus serrata* Murray {2}

LEWIS, 1893 [#1722] (as *cupreoviridis*)

*Quercus variabilis* Blume {2}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** LEWIS, 1893 [#1722] (*Quercus serrata*) (as *cupreoviridis*) – KUROSAWA, 1947 [#3339] (*Quercus dentata*) – MÜHLMANN, 1954 [#8152] (*Quercus*) – KUROSAWA, 1963 [#1618] (*Quercus*) – KO, JE HO, 1969 [#9209] (*Quercus myrsinaefolia*; *Q. acuta*; *Q. acutissima*; *Q. aliena*) – CHANG-WHAN KIM, 1978 [#9736] (*Quercus acutissima*) – ALEXEEV, 1989 [#64] (*Quercus*) – ALEXEEV, 1989 [#64] (*Quercus*) (as *melanopterus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus mongolica* var. *grosserrata*; *Q. acutissima*; *Q. serrata*; *Q. variabilis*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus acutissima*; *Q. variabilis*) (as *melanopterus*) – HUA LI ZHONG, 2002 [#6696] (*Quercus*) – GAO et al., 2010 [#9180] (*Quercus mongolica*) (as *melanopterus*) (biology) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – YE et al., 2011 [#9181] (*Xylosma recemosum*) (as *melanopterus*) – YU et al., 2011 [#9182] (*Quercus mongolica*) (as *melanopterus*) (biology) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus acutissima*; *Q. mongolica* var. *grosseserrata*; *Q. serrata*; *Q. variabilis*)

**Remarks** *Xylosma recemosum* cited by Ye, Yu & Gao (2011) is an incorrect translation. The original Chinese text refers to *Quercus mongolica*.

## *Agrilus cyanescens cyanescens* (Ratzeburg, 1837)

**Synonyms** *caeruleus* Rossi; *cuprescens* Fleischer (unavailable); *cyaneus* Gory & Laporte (unavailable); *italicus* Obenberger; *kyselyi* Obenberger; *pooli* Théry

## *Adoxaceae*

*Viburnum* {0}

NELSON et al., 1981 [#1903]

## *Apiaceae*

*Eryngium campestre* L. {0}

CAILLOL, 1913 [#4053] (as *caeruleus*)

***Betulaceae****Alnus* {0}

RATZEBURG, 1839 [#3675] – CALWER, 1858 [#8204] – MARSEUL, 1866 [#676] (as *caeruleus*) – CAILLOL, 1913! [#4053] (as *caeruleus*) – ESCHERICH, 1923! [#6717] (as *caeruleus*)

*Betula* {0}

RATZEBURG, 1839 [#3675] – CALWER, 1858 [#8204] – MARSEUL, 1866 [#676] (as *caeruleus*) – WESTHOFF, 1881 [#3925] (as *caeruleus*) – XAMBEU, 1893! [#7788] (as *caeruleus*) – CAILLOL, 1913! [#4053] (as *caeruleus*) – ESCHERICH, 1923! [#6717] (as *caeruleus*)

*Carpinus betulus* L. {0}

ROGER, 1856 [#7468] (as *caeruleus*) – REITTER, 1870 [#4393] (as *caeruleus*)

***Caprifoliaceae****Lonicera* {3}

WEST, 1840 [#8781] (as *caeruleus*) – HEYDEN, 1863 [#8478] (as *caeruleus*) – CAILLOL, 1913! [#4053] (as *caeruleus*) – KNULL, 1944 [#1546] (as *caeruleus*) – SCHAEFER, 1951 [#3283] – SCHAEFER, 1963 [#3591] – HANSEN, 1964! [#7731] – FRANZ, 1974 [#4334] – KUBÁŇ, 1978! [#3474] – ALEXEEV, 1979! [#57] (as *pooli*) – NIEHUIS, 1988! [#1912] – RUICANESCU, 1993 [#3257] – ESSER, 1998 [#6316] – STUMPF et al., 2001 [#5788] – NIEHUIS, 2004! [#6762] – MAIER, 2012! [#9330]

*Lonicera caerulea* L. {2}

NÖRDLINGER, 1880 [#4432] (as *caeruleus*)

*Lonicera implexa* Aiton {3}

SCHAEFER, 1949! [#2565]

*Lonicera involucrata* (Richardson) Banks ex Spreng. {2}

DREES, 1999 [#4821]

*Lonicera morrowii* A. Gray {2}

MAIER, 2005 [#7225]

*Lonicera nigra* L. {3}

KELCH, 1846 [#9290] – ROGER, 1856 [#7468] (as *caeruleus*) – REITTER, 1870 [#4393] (as *caeruleus*) – NÖRDLINGER, 1880 [#4432] (as *caeruleus*) – BERTOLINI, 1891 [#263] (as *caeruleus*) – HEYDEN, 1897 [#5286] (as *caeruleus*) – BÍLÝ, 2002! [#5877]

*Lonicera periclymenum* L. {3}

DAEHNE, 1912 [#3609] (as *caeruleus*) – BRECHTEL & KOSTENBADER, 2002 [#5766] – NIEHUIS, 2004 [#6762] – FÄGERSTRÖM et al., 2009! [#8843]

*Lonicera tatarica* L. {3}

ROSENHAUER, 1882! [#8755] (as *caeruleus*) – DREES, 1999 [#4821] – ŠKORPÍK et al., 2011 [#9173]

*Lonicera xylosteum* L. {3}

NÖRDLINGER, 1880 [#4432] (as *caeruleus*) – JUNG, 1896 [#9746] (as *caeruleus*) –  
DAEHNE, 1912 [#3609] (as *caeruleus*) – SCHAEFER, 1949! [#3285] – SCHAEFER,  
1949! [#2565] – ALEXEEV, 1958! [#3982] (as *caeruleus*) – HELLRIGL, 1978!  
[#3442] – BRECHTEL & KOSTENBADER, 2002! [#5766] – KLETECKA, 2009! [#9165]

*Symphoria racemosa* (Michx.) Pursh {2}

NÖRDLINGER, 1880 [#4432] (as *caeruleus*) (as *Lonicera racemosa* (Michx.) Pers.)

*Symphoricarpos* {1}

LAUTERBACH, 1992 [#4294] – NELSON et al., 1996 [#3975] – NIEHUIS, 2004 [#6762]

*Symphoricarpos orbiculatus* Moench {1}

WESTCOTT, 1991 [#3085]

## ***Celastraceae***

*Euonymus europaeus* L. {0}

ALTUM, 1881 [#4896] (as *caeruleus*)

## ***Ericaceae***

*Arbutus unedo* L. {0}

GOBBI, 1974 [#1095] (as *kyselyi*)

## ***Fagaceae***

*Castanea* {0}

GALIBERT, 1932 [#8312] (as *caeruleus*)

*Fagus* {0}

RATZEBURG, 1839 [#3675] – MARSEUL, 1866 [#676] (as *caeruleus*) – WESTHOFF,  
1881 [#3925] (as *caeruleus*) – XAMBEU, 1893! [#7788] (as *caeruleus*) – CAILLOL,  
1913! [#4053] (as *caeruleus*) – ESCHERICH, 1923! [#6717] (as *caeruleus*) – RAPP,  
1934 [#8272] (as *caeruleus*)

*Quercus* {0}

RATZEBURG, 1837! [#2498] – RATZEBURG, 1839 [#3675] – RATZEBURG, 1839  
[#2499] – RATZEBURG, 1844 [#8764] – BACH, 1852! [#8076] – MARCOTTE, 1852  
[#9001] (as *cyaneus*) – CALWER, 1858 [#8204] – GREDLER, 1863 [#4680]  
(as *caeruleus*) – MARSEUL, 1866 [#676] (as *caeruleus*) – LOKAJ, 1869 [#4332]  
(as *caeruleus*) – STIERLIN & GAUTARD, 1869 [#8271] (as *caeruleus*) – KLIKA, 1873  
[#8199] (as *caeruleus*) – BAUDUER, 1878 [#165] (as *caeruleus*) – WESTHOFF, 1881  
[#3925] (as *caeruleus*) – LORIFERNE & POULAIN, 1888 [#8767] (as *caeruleus*) –  
FAVRE & BUGNION, 1890 [#5593] (as *caeruleus*) – XAMBEU, 1893! [#7788]

(as *caeruleus*) – HEYDEN, 1904 [#5717] (as *caeruleus*) – CARPENTIER & DELABY, 1908 [#7378] (as *caeruleus*) – CAILLOL, 1913! [#4053] (as *caeruleus*) – ESCHERICH, 1923! [#6717] (as *caeruleus*) – RAPP, 1934 [#8272] (as *caeruleus*) – SCHAEFER, 1949 [#3285] – SIMON, 1966 [#3266] (as *caeruleus*) – RUICANESCU, 1993 [#3257]

*Quercus cerris* L. {0}

GOBBI, 1973 [#1093]

*Quercus ilex* L. {0}

SCHAEFER, 1968 [#2577]

## ***Myricaceae***

*Myrica gale* L. {0}

RATZEBURG, 1839 [#3675]

## ***Oleaceae***

*Fraxinus ornus* L. {0}

SCHAEFER, 1949 [#2565]

## ***Rhamnaceae***

*Rhamnus* {3}

RATZEBURG, 1839 [#3675] – NIEHUIS & TEZCAN, 1993 [#1910]

*Rhamnus cathartica* L. {3}

GOBBI, 1973 [#1093] – HELLRIGL, 1978! [#3442]

## ***Rosaceae***

*Aruncus sylvester* Kostel. ex Maxim. {0}

ROGER, 1856 [#7468] (as *caeruleus*) (as *Spiraea aruncus* L.) – REITTER, 1870 [#4393] (as *caeruleus*) (as *Spiraea aruncus* L.)

*Pyrus pyraister* (L.) Du Roi {0}

CROVATO & IZZILLO, 1995 [#3791] (as *italicus*)

*Rosa hugonis* Hemsl. {3}

BRITTON & ZAPPE, 1927! [#5181] (misidentified as *viridis* variety *fagi*) (as *cuprescens*)

*Rosa rugosa* Thunb. {3}

BRITTON & ZAPPE, 1927! [#5181] (misidentified as *viridis* variety *fagi*) (as *cuprescens*)

*Rubus* {0}

SIMON, 1966 [#3266] (as *caeruleus*)

*Sorbus* {0}

RATZEBURG, 1839 [#3675] – WESTHOFF, 1881 [#3925] (as *caeruleus*)

## *Salicaceae*

*Populus* {0}

GALIBERT, 1932 [#8312] (as *caeruleus*)

*Salix* {0}

GREDLER, 1863 [#4680] (as *caeruleus*) – AMMAN & KNABL, 1913 [#4898] (as *caeruleus*) – NIEHUIS, 2004 [#6762]

*Salix caprea* L. {0}

DAEHNE, 1912 [#3609] (as *caeruleus*)

## *Ulmaceae*

*Ulmus campestris* L. {0}

GOBBI, 1974 [#1095] (as *kyselyi*)

**Synopsis** RATZEBURG, 1837 [#2498] (*Quercus*) – RATZEBURG, 1839 [#3675] (*Quercus*; *Fagus*; *Alnus*; *Betula*; *Sorbus*; *Rhamnus*; *Myrica gale*) – RATZEBURG, 1839 [#2499] (*Quercus*) – WEST, 1840 [#8781] (*Lonicera*) (as *caeruleus*) (biology) – RATZEBURG, 1844 [#8764] (*Quercus*) – KELCH, 1846 [#9290] (*Lonicera nigra*) – MARCOTTE, 1852 [#9001] (*Quercus*) (as *cyaneus*) – ROGER, 1856 [#7468] (*Lonicera nigra*; *Spiraea aruncus*; *Carpinus betulus*) (as *caeruleus*) – CALWER, 1858 [#8204] (*Quercus*; *Betula*; *Alnus*) – GREDLER, 1863 [#4680] (*Quercus*; *Salix*) (as *caeruleus*) – HEYDEN, 1863 [#8478] (*Lonicera*) (as *caeruleus*) – MARSEUL, 1866 [#676] (*Quercus*; *Fagus*; *Betula*; *Alnus*) (as *caeruleus*) – LOKAJ, 1869 [#4332] (*Quercus*) (as *caeruleus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Quercus*) (as *caeruleus*) – REITTER, 1870 [#4393] (*Spiraea aruncus*; *Lonicera nigra*; *Carpinus betulus*) (as *caeruleus*) – KLIKA, 1873 [#8199] (*Quercus*) (as *caeruleus*) – BAUDUER, 1878 [#165] (*Quercus*) (as *caeruleus*) – NÖRDLINGER, 1880 [#4432] (*Lonicera xylosteum*; *L. nigra*; *L. coerulea*; *L. racemosa*) (as *caeruleus*) – ALTUM, 1881 [#4896] (*Euonymus europaeus*) (as *caeruleus*) – WESTHOFF, 1881 [#3925] (*Betula*; *Fagus*; *Quercus*; *Sorbus*) (as *caeruleus*) – ROSENHAUER, 1882 [#8755] (*Lonicera tatarica*) (as *caeruleus*) (biology) – BAUDUER, 1883 [#5143] (*Quercus*; *Fagus*; *Rubus*; *Betula*; *Alnus*) (as *caeruleus*) – JÄGER, 1884 [#5594] (*Quercus*; *Fagus*; *Alnus*; *Betula*) (as *caeruleus*) – LORIFERNE & POULAIN, 1888 [#8767] (*Quercus*) (as *caeruleus*) – FAVRE & BUGNION, 1890 [#5593] (*Quercus*) (as *caeruleus*) – BERTOLINI, 1891 [#263] (*Lonicera nigra*) (as *caeruleus*) – LETZNER, 1892 [#4469] (*Quercus*; *Fagus*; *Betula*; *Lonicera nigra*) (as *caeruleus*) – STIERLIN, 1893 [#7652] (*Quercus*; *Fagus*; *Alnus*;



*Betula*) (as *caeruleus*) – XAMBEU, 1893 [#7788] (*Quercus*; *Fagus*; *Betula*) (as *caeruleus*) (biology) – JUNG, 1896 [#9746] (*Lonicera xylosteum*) (as *caeruleus*) – HEYDEN, 1897 [#5286] (*Lonicera nigra*) (as *caeruleus*) – EVERTS, 1903 [#6677] (*Lonicera*) (as *caeruleus*) – HEYDEN, 1904 [#5717] (*Quercus*) (as *caeruleus*) – CARPENTIER & DELABY, 1908 [#7378] (*Quercus*) (as *caeruleus*) – STIERLIN, 1909 [#9006] (*Quercus*) (as *caeruleus*) – DAEHNE, 1912 [#3609] (*Lonicera xylosteum*; *L. periclymenum*; *Salix caprea*) (as *caeruleus*) – AMMAN & KNABL, 1913 [#4898] (*Salix*) (as *caeruleus*) – CAILLOL, 1913 [#4053] (*Lonicera*; *Quercus*; *Fagus*; *Betula*; *Alnus*; *Eryngium campestre*) (as *caeruleus*) (biology) – BEDEL, 1921 [#170] (*Lonicera tatarica*; *L. amplexus*) (as *caeruleus*) (biology) – ESCHERICH, 1923 [#6717] (*Quercus*; *Alnus*; *Fagus*; *Betula*) (as *caeruleus*) – ABOT, 1928 [#8304] (*Quercus*) (as *caeruleus*) – GALIBERT, 1932 [#8312] (*Castanea*; *Populus*) (as *caeruleus*) – GEBHARDT, 1932 [#6951] (*Quercus*; *Fagus*; *Alnus*; *Betula*) – RAPP, 1934 [#8272] (*Quercus*; *Fagus*) (as *caeruleus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) (as *caeruleus*) – KNULL, 1944 [#1546] (*Lonicera*) (as *caeruleus*) – SCHAEFER, 1949 [#3285] (*Lonicera xylosteum*; *Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus*; *Fraxinus ornus*; *Lonicera nigra*; *L. tatarica*; *L. xylosteum*; *L. tatarica*; *L. implexa*) (biology) – RIKHTER, 1950 [#3881] (*Lonicera*) (as *caeruleus*) – SCHAEFER, 1951 [#3283] (*Lonicera*) – MÜHLMANN, 1954 [#8152] (*Quercus*; *Fagus*; *Betula*; *Alnus*) (as *caeruleus*) – HORION, 1955 [#1285] (*Quercus*; *Fagus*; *Alnus*; *Betula*; *Fraxinus*; *Rosa*) (biology) – LIEBMANN, 1955 [#8543] (*Lonicera xylostheum*) (as *caeruleus*) – TER MINASYAN, 1955 [#7893] (*Lonicera*; *Fraxinus ornus*; *Quercus*; *Fagus*; *Betula*; *Alnus*; *Rosa*) (as *caeruleus*) – ALEXEEV, 1958 [#3982] (*Lonicera xylosteum*) (as *caeruleus*) (biology) – ALEXEEV, 1959 [#3229] (*Lonicera*) (as *caeruleus*) – ALEXEEV, 1961 [#3243] (*Lonicera*) (as *caeruleus*) – ZAGAIKEVICH, 1962 [#3249] (*Lonicera*) (as *caeruleus*) – SCHAEFER, 1963 [#3591] (*Lonicera*) – HANSEN, 1964 [#7731] (*Lonicera*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Lonicera*) (as *caeruleus*) – SIMON, 1966 [#3266] (*Quercus*; *Rubus*) (as *caeruleus*) – GOTTWALD, 1968 [#1114] (*Lonicera*) – SCHAEFER, 1968 [#2577] (*Quercus ilex*) – SCHAEFER, 1972 [#2579] (*Lonicera*) – GOBBI, 1973 [#1093] (*Rhamnus cathartica* and *Quercus cerris*) – FRANZ, 1974 [#4334] (*Lonicera*; *Quercus*; *Fagus*; *Betula*; *Fraxinus*) – GOBBI, 1974 [#1095] (*Ulmus campestris*; *Arbutus unedo*) (as *kyselyi*) – GURYEVA, 1974 [#5428] (*Lonicera*) (as *caeruleus*) – WELLSO et al., 1976 [#3079] (*Lonicera tatarica*) (as *caeruleus*) – HELLRIGL, 1978 [#3442] (*Lonicera*; *Rhamnus*) (biology) – KUBÁŇ, 1978 [#3474] (*Lonicera*) (biology) – ALEXEEV, 1979 [#57] (*Lonicera*) (as *pooli*) – ALEXEEV, 1981 [#61] (*Lonicera*) (as *caeruleus*) – NELSON et al., 1981 [#1903] (*Viburnum*) – BÍLÝ, 1982 [#295] (*Lonicera*) (biology) – GOBBI, 1986 [#1100] (*Quercus*; *Fagus*; *Alnus*; *Betula*; *Lonicera*; *Fraxinus*; *Rosa*; *Rubus* etc) (biology) – BRIGHT, 1987 [#379] (*Lonicera*; *Quercus*; *Betula*; *Fagus*; *Alnus*; *Rosa*) – NIEHUIS, 1988 [#1912] (*Lonicera*) (biology) – ALEXEEV, 1989 [#64] (*Lonicera*) (as *pooli*) – ALEXEEV, 1989 [#64] (*Lonicera*; *Fraxinus*; *Quercus*; *Fagus*; *Betula*; *Alnus*; *Rosa*) – WESTCOTT, 1991 [#3085] (*Symphoricarpos orbiculatus*) – LAUTERBACH, 1992 [#4294] (*Symphoricarpos*) (biology) – NIEHUIS & TEZCAN, 1993 [#1910] (*Rhamnus*) – RUICANESCU, 1993 [#3257] (*Quercus*; *Lonicera*) – CURLETTI, 1994 [#658] (*Acer*; *Alnus*; *Betula*;

*Castanea; Fagus; Fraxinus; Lonicera; Populus; Quercus; Rhamnus; Salix; Tilia; Ulmus*) – CROVATO & IZZILLO, 1995 [#3791] (*Pyrus pyraeaster*) (as *italicus*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus; Betula; Fagus; Alnus*) – NELSON et al., 1996 [#3975] (*Symphoricarpos*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) – ESSER, 1998 [#6316] (*Lonicera*) – MÜHLE, 1998 [#5625] (*Rhamnus cathartica* not *R. frangula*) – BÍLÝ, 1999 [#4478] (*Lonicera nigra*) – DREES, 1999 [#4821] (*Lonicera involucrata; L. tatarica; Symphoricarpos*) (biology) – STUMPF et al., 2001 [#5788] (*Lonicera; Rhamnus*) – BÍLÝ, 2002 [#5877] (*Lonicera; Rhamnus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Lonicera xylosteum; L. periclymenum*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Quercus; Lonicera*) – YANYTSKY, 2003 [#9052] (*Lonicera; Quercus; Fagus; Alnus; Betula; Acer*) – NIEHUIS, 2004 [#6762] (*Lonicera; Symphoricarpos; Salix*) (biology) – MAIER, 2005 [#7225] (*Lonicera morrowii*) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus; Fagus; Fraxinus; Alnus; Betula; Acer; Ulmus; Tilia; Castanea; Salix; Populus; Lonicera*) – NELSON et al., 2008 [#8377] (*Lonicera; Symphoricarpos; Viburnum; Alnus; Betula; Crataegus; Eryngium; Fagus; Quercus; Rosa; Rubus*) – FÄGERSTRÖM et al., 2009 [#8843] (*Lonicera periclymenum*) (biology) – JENDEK & GREBENNIKOV, 2009 [#8561] (*Lonicera; Symphoricarpos; Rhamnus*) – KLETECKA, 2009 [#9165] (*Lonicera xylosteum*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Lonicera*) – ŠKORPÍK et al., 2011 [#9173] (*Lonicera tatarica*) (biology) – MAIER, 2012 [#9330] (*Lonicera*) – PAIERO et al., 2012 [#9293] (*Lonicera*)

**Remarks** The biology of *A. cyanescens* is well known. The species develops primarily in *Lonicera*, but adult records are also for other Caprifoliaceae like *Symphoria* and *Symphoricarpos*. The only well documented, plausible larval record from other plant families is that from *Rhamnus* (Rhamnaceae). Records for other plant genera are misidentifications, usually of blue forms of *A. viridis*, *A. sulcicollis* or *A. cuprescens*.

## *Agrilus cyanescens johanidesi* Niehuis, 1999

### Caprifoliaceae

*Lonicera* {3}

NIEHUIS, 1999! [#4829] – JENDEK & GREBENNIKOV, 2009 [#8561]

## *Agrilus cyanipennis* Gory & Laporte, 1839

**Synonyms** *dalbergiae* Théry

***Leguminosae****Dalbergia sissoo* DC. {3}

THÉRY, 1930 [#2767] (as *dalbergiae*) – BEESON, 1941! [#178] (as *dalbergiae*) –  
 GUL & CHAUDHRY, 1980! [#4197] (as *dalbergiae*) – GUL & CHAUDHRY, 1983!  
 [#5425] (as *dalbergiae*)

**Synopsis** THÉRY, 1930 [#2767] (*Dalbergia sissoo*) (as *dalbergiae*) – BEESON, 1941  
 [#178] (*Dalbergia sissoo*) (as *dalbergiae*) (biology) – GUL & CHAUDHRY, 1980  
 [#4197] (*Dalbergia sissoo*) (as *dalbergiae*) (biology) – GUL & CHAUDHRY, 1983  
 [#5425] (*Dalbergia sissoo*) (as *dalbergiae*) (biology) – JENDEK & GREBENNIKOV,  
 2011 [#8765] (*Dalbergia sissoo*)

***Agrilus cylindratus* Kerremans, 1896*****Solanaceae****Nicotiana* {0}

KERREMANS, 1896 [#1422]

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”)**Remarks** Accidental occurrence.***Agrilus cyphothoracoides* Hespeneide, 2008*****Lamiaceae****Salvia* {1}

HESPENHEIDE, 2008 [#9317]

***Leguminosae****Eysenhardtia polystachya* (Ortega) Sarg. {1}

HESPENHEIDE, 2008 [#9317]

## ***Agrilus cypselus* Curletti, 2006**

### ***Fagaceae***

*Castanopsis* {1}

CURLETTI, 2006 [#7966]

*Castanopsis acuminatissima* (Blume) A. DC. {1}

CURLETTI, 2006 [#7966]

## ***Agrilus cytisi* Baudi, 1870**

**Synonyms** *baudii* Bauduer; *subchalybaeus* Obenberger (unavailable)

### ***Leguminosae***

*Cytisus* {3}

BAUDUER, 1878 [#165] (as *baudii*)

*Cytisus triflorus* Lam. {3}

GOBBI, 1983 [#1098]

*Laburnum alpinum* (Mill.) Bercht. & J. Presl {3}

BAUDI, 1870! [#141] (as *Cytisus alpinus* Mill.) – OBENBERGER, 1917! [#1997]  
(as *subchalybaeus*) (as *Cytisus alpinus* Mill.)

*Laburnum anagyroides* Medik. {3}

BAUDI, 1889 [#142] (as *Cytisus laburnum* L.) – CURLETTI, 1980! [#641]  
(as *Cytisus laburnum* L.)

**Synopsis** BAUDI, 1870 [#141] (*Cytisus alpinus*) – BAUDUER, 1878 [#165] (*Cytisus*) (as *baudii*) – BAUDUER, 1883 [#5143] (*Cytisus*) (as *baudii*) – BAUDI, 1889 [#142] (*Cytisus laburnum*) – OBENBERGER, 1917 [#1997] (*Cytisus alpinus*) (as *subchalybaeus*) – CURLETTI, 1980 [#641] (*Cytisus laburnum*) – CURLETTI, 1983 [#646] (*Laburnum alpinum*) – GOBBI, 1983 [#1098] (*Cytisus triflorus*) – GOBBI, 1986 [#1100] (*Laburnum alpinum*; *Cytisus triflorus*) – CURLETTI, 1994 [#658] (*Laburnum alpinum*) – CURLETTI & ABERLENC, 2005 [#7210] (*Laburnum alpinum*)

## ***Agrilus dahoi* Baudon, 1965**

### ***Pinaceae***

*Pinus kesiya* Royle ex Gordon {1}

BAUDON, 1968 [#162] (as *Pinus khasya* Hook. f.)

**Synopsis** BAUDON, 1968 [#162] (*Pinus khasya*) – JENDEK, 2013 [#9482] (*Pinus khasya*)

## ***Agrilus daimio* Obenberger, 1936**

### ***Betulaceae***

*Carpinus laxiflora* (Siebold & Zucc.) Blume {3}  
OHMOMO, 2006! [#7546]

### ***Celastraceae***

*Euonymus oxyphyllus* Miq. {1}  
OHMOMO, 2006 [#7546]

### ***Lauraceae***

*Lindera praecox* (Siebold & Zucc.) Blume {3}  
AKIYAMA & OHMOMO, 1997 [#4091] (as *Parabenzoin praecox* (Siebold & Zucc.) Nakai) – OHMOMO, 2006! [#7546] (as *Parabenzoin praecox* (Siebold & Zucc.) Nakai)

### ***Symplocaceae***

*Symplocos argutidens* Nakai {3}  
OHMOMO, 2006! [#7546]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Parabenzoin praecox*) – OHMOMO, 2006 [#7546] (*Euonymus oxyphyllus*; *Parabenzoin praecox*; *Symplocos argutidens*; *Carpinus laxiflora*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Carpinus*; *Euonymus*; *Parabenzoin*; *Symplocos*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Euonymus oxyphyllus*; *Parabenzoin praecox*; *Carpinus laxiflora*)

## ***Agrilus dama* Curletti, 2006**

### ***Fagaceae***

*Castanopsis* {1}  
CURLETTI, 2006 [#7966]

## ***Agrilus deauratus* MacLeay, 1872**

### ***Leguminosae***

*Acacia* {3}

WILLIAMS, 1985! [#3119]

### ***Myrtaceae***

*Eucalyptus paniculata* Sm. {3}

WILLIAMS, 1985! [#3119]

### ***Putranjivaceae***

*Drypetes deplanchei* (Brongn. & Gris) Merr. {3}

WILLIAMS, 1985! [#3119] (as *Drypetes australasica* (Müll. Arg.) Pax & K. Hoffm.)

**Synopsis** WILLIAMS, 1985 [#3119] (?*Drypetes australasica*; *Acacia*; *Eucalyptus paniculata*) – WEBB, 1993 [#4284] (*Acacia*) – TURNER & HAWKESWOOD, 1996 [#7720] (*Acacia*; *Drypetes*; *Eucalyptus*) – BELLAMY, 2002 [#5764] (*Drypetes australasica*; *Acacia*) – HAWKESWOOD, 2002 [#6228] (*Drypetes australasica*; *Eucalyptus paniculata*; *Acacia longifolia*) – BELLAMY et al., 2013 [#9486] (*Drypetes deplanchei*; *Acacia longifolia*; *Eucalyptus paniculata*)

**Remarks** Larval records refer to plants from three families which is unusual and needs verification.

## ***Agrilus debilis* Fähræus, 1851**

### ***Leguminosae***

*Acacia mellifera* (M. Vahl) Benth. {1}

CURLETTI & CRISTANO, 2013 [#9706]

## ***Agrilus decoloratus* Kerremans, 1892**

**Synonyms** *afghanistanicus* Alexeev; *alazon* Lewis

***Cannabaceae****Celtis sinensis* Pers. {1}KUROSAWA & IGA, 1947 [#1604] (as *alazon*) (as *Celtis sinensis* var. *japonica* (Planch.) Nakai)***Fagaceae****Quercus* {1}ALEXEEV, 1992 [#9302] (as *afghanisticus*)

**Synopsis** KUROSAWA & IGA, 1947 [#1604] (*Celtis sinensis* var. *japonica*) (as *alazon*) – KUROSAWA, 1963 [#1618] (*Celtis sinensis* var. *japonica*) (as *alazon*) – ALEXEEV, 1992 [#9302] (*Quercus*) (as *afghanisticus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Celtis sinensis* var. *japonica*) (as *alazon*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Celtis sinensis* var. *japonica*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis sinensis* var. *japonica*)

***Agrilus decupratus* Curletti, 2001*****Leguminosae****Acacia binervata* DC. {3}

CURLETTI, 2001! [#5025]

***Malvaceae****Heritiera actinophylla* (F. M. Bailey) Kosterm. {3}

BELLAMY et al., 2013! [#9486]

**Synopsis** CURLETTI, 2001 [#5025] (*Acacia binervata*) – BELLAMY, 2002 [#5764] (*Acacia binervata*) – BELLAMY et al., 2013 [#9486] (*Acacia binervata*; *Heritiera actinophylla*)

***Agrilus defectus* LeConte, 1860*****Fagaceae****Quercus* {3}

NICOLAY, 1919 [#1908] – FROST &amp; WEISS, 1920 [#8210]

*Quercus alba* L. {3}

KNULL, 1920! [#1508] – MUTCHLER & WEISS, 1922! [#1858] – KNULL, 1934! [#1523] – HESPENHEIDE, 1973! [#1220]

*Quercus macrocarpa* Michx. {2}

MACRAE, 2006 [#7542]

*Quercus muehlenbergii* Engelm. {3}

MACRAE, 2006! [#7542]

*Quercus stellata* Wangenh. {3}

KNULL, 1930! [#1518] – HESPENHEIDE, 1973! [#1220]

***Juglandaceae****Carya alba* (L.) Nutt. ex Elliott {1}

NELSON & MACRAE, 1990 [#1864] (as *Carya tomentosa* (Lam. ex Poir.) Nutt.)

**Synopsis** NICOLAY, 1919 [#1908] (*Quercus*) – FROST & WEISS, 1920 [#8210] (*Quercus alba*; *Quercus*) – KNULL, 1920 [#1508] (*Quercus alba*) – MUTCHLER & WEISS, 1922 [#1858] (*Quercus alba*) – FISHER, 1928 [#980] (*Quercus alba*) – FISHER & NICOLAY, 1928 [#9786] (*Quercus alba*) – KNULL, 1930 [#1518] (*Quercus stellata*) – KNULL, 1934 [#1523] (*Quercus alba*) – DOANE et al., 1936 [#7341] (*Quercus*) – HESPENHEIDE, 1973 [#1220] (*Quercus stellata*; *Q. alba*) – WELLSO et al., 1976 [#3079] (*Quercus*) – BRIGHT, 1987 [#379] (*Quercus alba*) – NELSON & MACRAE, 1990 [#1864] (*Carya tomentosa*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*) – MACRAE, 2003 [#5976] (*Quercus*) – MACRAE, 2006 [#7542] (*Quercus macrocarpa*; *Q. muehlenbergii*) – NELSON et al., 2008 [#8377] (*Quercus*; *Aesculus*; *Carya*; *Celtis*; *Cercis*; *Crataegus*; *Gymnocladus*) – PAIERO et al., 2012 [#9293] (*Quercus*)

***Agrilus deguchii* Tôyama, 1985*****Cannabaceae****Celtis boninensis* Koidz. {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Celtis liukiensis* Nakai)

***Ebenaceae****Diospyros morrisiana* Hance {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Celtis liukiensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis liukiensis*; *Diospyros morrisiana*)



***Agrilus delenitor celtivorus* Curletti, 1998*****Cannabaceae***

*Celtis zenkeri* Engl. {3}  
 CURLETTI, 1998! [#4514]

***Agrilus delmastrellus* Curletti & Vayssières, 2007*****Leguminosae***

*Parkia biglobosa* (Jacq.) G. Don {1}  
 CURLETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus delphinensis* Abeille de Perrin, 1897*****Salicaceae***

*Salix* {1}

ABEILLE DE PERRIN, 1897 [#19] – BEDEL, 1921 [#170] (misidentified as *pseudocyaneus*) – ZAGAIKEVICH, 1962 [#3249] – ALEXEEV, 1989 [#64] (misidentified as *pseudocyaneus*) – GUTOWSKI & MILKOWSKI, 2008 [#8244]

*Salix aurita* L. {1}

NIEHUIS, 1988 [#1912] – BRECHTEL & KOSTENBADER, 2002 [#5766] – NIEHUIS, 2004 [#6762]

*Salix caprea* L. {1}

SCHAEFER, 1949 [#2565] – FRANZ, 1974 [#4334] (misidentified as *pseudocyaneus*)

*Salix cinerea* L. {1}

NIEHUIS, 2004 [#6762]

*Salix viminalis* L. {1}

SCHAEFER, 1949 [#2565] – KETTERING, 1978 [#3623] – BRECHTEL & KOSTENBADER, 2002 [#5766]

**Synopsis** ABEILLE DE PERRIN, 1897 [#19] (*Salix*) – BEDEL, 1921 [#170] (*Salix*) (biology) – SCHAEFER, 1949 [#2565] (*Salix viminalis*; *S. caprea*) (biology) – HORION, 1955 [#1285] (*Salix caprea*; *S. viminalis*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Salix*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix*) – GOTTWALD, 1968 [#1114] (*Salix viminalis*) – FRANZ, 1974 [#4334] (*Salix caprea*) – HELLRIGL, 1974 [#1207] (*Salix viminalis*) – KETTERING, 1978 [#3623] (*Salix viminalis*) – BÍLY, 1982 [#295] (*Salix*) (biology) – GOBBI, 1986 [#1100] (*Salix*) – NIEHUIS, 1988 [#1912] (*Salix aurita*) – ALEXEEV, 1989 [#64] (*Salix*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Salix*) – CURLETTI, 1994 [#658] (*Salix viminalis*) – JENDEK, 1995

[#3767] (*Salix viminalis*; *S. caprea*) – BÍLÝ, 2002 [#5877] (*Salix*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Salix viminalis*; *S. aurita*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Salix viminalis*; *Salix caprea*) – NIEHUIS, 2004 [#6762] (*Salix*) (biology) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Salix*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Salix*)

**Remarks** The larva of this species is still unknown, but *Salix* is likely the larval host.

## ***Agrilus derasofasciatus* Lacordaire, 1835**

**Synonyms** *derasofasciatus* Mannerheim (unavailable); *derasofasciatus* Ziegler (unavailable); *hungerbuehleri* Pochon

## ***Anacardiaceae***

*Pistacia terebinthus* L. {0}  
BAUDYŠ, 1940! [#3986]

## ***Betulaceae***

*Corylus* {0}  
POCHON, 1963 [#2469] (as *hungerbuehleri*)

## ***Cucurbitaceae***

*Cucurbita pepo* L. {0}  
HOEBEKE, 1980 [#8287]

## ***Fagaceae***

*Quercus* {0}  
LETZNER, 1892 [#4469] – ALEXEEV, 1964 [#3847]  
*Quercus ilex* L. {0}  
NOVAK, 1964 [#6567]

**Rosaceae***Malus domestica* Borkh. {0}

ABOT, 1928 [#8304]

*Rosa* {0}

MALKIN, 1941 [#1768]

**Vitaceae***Vitis* {3}

PERRIS, 1851! [#3721] – GREDLER, 1863 [#4680] – MARSEUL, 1866! [#676] – CHAFFANJON, 1876! [#8934] (misidentified as *angustulus*) – BAUDUER, 1878 [#165] – ALTUM, 1881! [#4896] – KEPPEL, 1882! [#8636] – DELHERM DE LARCENNE, 1885 [#3924] – MAYET, 1887! [#4710] – LORIFERNE & POULAIN, 1888 [#8767] – FAVRE & BUGNION, 1890 [#5593] – MAYET, 1890! [#8962] – HEYDEN, 1897 [#5286] – HEYDEN, 1904! [#5717] – ABOT, 1928 [#8304] – GALIBERT, 1932 [#8312] – SCHAEFER, 1949 [#3285] – ALEXEEV, 1964! [#3847] – GOBBI, 1971 [#1092] – ALFIERI, 1976 [#74] – BILÝ, 2002! [#5877] – NIEHUIS, 2004 [#6762] – VOLKOVITSH, 2004 [#7001]

*Vitis vinifera* L. {3}

XAMBEU, 1893! [#7788] – SCHAEFER, 1949! [#2565] – NOVAK, 1952 [#7830] – HEYROVSKY, 1961 [#3449] – NIEHUIS, 1988! [#1912] – WEIDLICH, 1989 [#6165] – GUTOWSKI & SZWALCO, 1990 [#4215] – HALPERIN & ARGAMAN, 2000! [#5124] – BRECHTEL & KOSTENBADER, 2002! [#5766] – SAKALIAN, 2003 [#5826] – ŠKORPIK et al., 2011! [#9173]

**Synopsis** PERRIS, 1851 [#3721] (*Vitis*) (as *derasofasciatus*) (biology) – GREDLER, 1863 [#4680] (*Vitis*) – MARSEUL, 1866 [#676] (*Vitis*) – CHAFFANJON, 1876 [#8934] (*Vitis*) – BAUDUER, 1878 [#165] (*Vitis*) – GOBERT, 1878 [#5294] (*Vitis*) (biology) – ALTUM, 1881 [#4896] (*Vitis*) (as *derasofasciatus*) – BUDEBERG, 1882 [#8997] (*Vitis*) – KEPPEL, 1882 [#8636] (*Vitis*) – BAUDUER, 1883 [#5143] (*Vitis*) – DELHERM DE LARCENNE, 1885 [#3924] (*Vitis*) – LORIFERNE & POULAIN, 1888 [#8767] (*Vitis*) – FAVRE & BUGNION, 1890 [#5593] (*Vitis*) (as *derasofasciatus*) – MAYET, 1890 [#8962] (*Vitis*) (biology) – LETZNER, 1892 [#4469] (*Quercus*) – XAMBEU, 1893 [#7788] (*Vitis vinifera sylvestris*; *Vitis vinifera*) (biology) – HEYDEN, 1897 [#5286] (*Vitis*) – HEYDEN, 1904 [#5717] (*Vitis*) – CAILLOL, 1913 [#4053] (*Vitis vinifera*) (biology) – PÉNEAU, 1913 [#5270] (*Vitis*) – BABADJANIDES, 1917 [#3389] (*Vitis*; *Rosa*) – BEDEL, 1921 [#170] (*Vitis vinifera*) (as *derasofasciatus*) (biology) – ABOT, 1928 [#8304] (*Vitis*; *Malus*) – STELLWAAG, 1928 [#8165] (*Vitis*) – GALIBERT, 1932 [#8312] (*Vitis*) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Vitis*) – BALACHOWSKY et al., 1935 [#4430] (*Vitis*) (biology) – SAINTE CLAIRE, 1935 [#8551] (*Vitis*) (as *derasofasciatus*) – BAUDYŠ, 1940 [#3986] (*Pistacia terebinthus*)

(biology) – MALKIN, 1941 [#1768] (*Rosa*) – SCHAEFER, 1949 [#2565] (*Vitis vinifera*; *Vitis vinifera* subsp. *sylvestris*) (biology) – SCHAEFER, 1949 [#3285] (*Vitis*) – NOVAK, 1952 [#7830] (*Vitis vinifera*) – MÜHLMANN, 1954 [#8152] (*Vitis labrusca*; *Pistacia terebinthus*) (biology) – HORION, 1955 [#1285] (*Vitis*) (biology) – TER MINASYAN, 1955 [#7893] (*Vitis*) – ALEXEEV, 1959 [#3229] (*Vitis*) – HEYROVSKY, 1961 [#3449] (*Vitis vinifera*) – BALACHOWSKY et al., 1962 [#96] (*Vitis*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Vitis*) (biology) – Pochon, 1963 [#2469] (*Corylus*) (as *hungerbuehleri*) – Samedov, 1963 [#6091] (*Vitis*) (biology) – ALEXEEV, 1964 [#3847] (*Vitis*; *Quercus*) – NOVAK, 1964 [#6567] (*Quercus ilex*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Vitis*) – GOBBI, 1971 [#1092] (*Vitis*) – FRANZ, 1974 [#4334] (*Vitis*) – GURYEVA, 1974 [#5428] (*Vitis*) (biology) – ALFIERI, 1976 [#74] (*Vitis*) – HELLRIGL, 1978 [#3442] (*Vitis vinifera*; *Vitis silvestris*) (biology) – HOEBEKE, 1980 [#8287] (*Cucurbita pepo*) – ALEXEEV, 1981 [#61] (*Vitis*) – GOBBI, 1986 [#1100] (*Vitis*; *Carpinus*; *Pistacia*) (biology) – NIEHUIS, 1988 [#1912] (*Vitis vinifera*) (biology) – WEIDLICH, 1989 [#6165] (*Vitis vinifera*) – GUTOWSKI & SZWALCO, 1990 [#4215] (*Vitis vinifera*) – CURLETTI, 1994 [#658] (*Pistacia*; *Vitis*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Vitis*) – COELLO, 1997 [#4657] (*Vitis viifera*; *V. sylvestris*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Vitis silvestris*) – BÍLÝ, 1999 [#4478] (*Vitis*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Vitis vinifera*) – STUMPF et al., 2001 [#5788] (*Vitis*) – BÍLÝ, 2002 [#5877] (*Vitis silvestris*; *V. vinifera*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Vitis vinifera*) (biology) – SAKALIAN, 2003 [#5826] (*Vitis vinifera*) – YANYTSKY, 2003 [#9052] (*Vitis*) – NIEHUIS, 2004 [#6762] (*Vitis*) (biology) – VOLKOVITSH, 2004 [#7001] (*Vitis*) – VERDUGO PAÉZ, 2005 [#7256] (*Vitis*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Vitis*) – ŠKORPÍK et al., 2011 [#9173] (*Vitis vinifera vinifera*) (biology) – PAIERO et al., 2012 [#9293] (*Vitis*; *Pistacia*)

**Remarks** This species develops in *Vitis* (Vitaceae), records from other plant families are misidentifications. The single larval record from *Pistacia* is likely misidentification of *A. graminis* or *A. marozzinii*.

## *Agrilus derrisi* Théry, 1930

### *Leguminosae*

*Derris robusta* (DC.) Benth. {3}

GARDNER, 1929! [#3263] – THÉRY, 1930! [#2767] – BEESON, 1941! [#178]

**Synopsis** GARDNER, 1929 [#3263] (*Derris robusta*) (biology) – THÉRY, 1930 [#2767] (*Derris robusta*) – BEESON, 1941 [#178] (*Derris robusta*) (biology)

***Agrilus desertus* (Klug, 1829)*****Leguminosae****Acacia* {3}

DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] – HALPERIN & ARGAMAN, 2000! [#5124]

*Acacia ehrenbergiana* Hayne {3}

MATEU, 1972! [#4794] (as *Acacia flava* (Forssk.) Schweinf.) – BÍLÝ, 1983 [#299] (as *Acacia flava* (Forssk.) Schweinf.)

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

DESCARPENTRIES & MATEU, 1965 [#737] (as *Acacia raddiana* (Savi) Brenan) – MATEU, 1972! [#4794] (as *Acacia raddiana* (Savi) Brenan)

**Synopsis** DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] (*Acacia*) – DESCARPENTRIES & MATEU, 1965 [#737] (*Acacia raddiana*) – MATEU, 1972 [#4794] (*Acacia flava*; *A. raddiana*) (biology) – BÍLÝ, 1983 [#299] (*Acacia flava*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Acacia*)

***Agrilus detractus* Waterhouse, 1889*****Leguminosae****Acacia* {1}

WESTCOTT et al., 1990 [#3086]

*Acacia cochliacantha* Willd. {1}

MACRAE & BELLAMY, 2013 [#9711]

*Acacia farnesiana* (L.) Willd. {1}

HESPENHEIDE et al., 2011 [#9050]

*Lonchocarpus* {1}

MACRAE & BELLAMY, 2013 [#9711]

*Prosopis laevigata* (Willd.) M. C. Johnst. {1}

MACRAE & BELLAMY, 2013 [#9711]

**Synopsis** WESTCOTT et al., 1990 [#3086] (*Acacia*) – HESPENHEIDE et al., 2011 [#9050] (*Acacia farnesiana*) – MACRAE & BELLAMY, 2013 [#9711] (*Acacia cochliacantha*; *Lonchocarpus*; *Prosopis laevigata*)

***Agrilus dhotmanae* Curletti, 1999*****Leguminosae****Acacia* {1}

CURLETTI, 1999 [#4805]

## ***Agrilus dianthus* Kerremans, 1892**

### ***Leguminosae***

*Pterocarpus macrocarpus* Kurz {1}

BAUDON, 1968 [#162]

### ***Malvaceae***

*Abelmoschus* {1}

JENDEK & GREBENNIKOV, 2011 [#8765]

*Corchorus olerarius* L. {1}

JENDEK & GREBENNIKOV, 2011 [#8765]

*Hibiscus* {1}

JENDEK & GREBENNIKOV, 2011 [#8765]

*Urena* {1}

JENDEK & GREBENNIKOV, 2011 [#8765]

**Synopsis** BAUDON, 1968 [#162] (*Pterocarpus macrocarpus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Abelmoschus*; *Corchorus olerarius*; *Hibiscus*; *Urena*)

**Remarks** *Agrilus dianthus* is conspecific or a subspecies of *A. acutus* biology of which is well known. *Agrilus dianthus* likely shares with *A. acutus* the same larval hosts.

## ***Agrilus difficilis* Gory, 1841**

**Synonyms** *occidentalis* Uhler

### ***Leguminosae***

*Gleditsia triacanthos* L. {3}

FISHER, 1928! [#980] – HESPENHEIDE, 1973! [#1220] – HESPENHEIDE, 1976! [#1224] – AKERS et al., 1986! [#25] – MACRAE, 1991! [#1760] – WESTCOTT, 1991! [#3085]

### ***Rutaceae***

*Xanthoxylum clavaherculis* L. {3}

FISHER, 1928! [#980]

***Salicaceae****Salix* {0}

UHLER, 1855 [#2938] (as *occidentalis*)

**Synopsis** UHLER, 1855 [#2938] (*Salix*) (as *occidentalis*) – CHITTENDEN, 1900 [#5334] (*Salix*) – FROST & WEISS, 1920 [#8210] (*Salix*) – CHAMBERLIN, 1926 [#468] (*Salix*; *Gleditsia triacanthos*) – FISHER, 1928 [#980] (*Xanthoxylum clavaherculis*; *Gleditsia triacanthos*) – DOANE et al., 1936 [#7341] (*Xanthoxylum*; *Gleditsia*) – MÜHLMANN, 1954 [#8152] (*Gleditsia triacanthos*) – HESPENHEIDE, 1973 [#1220] (*Gleditsia triacanthos*) – HESPENHEIDE, 1976 [#1224] (*Gleditsia triacanthos*) – WELLSO et al., 1976 [#3079] (*Gleditsia triacanthos*) – AKERS et al., 1986 [#25] (*Gleditsia triacanthos*) (biology) – BRIGHT, 1987 [#379] (*Gleditsia*; *Xanthoxylum*; *Salix*) – MACRAE, 1991 [#1760] (*Gleditsia triacanthos*) – WESTCOTT, 1991 [#3085] (*Gleditsia triacanthos*) – SOLOMON, 1995 [#7647] (*Gleditsia*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Gleditsia triacanthos*; *Xanthoxylum clavaherculis*) – CRANSHAW, 2004 [#9681] (*Gleditsia*) (biology) – NELSON et al., 2008 [#8377] (*Gleditsia*) – PAIERO et al., 2012 [#9293] (*Gleditsia*)

**Remarks** The old adult record for *Salix* is likely false.

***Agrilus diospyroides* Knoll, 1942*****Ebenaceae****Diospyros virginiana* L. {3}

KNOLL, 1942 [#1542] – HESPENHEIDE, 1973! [#1220] – NELSON & WESTCOTT, 1976 [#1861] – NELSON et al., 1981 [#1903] – MACRAE, 1991 [#1760] – WELLSO & JACKMAN, 2006! [#7548]

**Synopsis** KNOLL, 1942 [#1542] (*Diospyros virginiana*) – HESPENHEIDE, 1973 [#1220] (*Diospyros virginiana*) – NELSON & WESTCOTT, 1976 [#1861] (*Diospyros virginiana*) – NELSON et al., 1981 [#1903] (*Diospyros virginiana*) – MACRAE, 1991 [#1760] (*Diospyros virginiana*) – MACRAE, 2003 [#5976] (*Diospyros*) – WELLSO & JACKMAN, 2006 [#7548] (*Diospyros virginiana*) – NELSON et al., 2008 [#8377] (*Diospyros*) – PAIERO et al., 2012 [#9293] (*Diospyros*)

***Agrilus discalis* Saunders, 1873*****Cannabaceae****Celtis sinensis* Pers. {1}

KUROSAWA, 1963 [#1618] (as *Celtis sinensis* var. *japonica* (Planch.) Nakai)

## ***Ulmaceae***

*Zelkova serrata* (Thunb.) Makino {1}

KUROSAWA, 1963 [#1618]

**Synopsis** KUROSAWA, 1963 [#1618] (*Zelkova serrata*; *Celtis sinensis*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Zelkova serrata*; *Celtis sinensis* var. *japonica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Zelkova serrata*; *Celtis sinensis* variety *japonica*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Zelkova serrata*; *Celtis sinensis* var. *japonica*)

## ***Agrilus discicollis* Deyrolle, 1864**

**Synonyms** *simiolus* Kerremans

## ***Solanaceae***

*Nicotiana* {0}

KERREMANS, 1896 [#1422] (as *simiolus*)

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”) (as *simiolus*)

**Remarks** Accidental occurrence.

## ***Agrilus discoloriformis* Obenberger, 1920**

## ***Leguminosae***

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {1}

DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] (as *Acacia raddiana* (Savi) Brenan)

## ***Agrilus disorientatus* Curletti, Ribeiro & Migliore, 2013**

## ***Leguminosae***

*Plathymenia foliolosa* Benth. {3}

CURLETTI et al., 2013! [#9734]



***Agrilus divaricatus* Waterhouse, 1889*****Leguminosae****Mimosa* {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus diversicolor* (Wallengren, 1881)****Synonyms** *schoutedeni* Obenberger***Leguminosae****Acacia karroo* Hayne {1}BELLAMY et al., 1988 [#248] (as *schoutedeni*)**Synopsis** BELLAMY et al., 1988 [#248] (*Acacia karroo*) (as *schoutedeni*) – BELLAMY, 2001 [#5501] (*Acacia karroo*)***Agrilus diversornatus* Jendek, 2011*****Rosaceae****Sorbaria* {1}

JENDEK, 2011 [#9304]

**Synopsis** JENDEK, 2011 [#9304] (*Sorbaria*) – JENDEK, 2013 [#9278] (*Sorbaria*)***Agrilus dollii* Schaeffer, 1904*****Ebenaceae****Diospyros texana* Scheele {3}

MACRAE &amp; NELSON, 2003! [#5977]

## ***Leguminosae***

*Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes {1}

FROST & WEISS, 1921 [#9670] (as *Acacia flexicaulis* Benth.)

**Synopsis** FROST & WEISS, 1921 [#9670] (*Acacia flexicaulis*) – FISHER, 1928 [#980] (*Acacia flexicaule*) – MACRAE & NELSON, 2003 [#5977] (*Diospyros texana*) – NELSON et al., 2008 [#8377] (*Diospyros*)

## ***Agrilus dollmanni tsetsei* Curletti & Dutto, 1999**

### ***Leguminosae***

*Acacia* {3}

CURLETTI & DUTTO, 1999! [#9059]

## ***Agrilus dozieri* Fisher, 1918**

### ***Betulaceae***

*Ostrya* {1}

FISHER, 1918 [#962] – DOZIER, 1920 [#7333]

### ***Fagaceae***

*Quercus nigra* L. {1}

CAPELOUTO, 1949 [#417]

**Synopsis** FISHER, 1918 [#962] (*Ostrya*) – DOZIER, 1920 [#7333] (*Ostrya*) – FROST & WEISS, 1920 [#8210] (*Ostrya*) – CHAMBERLIN, 1926 [#468] (*Ostrya virginiana*) – FISHER, 1928 [#980] (*Ostrya virginiana*) – CAPELOUTO, 1949 [#417] (*Quercus niger*) – NELSON et al., 2008 [#8377] (*Ostrya*)

## ***Agrilus drumonti* Curletti & Vayssières, 2007**

### ***Leguminosae***

*Isoberlinia tomentosa* (Harms) Craib & Stapf {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus duncani* Knull, 1929*****Compositae****Baccharis* {1}

KNULL, 1970 [#1573]

*Chrysothamnus nauseosus* (Pall. ex Pursh) Britton {1}

NELSON, 1965 [#1873] – NELSON, 1980 [#1887]

***Leguminosae****Acacia constricta* A. Gray {1}

MACRAE &amp; BASHAM, 2013 [#9563]

**Synopsis** NELSON, 1965 [#1873] (*Chrysothamnus nauseosus*) – KNULL, 1970 [#1573] (*Baccharis*) – NELSON, 1980 [#1887] (*Chrysothamnus nauseosus*) – NELSON et al., 2008 [#8377] (*Baccharis*; *Chrysothamnus*) – MACRAE & BASHAM, 2013 [#9563] (*Acacia constricta*)

***Agrilus ecarinatus* Marseul, 1866*****Compositae****Artemisia* {1}

ALEXEEV, 1975 [#52]

*Artemisia gmelinii* Weber ex Stechm. {1}ALEXEEV & VOLKOVITSH, 1989 [#3241] (as *Artemisia santolinifolia* Turcz. ex Besser)*Artemisia rutifolia* Stephan ex Spreng. {1}

ALEXEEV &amp; VOLKOVITSH, 1989 [#3241]

***Nitrariaceae****Nitraria* {1}

ALEXEEV &amp; VOLKOVITSH, 1989 [#3241]

**Synopsis** ALEXEEV, 1975 [#52] (*Artemisia*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Nitraria*; *Artemisia rutifolia*; *A. santolinifolia*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Artemisia*; *Nitraria*)

## ***Agrilus echidna* Curletti, 2001**

### ***Casuarinaceae***

*Allocasuarina campestris* (Diels) L. A. S. Johnson {3}

CURLETTI, 2001! [#5025]

*Allocasuarina huegeliana* (Miq.) L. A. S. Johnson {1}

CURLETTI, 2001 [#5025] (as *Casuarina huegeliana* Miq.)

### ***Leguminosae***

*Acacia acuminata* Benth. {1}

CURLETTI, 2001 [#5025]

### ***Myrtaceae***

*Leptospermum* {3}

CURLETTI, 2001! [#5025]

**Synopsis** CURLETTI, 2001 [#5025] (*Allocasuarina campestris*, *Leptospermum*; probably also on *Casuarina huegeliana*; *Acacia acuminata*) – BELLAMY, 2002 [#5764] (*Casuarina huegeliana*; *Allocasuarina campestris*; *Acacia acuminata*; *Leptospermum*) – BELLAMY et al., 2013 [#9486] (*Allocasuarina campestris*; *Leptospermum*; *Allocasuarina huegeliana*; *Acacia acuminata*)

## ***Agrilus egeniformis* Champlain & Knull, 1923**

### ***Cannabaceae***

*Celtis occidentalis* L. {1}

MACRAE, 1991 [#1760]

### ***Leguminosae***

*Gleditsia triacanthos* L. {3}

FISHER, 1928 [#980] – HESPENHEIDE, 1969! [#1234] – HESPENHEIDE, 1976! [#1224]

– MACRAE, 1991! [#1760]

*Robinia pseudoacacia* L. {1}

MACRAE, 2006 [#7542]

***Sapindaceae****Sapindus drummondii* Hook. & Arn. {3}

NELSON &amp; WESTCOTT, 1976 [#1861] – MANLEY, 1977! [#1772] – NELSON et al., 1981 [#1903]

**Synopsis** FISHER, 1928 [#980] (*Gleditsia triacanthos*) – HESPENHEIDE, 1969 [#1234] (*Gleditsia triacanthos*) – HESPENHEIDE, 1976 [#1224] (*Gleditsia triacanthos*) – NELSON & WESTCOTT, 1976 [#1861] (*Sapindus drummondii*) – WELLSO et al., 1976 [#3079] (*Gleditsia triacanthos*) – MANLEY, 1977 [#1772] (*Sapindus drummondii*) – NELSON et al., 1981 [#1903] (*Sapindus drummondii*) – BRIGHT, 1987 [#379] (*Gleditsia*) – MACRAE, 1991 [#1760] (*Gleditsia triacanthos*) – DOWNIE & ARNETT, 1996 [#6170] (*Gleditsia triacanthos*) – MACRAE, 2006 [#7542] (*Robinia pseudoacacia*) – NELSON et al., 2008 [#8377] (*Gleditsia*; *Sapindus*; *Celtis*; *Robinia*) – PAIERO et al., 2012 [#9293] (*Gleditsia*; *Sapindus*)

***Agrilus egenus* Gory, 1841*****Fagaceae****Quercus* {0}

NICOLAY, 1919 [#1908]

***Juglandaceae****Carya* {1}MUTCHLER & WEISS, 1922! [#1858] (as *Hicoria*)*Carya alba* (L.) Nutt. ex Elliott {1}CHITTENDEN, 1900! [#5334] (as *Hicoria alba* Britton)***Leguminosae****Robinia neomexicana* A. Gray {3}

CHITTENDEN, 1900! [#5334] – FISHER, 1928 [#980]

*Robinia pseudoacacia* L. {3}

GLOVER, 1869 [#5368] – CHITTENDEN, 1889! [#5261] – SCHWARZ, 1891! [#7602] – CHITTENDEN, 1900! [#5334] – ULKE, 1903 [#2939] – KNULL, 1920! [#1508] – FISHER, 1928 [#980] – WELLSO et al., 1976! [#3079] – NELSON & MACRAE, 1990 [#1864] – MACRAE, 1991! [#1760] – NELSON et al., 1996 [#3975]

## ***Salicaceae***

### *Salix* {0}

MUTCHLER & WEISS, 1922 [#1858]

## ***Vitaceae***

### *Parthenocissus quinquefolia* (L.) Planch. {1}

FROST & WEISS, 1920! [#9782]

**Synopsis** GLOVER, 1869 [#5368] (*Robinia pseudoacacia*) – CHITTENDEN, 1889 [#5261] (*Robinia pseudoacacia*) (biology) – SCHWARZ, 1891 [#7602] (*Robinia pseudoacacia*) – HOPKINS, 1893 [#5577] (*Robinia pseudoacacia*) – CHITTENDEN, 1900 [#5334] (*Robinia pseudoacacia*; *Robinia neomexicana*; *Hicoria alba*) – ULKE, 1903 [#2939] (*Robinia pseudoacacia*) – NICOLAY, 1919 [#1908] (*Quercus*) – FROST & WEISS, 1920 [#9782] (*Hicoria*; *Robinia*; *Salix*; *Parthenocissus*) – KNULL, 1920 [#1508] (*Robinia pseudoacacia*) – ROSEWALL, 1920 [#7471] (*Robinia pseudoacacia*) – MUTCHLER & WEISS, 1922 [#1858] (*Parthenocissus quinquefolia*; *Hicoria*; *Salix*) – CHAMBERLIN, 1926 [#468] (*Hickoria alba*; *Robinia pseudacacia*; *R. neomexicana*) – FISHER, 1928 [#980] (*Robinia pseudoacacia*; *Robinia neomexicana*) – FISHER & NICOLAY, 1928 [#9786] (*Hicoria*; *Robinia*; *Parthenocissus*) – DOANE et al., 1936 [#7341] (*Robinia*) – WELLSO et al., 1976 [#3079] (*Robinia pseudoacacia*) – BRIGHT, 1987 [#379] (*Robinia*) – NELSON & MACRAE, 1990 [#1864] (*Robinia pseudoacacia*) – MACRAE, 1991 [#1760] (*Robinia pseudoacacia*) – DOWNIE & ARNETT, 1996 [#6170] (*Robinia*) – NELSON et al., 1996 [#3975] (*Robinia pseudoacacia*) – NELSON et al., 2008 [#8377] (*Robinia*) – PAIERO et al., 2012 [#9293] (*Robinia*)

## ***Agrilus eleanorae* Fisher, 1928**

## ***Leguminosae***

### *Acacia* {1}

NELSON & MACRAE, 1990 [#1864] – WESTCOTT et al., 1990 [#3086]

### *Acacia berlandieri* Benth. {1}

VOGT, 1949 [#2971]

### *Acacia rigidula* Benth. {1}

VOGT, 1949 [#2971]

### *Pithecellobium* {1}

FISHER, 1928 [#980]

**Synopsis** FISHER, 1928 [#980] (*Pithecolobium*) – VOGT, 1949 [#2971] (*Acacia rigidula*; *Acacia berlandieri*) – NELSON & MACRAE, 1990 [#1864] (*Acacia*) – WESTCOTT et al., 1990 [#3086] (*Acacia*) – NELSON et al., 2008 [#8377] (*Acacia*; *Ebenopsis*)

## ***Agrilus elegans elegans* Mulsant & Rey, 1863**

**Synonyms** *cisti* Brisout

### ***Cistaceae***

#### *Cistus* {3}

MARSEUL, 1866 [#676] (as *cisti*) – BAUDUER, 1878 [#165] (as *cisti*) – MAYET, 1904 [#6062] (as *cisti*) – BÉTIS, 1908 [#8013] (as *cisti*)

#### *Cistus albidus* L. {3}

SCHAEFER, 1933 [#7497] (as *cisti*) – SCHAEFER, 1940! [#3572] (as *cisti*) – SCHAEFER, 1949! [#2565] – VERDUGO PAÉZ, 1997 [#5255]

#### *Cistus crispus* L. {2}

SCHAEFER, 1961 [#3757]

#### *Cistus incanus* L. {2}

GOBBI, 1986 [#1100]

#### *Cistus monspeliensis* L. {2}

CAILLOL, 1913 [#4053]

#### *Cistus salviifolius* L. {2}

CAILLOL, 1913 [#4053] – GOBBI, 1986 [#1100]

#### *Halimium* {1}

GOBBI, 1986 [#1100]

#### *Helianthemum* {3}

SCHAEFER, 1951 [#3283]

#### *Helianthemum halimifolium* Pers. {2}

SCHAEFER, 1964 [#2575]

#### *Helianthemum italicum* Pers. {3}

SCHAEFER, 1949! [#2565]

#### *Helianthemum ledifolium* (L.) Mill. {2}

CAILLOL, 1913 [#4053] (as *Helianthemum niloticum* (L.) Moench)

#### *Helianthemum rosmarinifolium* Pursh {2}

CAILLOL, 1913 [#4053] (as *Helianthemum polifolium* (Spach) Torr. & A. Gray)

#### *Helianthemum vulgare* Garsault {3}

SCHAEFER, 1940! [#3572] (as *cisti*) – SCHAEFER, 1949! [#2565]

**Compositae***Anthemis* {1}

GOBBI, 1970 [#1091] – GOBBI, 1986 [#1100]

**Ericaceae***Erica arborea* L. {3}

SCHAEFER, 1940! [#3572] (as *cisti*) – SCHAEFER, 1941 [#3577] (as *cisti*) – SCHAEFER, 1949! [#2565] – SCHAEFER, 1955 [#2572] – SCHAEFER, 1959 [#3284] – SCHAEFER, 1963 [#3591]

*Erica scoparia* L. {3}

SCHAEFER, 1941 [#3577] (as *cisti*) – SCHAEFER, 1949! [#2565]

**Synopsis** MARSEUL, 1866 [#676] (*Cistus*) (as *cisti*) – BAUDUER, 1878 [#165] (*Cistus*) (as *cisti*) – BAUDUER, 1883 [#5143] (*Cistus*) (as *cisti*) – MAYET, 1904 [#6062] (*Cistus*) (as *cisti*) – BÉTIS, 1908 [#8013] (*Cistus*) (as *cisti*) – CAILLOL, 1913 [#4053] (*Cistus salviaefolius*; *C. monspeliensis*; *Helianthemum niloticum*; *H. polifolium*) – SCHAEFER, 1933 [#7497] (*Cistus albidus*) (as *cisti*) – SAINTE CLAIRE, 1935 [#8551] (*Cistus*) – SCHAEFER, 1940 [#3572] (*Cistus albidus*; *Helianthemum vulgare*; *Erica arborea*) (as *cisti*) (biology) – SCHAEFER, 1941 [#3577] (*Erica arborea*; *E. scoparia*) (as *cisti*) – SCHAEFER, 1949 [#2565] (*Cistus albidus*; *Helianthemum vulgare*; *H. italicum*; *Erica arborea*; *E. scoparia*) (biology) – SCHAEFER, 1955 [#2572] (*Erica arborea*) – SCHAEFER, 1959 [#3284] (*Erica arborea*) – SCHAEFER, 1961 [#3757] (*Cistus crispus*) – SCHAEFER, 1963 [#3591] (*Erica arborea*) – SCHAEFER, 1964 [#2575] (*Helianthemum halimifolium*) – GOBBI, 1970 [#1091] (*Anthemis*) – SCHAEFER, 1972 [#2579] (*Erica arborea*; *E. scoparia*) – GOBBI, 1986 [#1100] (*Cistus*; *Helianthemum*; *Erica*) – CURLETTI, 1994 [#658] (*Cistus*; *Erica*; *Helianthemum*; *Teucrium*) – VERDUGO PAÉZ, 1997 [#5255] (*Cistus albidus*) – VERDUGO PAÉZ, 2002 [#5794] (*Cistus*; *Helianthemum*; *Halimium*) – VERDUGO PAÉZ, 2005 [#7256] (*Cistus*; *Halimium*; *Helianthemum*)

**Agrilus elegans teucrii Schaefer, 1949****Lamiaceae***Teucrium* {3}

SCHAEFER, 1984 [#2580]

*Teucrium polium* L. {3}

SCHAEFER, 1949! [#2565] – GOBBI, 1986! [#1100]



**Synopsis** SCHAEFER, 1949 [#2565] (*Teucrium polium*) – SCHAEFER, 1972 [#2579] (*Teucrium polium*) – SCHAEFER, 1984 [#2580] (*Teucrium*) – GOBBI, 1986 [#1100] (*Teucrium polium*)

## ***Agrilus elongatulus* Gory & Laporte, 1839**

### ***Leguminosae***

*Acacia mellifera* (M. Vahl) Benth. {1}  
CURRETTI & CRISTANO, 2013 [#9706]

## ***Agrilus enriquei* Murria Beltrán & Murria Beltrán, 2007**

### ***Rosaceae***

*Prunus spinosa* L. {1}  
MURRIA BELTRÁN & MURRIA BELTRÁN, 2007 [#7978]

## ***Agrilus esakii* Kurosawa, 1964**

### ***Ebenaceae***

*Diospyros morrisiana* Hance {1}  
OHMOMO & FUKUTOMI, 2013 [#9491]

### ***Fagaceae***

*Castanopsis sieboldii* var. *lutchuensis* (Koidz.) T. Yamaz. & Mas {1}  
AKIYAMA & OHMOMO, 1997 [#4091] (as *Castanopsis lutchuensis* (Koidz.) Nakai)

### ***Lauraceae***

*Machilus thunbergii* Siebold & Zucc. {1}  
JENDEK & GREBENNIKOV, 2011 [#8765]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Castanopsis lutchuensis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Castanopsis luchuensis*; *Machilus thunbergii*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Castanopsis luchuensis*; *Diospyros morrisiana*)

## ***Agrilus euonymi* Tôyama, 1985**

**Synonyms** *yagii* Tôyama

### ***Celastraceae***

*Euonymus japonicus* Thunb. {1}  
AKIYAMA & OHMOMO, 1997 [#4091]

### ***Fagaceae***

*Quercus mongolica* ssp. *crispula* (Blume) Menitsky {1}  
TÔYAMA, 1985 [#2924] (as *yagii*) (as *Quercus mongolica* var. *grosseserrata* (Blume) Rehder & E. H.)

### ***Rosaceae***

*Prunus yedoensis* Matsum. {1}  
AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** TÔYAMA, 1985 [#2924] (*Quercus mongolica* var. *grosseserrata*) (as *yagii*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Euonymus japonicus*; *Prunus yedoensis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Euonymus japonicus*; *Prunus yedoensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Euonymus japonicus*; *Prunus yedoensis*)

## ***Agrilus exiguellus* Fisher, 1928**

### ***Fagaceae***

*Quercus* {1}  
MANLEY, 1977 [#1772]

**Synopsis** MANLEY, 1977 [#1772] (*Quercus*) – NELSON et al., 2008 [#8377] (*Quercus*)

### ***Agrilus exsapindi* Vogt, 1949**

#### ***Sapindaceae***

*Sapindus drummondii* Hook. & Arn. {3}  
 VOGT, 1949! [#2971] – VOGT, 1949! [#2970]

**Synopsis** VOGT, 1949 [#2970] (*Sapindus drummondii*) – VOGT, 1949 [#2971] (*Sapindus drummondii*) – NELSON et al., 2008 [#8377] (*Sapindus*)

### ***Agrilus extraneus* Fisher, 1933**

#### ***Papaveraceae***

*Argemone glauca* (Nutt. ex Prain) Pope {1}  
 FISHER, 1933 [#992]

### ***Agrilus fallax* Say, 1833**

#### ***Cannabaceae***

*Celtis laevigata* Willd. {3}  
 HESPENHEIDE, 1973! [#1220] – HESPENHEIDE, 1976! [#1224]

*Celtis occidentalis* L. {3}  
 FISHER, 1928! [#980] – HESPENHEIDE, 1973! [#1220] – HESPENHEIDE, 1976! [#1224] – MACRAE, 1991! [#1760]

*Celtis tenuifolia* Nutt. {3}  
 NELSON & MACRAE, 1990! [#1864]

#### ***Cornaceae***

*Cornus florida* L. {3}  
 MACRAE, 2006! [#7542]

## ***Ebenaceae***

*Diospyros virginiana* L. {1}  
MACRAE, 1991 [#1760]

## ***Fagaceae***

*Quercus* {0}  
STROMBERG, 1894 [#7662]

## ***Juglandaceae***

*Juglans nigra* L. {1}  
NIXON & MCPHERSON, 1977 [#9559] – MACRAE, 2006 [#7542]

## ***Leguminosae***

*Gleditsia triacanthos* L. {3}  
KNOLL, 1920! [#1508] – MUTCHLER & WEISS, 1922 [#1858] – FISHER, 1928!  
[#980] – HESPENHEIDE, 1969! [#1234] – HESPENHEIDE, 1973! [#1220] –  
HESPENHEIDE, 1976! [#1224] – MACRAE, 1991! [#1760]

## ***Malvaceae***

*Tilia* {1}  
MACRAE, 1991 [#1760]

## ***Rosaceae***

*Crataegus viridis* L. {1}  
MACRAE, 2006 [#7542]

## ***Sapindaceae***

*Acer saccharum* Marshall {3}  
MACRAE, 2006! [#7542]

**Synopsis** HOPKINS, 1893 [#5577] (*Celtis*) – STROMBERG, 1894 [#7662] (*Quercus*) – CHITTENDEN, 1900 [#5334] (*Celtis occidentalis*) – FROST & WEISS, 1920 [#9782] (*Gleditsia*; *Quercus*; *Celtis*) – KNULL, 1920 [#1508] (*Gleditsia triacanthos*) – MUTCHLER & WEISS, 1922 [#1858] (*Gleditsia triacanthos*; *Quercus*; *Celtis*) – CHAMBERLIN, 1926 [#468] (*Celtis occidentalis*; *Robinia pseudoacacia*; *Gleditsia triacanthos*) – FISHER, 1928 [#980] (*Gleditsia triacanthos*; *Celtis occidentalis*) – FISHER & NICOLAY, 1928 [#9786] (*Gleditsia*; *Celtis*) – DOANE et al., 1936 [#7341] (*Gleditsia triacanthos*) – MÜHLMANN, 1954 [#8152] (*Celtis*) – HESPENHEIDE, 1969 [#1234] (*Gleditsia triacanthos*) – HESPENHEIDE, 1973 [#1220] (*Gleditsia triacanthos*; *Celtis occidentalis*; *C. laevigata*) – HESPENHEIDE, 1976 [#1224] (*Gleditsia triacanthos*; *Celtis laevigata*; *C. occidentalis*) – WELLSO et al., 1976 [#3079] (*Gleditsia triacanthos*; *Celtis*) – NIXON & McPHERSON, 1977 [#9559] (*Juglans nigra*) – BRIGHT, 1987 [#379] (*Gleditsia*; *Celtis*) – NELSON & MACRAE, 1990 [#1864] (*Celtis tenuifolia*) – MACRAE, 1991 [#1760] (*Gleditsia triacanthos*) – DOWNIE & ARNETT, 1996 [#6170] (*Gleditsia triacanthos*; *Celtis occidentalis*) – MACRAE, 2006 [#7542] (*Cornus florida*; *Crataegus viridis*; *Juglans nigra*; *Acer saccharum*) – NELSON et al., 2008 [#8377] (*Acer*; *Celtis*; *Cornus*; *Gleditsia*; *Crataegus*; *Diospyros*; *Juglans*; *Tilia*) – PAIERO et al., 2012 [#9293] (*Acer*; *Celtis*; *Cornus*; *Gleditsia*)

## *Agrilus felix* Horn, 1891

### *Amaranthaceae*

*Atriplex confertifolia* (Torr. & Frém.) S. Watson {3}

BARR, 1971! [#136]

*Grayia spinosa* (Hook.) Moq. {3}

BARR, 1971! [#136]

### *Leguminosae*

*Cercidium microphyllum* (Torr.) Rose & I. M. Johnst. {3}

CHITTENDEN, 1900! [#5334] (as *Parkinsonia microphylla* Torr.) – FISHER, 1928! [#980] (as *Parkinsonia microphylla* Torr.) – VAN DYKE, 1942! [#2952] (as *Parkinsonia microphylla* Torr.)

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}

HESPENHEIDE et al., 2011 [#9050]

*Prosopis juliflora* (Sw.) DC. {1}

VOGT, 1949 [#2971]

*Prosorhannus emoryi* (A. Gray) Rydb. {1}

NELSON et al., 1981 [#1903] (as *Dalea emoryi* A. Gray)

## ***Malvaceae***

### *Sphaeralcea* {1}

BARR, 1971 [#136] – HESPENHEIDE et al., 2011 [#9050]

### *Sphaeralcea ambigua* A. Gray {1}

BARR, 1969 [#126] – NELSON et al., 1981 [#1903]

### *Sphaeralcea rusbyi* var. *eremicola* (Jeps.) Kearney {1}

NELSON et al., 1981 [#1903]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Parkinsonia microphylla*) – FROST & WEISS, 1920 [#9782] (*Parkinsonia microphylla*) – CHAMBERLIN, 1926 [#468] (*Parkinsonia microphylla*) – FISHER, 1928 [#980] (*Parkinsonia microphylla*) – VAN DYKE, 1942 [#2952] (*Parkinsonia microphylla*) – VOGT, 1949 [#2971] (*Prosopis juliflora*) – BARR, 1969 [#126] (*Sphaeralcea ambigua*) – BARR, 1971 [#136] (*Grayia spinosa*; *Atriplex confertifolia*; *Sphaeralcea*) – NELSON et al., 1981 [#1903] (*Sphaeralcea ambigua*; *S. rusbyi* var. *eremicola*; *Dalea emoryi*) – NELSON et al., 2008 [#8377] (*Atriplex*; *Cercidium*; *Grayia*; *Prosopis*; *Psoralea*; *Sphaeralcea*) – HESPENHEIDE et al., 2011 [#9050] (*Sphaeralcea*; *Prosopis glandulosa* var. *torreyana*)

## ***Agrilus femoralis* Waterhouse, 1889**

## ***Cannabaceae***

### *Celtis* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908] – WESTCOTT et al., 2008 [#8193]

## ***Agrilus ferrisi* Dury, 1908**

## ***Cannabaceae***

### *Celtis occidentalis* L. {3}

DURY, 1908 [#798] – BLATCHLEY, 1910! [#346] – FISHER, 1928! [#980] – NELSON & WESTCOTT, 1976 [#1861] – WELLSO et al., 1976! [#3079] – MACRAE, 1991! [#1760]

## ***Sapindaceae***

### *Acer saccharum* Marshall {3}

MACRAE, 2006! [#7542]

**Synopsis** DURY, 1908 [#798] (*Celtis occidentalis*) – BLATCHLEY, 1910 [#346] (*Celtis occidentalis*) – FROST & WEISS, 1920 [#8210] (*Celtis occidentalis*) – CHAMBERLIN, 1926 [#468] (*Celtis occidentalis*) – FISHER, 1928 [#980] (*Celtis occidentalis*) – NELSON & WESTCOTT, 1976 [#1861] (*Celtis occidentalis*) – WELLSO et al., 1976 [#3079] (*Celtis occidentalis*) – BRIGHT, 1987 [#379] (*Celtis occidentalis*) – MACRAE, 1991 [#1760] (*Celtis occidentalis*) – DOWNIE & ARNETT, 1996 [#6170] (*Celtis occidentalis*) – MACRAE, 2006 [#7542] (*Celtis tenuifolia*; *Acer saccharum*) – NELSON et al., 2008 [#8377] (*Acer*; *Celtis*) – PAIERO et al., 2012 [#9293] (*Acer*; *Celtis*)

## ***Agrilus fidelis* Kerremans, 1896**

### ***Solanaceae***

*Nicotiana* {0}

KERREMANS, 1896 [#1422]

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”)

**Remarks** Accidental occurrence.

## ***Agrilus finellei* Curletti & Vayssières, 2007**

### ***Leguminosae***

*Isoberlinia tomentosa* (Harms) Craib & Stapf {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

## ***Agrilus fisherellus* Obenberger, 1936**

**Synonyms** *costipennis* Fisher; *tarahumarae* Cazier

### ***Cannabaceae***

*Celtis ehrenbergiana* (Klotzsch) Liebm. {1}

NELSON, 1980 [#1887] (as *Celtis pallida* Torr.)

*Celtis laevigata* var. *reticulata* (Torr.) Benson {1}

KNULL, 1944 [#1546] (as *costipennis*) (as *Celtis mississippiensis* var. *reticulata* (Torr.) Sarg.) – NELSON, 1980 [#1887] (as *Celtis mississippiensis* var. *reticulata* (Torr.) Sarg.)

*Celtis laevigata* Willd. {1}

NELSON, 1980 [#1887]

## ***Compositae***

*Baccharis sergiloides* A. Gray {1}

NELSON, 1980 [#1887]

## ***Euphorbiaceae***

*Stillingia* {1}

WELLSO, 1973 [#3078] (as *tarahumarae*)

## ***Fagaceae***

*Quercus hypoleucoides* A. Camus {1}

NELSON, 1980 [#1887]

## ***Leguminosae***

*Acacia greggii* A. Gray {1}

NELSON, 1980 [#1887]

*Prosopis glandulosa* Torr. {1}

NELSON, 1980 [#1887]

**Synopsis** KNULL, 1944 [#1546] (*Celtis mississippiensis* var. *reticulata*) (as *costipennis*) – WELLSO, 1973 [#3078] (*Stillingia*) (as *tarahumarae*) – NELSON, 1980 [#1887] (*Acacia greggii*; *Baccharis sergiloides*; *Prosopis glandulosa* var. *torreyana*; *Quercus hypoleucoides*; *Celtis laevigata*; *C. pallida*; *C. mississippiensis* var. *reticulata*) – NELSON et al., 2008 [#8377] (*Acacia*; *Baccharis*; *Celtis*; *Hymenoclea*; *Prosopis*; *Quercus*; *Stillingia*)

**Remarks** The larval host records is still missing.



***Agrilus fisherianus* Knull, 1930*****Salicaceae****Salix* {3}

NELSON &amp; WESTCOTT, 1976 [#1861] – NELSON et al., 1981! [#1903]

*Salix gooddingii* C. R. Ball {3}

MACRAE &amp; NELSON, 2003 [#5977]

**Synopsis** NELSON & WESTCOTT, 1976 [#1861] (*Salix*) – NELSON et al., 1981 [#1903] (*Salix*) – MACRAE & NELSON, 2003 [#5977] (*Salix gooddingii*) – NELSON et al., 2008 [#8377] (*Salix gooddingii*)

***Agrilus fleischeri* Obenberger, 1925****Synonyms** *kurosawai* Obenberger; *nipponicola* Kurosawa; *tscherepanovi* Stepanov***Fagaceae****Quercus* {0}

ALEXEEV, 1989 [#64]

***Salicaceae****Populus* {3}

ALEXEEV, 1989 [#64]

*Populus laurifolia* Ledeb. {3}STEPANOV, 1954! [#2662] (as *tscherepanovi*)*Populus sieboldii* Miq. {3}AKIYAMA & OHMOMO, 1997 [#4091] (as *nipponicola*)*Salix* {3}

CARLSON &amp; KNIGHT, 1969 [#419] – ALEXEEV, 1989 [#64]

*Salix schwerinii* E. L. Wolf {1}OHMOMO & FUKUTOMI, 2013 [#9491] (as *Salix yezoensis* Kimura)

**Synopsis** STEPANOV, 1954 [#2662] (*Populus laurifolia*) (as *tscherepanovi*) – STEPANOV, 1954 [#2662] (*Populus*) – CARLSON & KNIGHT, 1969 [#419] (*Salix*) (as *tscherepanovi*) – CARLSON & KNIGHT, 1969 [#419] (*Salix*) (as *kurosawai*) – CARLSON

& KNIGHT, 1969 [#419] (*Salix*) – ALEXEEV, 1989 [#64] (*Populus*; *Salix*; *Quercus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Populus sieboldi*) (as *nipponicola*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Populus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Populus sieboldi*; *Salix rjessoensis* [= *?yezoensis*])

**Remarks** *Agrilus fleischeri* is related to *A. ater* developing in *Salix* and *Populus*. The host record for *Quercus* is likely false.

## *Agrilus floridanus* Crotch, 1873

### *Cactaceae*

*Opuntia* {1}

NELSON et al., 1981 [#1903]

### *Ericaceae*

*Vaccinium* {1}

BLATCHLEY, 1919 [#5043]

### *Fagaceae*

*Quercus* {1}

CHITTENDEN, 1900 [#5334]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Quercus*) – BLATCHLEY, 1919 [#5043] (*Vaccinium*) – FROST & WEISS, 1920 [#9782] (*Quercus*) – CHAMBERLIN, 1926 [#468] (*Quercus*) – FISHER, 1928 [#980] (*Quercus*) – NELSON et al., 1981 [#1903] (*Opuntia*) – NELSON et al., 2008 [#8377] (“huckleberry”; *Opuntia*; *Quercus*)

## *Agrilus forschhammeri* Curletti, 1998

### *Leguminosae*

*Acacia robusta* Burch. {1}

CURLETTI, 1998 [#4514]

***Agrilus fortunatus* Lewis, 1893*****Fagaceae****Fagus crenata* Blume {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Fagus crenata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Fagus crenata*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Fagus crenata*)

***Agrilus francottei* Curletti, 1997*****Leguminosae****Albizia zygia* (DC.) J. F. Macbr. {1}

CURLETTI &amp; VAYSSIÈRES, 2007 [#8004]

***Agrilus frenchi* Blackburn, 1891*****Malvaceae****Heritiera actinophylla* (F. M. Bailey) Kosterm. {3}

BELLAMY et al., 2013! [#9486]

***Putranjivaceae****Drypetes deplanchei* (Brongn. & Gris) Merr. {3}

BELLAMY et al., 2013! [#9486]

***Agrilus frequens* Curletti & Dutto, 1999*****Leguminosae****Acacia* {3}

CURLETTI &amp; DUTTO, 1999! [#9059]

## ***Agrilus friebi* Obenberger, 1922**

**Synonyms** *ainu* Miwa & Chûjô

### ***Fagaceae***

*Quercus* {1}

KUROSAWA, 1963 [#1618]

*Quercus acutissima* Carruth. {1}

KO, JE HO, 1969 [#9209]

*Quercus aliena* Blume {1}

KO, JE HO, 1969 [#9209]

*Quercus mongolica* ssp. *crispula* (Blume) Menitsky {1}

OHMOMO & FUKUTOMI, 2013 [#9491] (as *Quercus mongolica* var. *grosseserrata* (Blume) Rehder & E. H.)

*Quercus serrata* Murray {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *ainu*)

### ***Rhamnaceae***

*Rhamnus japonica* Maxim. {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *ainu*)

### ***Vitaceae***

*Vitis* {1}

ALEXEEV, 1989 [#64]

**Synopsis** KUROSAWA, 1963 [#1618] (*Quercus*) – KO, JE HO, 1969 [#9209] (*Quercus acutissima*; *Q. aliena*) – ALEXEEV, 1989 [#64] (*Vitis*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus acutissima*; *Q. serrata*; *Q. crispula*; *Rhamnus japonica*) (as *ainu*) – MÜHLE, 2003 [#6155] (*Quercus*; *Rhamnus japonica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus acutissima*; *Q. mongolica* var. *grosseserrata*; *Q. serrata*; *Rhamnus japonica*)

**Remarks** The species develops most likely in *Quercus* but supporting larval record is missing.

***Agrilus frosti* Knull, 1920*****Fagaceae****Quercus* {3}

FROST &amp; WEISS, 1920 [#8210] – FISHER, 1928! [#980]

*Quercus stellata* Wangenh. {3}

MACRAE, 1991 [#1760]

***Juglandaceae****Carya* {1}

FROST &amp; WEISS, 1920 [#8210]

**Synopsis** FROST & WEISS, 1920 [#8210] (*Quercus*; *Carya*) – CHAMBERLIN, 1926 [#468] (*Quercus*; *Carya*) – FISHER, 1928 [#980] (*Quercus*) – DOANE et al., 1936 [#7341] (*Quercus*) – WELLSO et al., 1976 [#3079] (*Quercus*) – BRIGHT, 1987 [#379] (*Quercus*) – MACRAE, 1991 [#1760] (*Quercus stellata*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*) – MACRAE, 2003 [#5976] (*Quercus*) – NELSON et al., 2008 [#8377] (*Quercus*) – PAIERO et al., 2012 [#9293] (*Quercus*)

***Agrilus fulgens* LeConte, 1860*****Betulaceae****Corylus americana* Walter {3}

BLANCHARD, 1889 [#345] – HESPENHEIDE, 1979 [#3447] – NELSON &amp; HESPENHEIDE, 1998! [#4548]

***Salicaceae****Salix* {0}

HARRINGTON, 1885 [#5468]

**Synopsis** HARRINGTON, 1885 [#5468] (*Salix*) – BLANCHARD, 1889 [#345] (*Corylus americana*) – CHAMBERLIN, 1926 [#468] (*Corylus americana*) – FISHER, 1928 [#980] (*Corylus americana*) – HESPENHEIDE, 1979 [#3447] (*Corylus americana*) – DOWNIE & ARNETT, 1996 [#6170] (*Corylus americana*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Corylus americana*) – NELSON et al., 2008 [#8377] (*Corylus*) – PAIERO et al., 2012 [#9293] (*Corylus americana*)

***Agrilus fulvopictus* Kerremans, 1896**

***Solanaceae***

*Nicotiana* {0}

KERREMANS, 1896 [#1422]

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”)

**Remarks** Accidental occurrence.

***Agrilus fulvovittatus* Fisher, 1921**

**Synonyms** *fisheri* Obenberger

***Leguminosae***

*Acacia mangium* Willd. {3}

BRAZA, 1997! [#5980] (as *fisheri*)

***Agrilus funebris* Deyrolle, 1864**

***Fagaceae***

*Castanopsis acuminatissima* (Blume) A. DC. {1}

CURLETTI, 2006 [#7966]

*Lithocarpus* {1}

CURLETTI, 2006 [#7966]

***Leguminosae***

*Acacia melanoxylon* R. Br. {1}

BELLAMY et al., 2013 [#9486]

**Synopsis** CURLETTI, 2006 [#7966] (*Castanopsis acuminatissima*; *Lithocarpus*) – BELLAMY et al., 2013 [#9486] (*Acacia melanoxylon*; *Castanopsis acuminatissima*; *Lithocarpus*)

***Agrilus funestus* Gory, 1841*****Leguminosae****Acacia* {1}

WESTCOTT et al., 1990 [#3086]

*Mimosa* {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus furcillatus* Chevrolat, 1834*****Pinaceae****Pinus* {1}

MAES et al., 1993 [#1764]

***Poaceae****Zea* {1}

MAES et al., 1993 [#1764]

***Rubiaceae****Coffea* {1}

MAES et al., 1993 [#1764]

***Agrilus fuscipennis* Gory, 1841*****Ebenaceae****Diospyros* {1}

LENG, 1911 [#5998]

*Diospyros virginiana* L. {1}

KNULL, 1944 [#1546] – NELSON &amp; WESTCOTT, 1976 [#1861]

**Ericaceae***Oxydendrum arboreum* (L.) DC. {1}

CHAMBERLIN, 1926 [#468]

**Synopsis** LENG, 1911 [#5998] (*Diospyros*) – CHAMBERLIN, 1926 [#468] (*Oxydendrum arboreum*) – FISHER, 1928 [#980] (*Diospyros virginiana*; *Oxydendrum arboreum*) – DOANE et al., 1936 [#7341] (*Acer*) – KNULL, 1944 [#1546] (*Diospyros virginiana*) – NELSON & WESTCOTT, 1976 [#1861] (*Diospyros virginiana*) – SOLOMON, 1995 [#7647] (*Diospyros*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Diospyros virginiana*) – NELSON et al., 2008 [#8377] (*Diospyros*; *Oxydendrum*) – PAIERO et al., 2012 [#9293] (*Diospyros*)

**Agrilus ganglbaueri Semenov, 1891****Salicaceae***Populus* {3}

PRIPISNOVA, 1965! [#8633] – AIBASOV, 1974 [#7212] – VOLKOVITSH &amp; ALEXEEV, 1994! [#2974]

*Populus euphratica* Olivier {3}

SINADSKIJ, 1963! [#5038] (as *Populus diversifolia* Schrenk) – YAGDYEV, 1974 [#8644] (as *Populus diversifolia* Schrenk) – YAGDYEV, 1975! [#7775] (as *Populus diversifolia* Schrenk) – KADYROV, 1976! [#3461] (as *Populus diversifolia* Schrenk) – YAGDYEV, 1984! [#6196] (as *Populus diversifolia* Schrenk) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (as *Populus diversifolia* Schrenk) – TLEPPAEVA & ISHKOV, 2004! [#7211] (as *Populus diversifolia* Schrenk) – TLEPPAEVA, 2013! [#9532] (as *Populus diversifolia* Schrenk)

*Populus pruinosa* Schrenk {3}

SINADSKIJ, 1957 [#7355] – ALEXEEV, 1975! [#52]

**Synopsis** SINADSKIJ, 1957 [#7355] (*Populus pruinosa*; *P. ariana*) (biology) – VORONCOV & SINADSKIJ, 1957 [#8645] (*Populus*) – SINADSKIJ, 1963 [#5038] (*Populus diversifolia*) (biology) – PRIPISNOVA, 1965 [#8633] (*Populus*) (biology) – KOSTIN, 1973 [#3693] (*Populus*) – AIBASOV, 1974 [#7212] (*Populus*) (biology) – YAGDYEV, 1974 [#8644] (*Populus diversifolia*) – ALEXEEV, 1975 [#52] (*Populus pruinosa*; *P. ariana*) – YAGDYEV, 1975 [#7775] (*Populus diversifolia*) (biology) – KADYROV, 1976 [#3461] (*Populus diversifolia*) – YAGDYEV, 1984 [#6196] (*Populus diversifolia*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Populus diversifolia*) – VOLKOVITSH & ALEXEEV, 1992 [#2973] (*Populus*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Populus*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Populus diversifolia*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Populus*) – TLEPPAEVA, 2013 [#9532] (*Populus diversifolia*)



***Agrilus gazzella* Curletti & Dutto, 1999*****Leguminosae****Acacia* {3}

CURLETTI &amp; DUTTO, 1999! [#9059]

***Agrilus geminatus* (Say, 1823)*****Fagaceae****Quercus alba* L. {2}

MACRAE, 1991 [#1760]

*Quercus coccinea* Münchh. {2}

MACRAE, 1991 [#1760]

*Quercus marilandica* (L.) Münchh. {3}

HESPENHEIDE, 1973! [#1220]

*Quercus phellos* L. {3}

MACRAE &amp; NELSON, 2003! [#5977]

*Quercus velutina* Lam {3}

KNULL, 1930! [#1518] – HESPENHEIDE, 1973! [#1220] – MACRAE, 1991 [#1760]

***Juglandaceae****Carya alba* (L.) Nutt. ex Elliott {1}

MACRAE, 2006 [#7542]

*Juglans nigra* L. {1}

MACRAE, 1991 [#1760]

***Leguminosae****Gymnocladus dioica* (L.) K. Koch {1}

MACRAE, 1991 [#1760]

**Synopsis** KNULL, 1930 [#1518] (*Quercus velutina*) – HESPENHEIDE, 1973 [#1220] (*Quercus marilandica*; *Q. velutina*) – WELLSO et al., 1976 [#3079] (*Quercus*) – BRIGHT, 1987 [#379] (*Quercus*) – MACRAE, 1991 [#1760] (*Quercus*; *Carya tomentosa*; *Gymnocladus dioica*; *Juglans nigra*) – MACRAE & NELSON, 2003 [#5977] (*Quercus phellos*) – MACRAE, 2006 [#7542] (*Carya alba*) – NELSON et al.,

2008 [#8377] (*Quercus*; *Carya*; *Gymnocladus*; *Juglans*; *Quercus*) – PAIERO et al.,  
2012 [#9293] (*Quercus*)

## ***Agrilus geronimoi* Knull, 1950**

### ***Fagaceae***

*Quercus* {1}

NELSON, 1987 [#1894]

## ***Agrilus gestroi* Kerremans, 1906**

### ***Leguminosae***

*Albizia* {1}

CURLETTI, 2002 [#5768]

*Albizia zygia* (DC.) J. F. Macbr. {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

## ***Agrilus gianassoi* Magnani & Niehuis, 1994**

### ***Anacardiaceae***

*Pistacia terebinthus* L. {3}

MAGNANI & NIEHUIS, 1994! [#3211]

## ***Agrilus gibbicollis* Fall, 1901**

**Synonyms** *mercurius* Wickham

### ***Compositae***

*Gutierrezia* {1}

NELSON & WESTCOTT, 1976 [#1861]

***Fagaceae****Quercus* {1}CHAMBERLIN, 1926 [#468] (as *mercurius*) – FISHER, 1928 [#980]***Leguminosae****Prosopis glandulosa* Torr. {1}

MACRAE, 2006 [#7542]

**Synopsis** CHAMBERLIN, 1926 [#468] (*Quercus*) (as *mercurius*) – FISHER, 1928 [#980] (*Quercus*) – NELSON & WESTCOTT, 1976 [#1861] (*Gutierrezia*) – MACRAE, 2006 [#7542] (*Prosopis glandulosa*) – NELSON et al., 2008 [#8377] (*Gutierrezia*; *Prosopis*; *Quercus*)

***Agrilus giesberti* Hespeneide, 2009*****Leguminosae****Mimosa* {1}

HESPENHEIDE, 2009 [#9314]

***Agrilus gillespiensis* Knull, 1947*****Cannabaceae****Celtis* {1}

MANLEY, 1977 [#1772]

**Synopsis** MANLEY, 1977 [#1772] (*Celtis*) – NELSON et al., 2008 [#8377] (*Celtis*)

***Agrilus giorgiae* Curletti, 2004*****Leguminosae****Parkia biglobosa* (Jacq.) G. Don {3}

CURLETTI &amp; VAYSSIÈRES, 2007! [#8004]

***Agrilus globulifrons* Obenberger, 1920**

***Hypericaceae***

*Hypericum* {1}

SPARACIO et al., 2003 [#6912]

**Synopsis** SPARACIO et al., 2003 [#6912] (*Hypericum*)

**Remarks** This species is very close to *A. hyperici* developing in *Hypericum* which is likely also larval host of *A. globulifrons*.

***Agrilus goergeni* Curletti & Vayssières, 2007**

***Leguminosae***

*Parkia biglobosa* (Jacq.) G. Don {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus gordonii* Curletti & Sakalian, 2009**

***Leguminosae***

*Acacia* {3}

CURLETTI & SAKALIAN, 2009! [#8792]

***Agrilus graecus* Obenberger, 1916**

**Synonyms** *barbieri* Schaefer (unavailable); *viscivorus* Bílý

***Rosaceae***

*Crataegus* {0}

BORDY, 2006 [#9211] (as *viscivorus*)

***Santalaceae****Viscum* {3}

SCHAEFER, 1955! [#2572] (as *barbieri*)

*Viscum album* L. {3}

BÍLÝ, 1991! [#318] (as *viscivorus*) – ZABRANSKY, 1991! [#3546] (as *viscivorus*) – LIBERTO & GIGLI, 2003! [#6748] (as *viscivorus*) – MONNERAT, 2006! [#7969] (as *viscivorus*)

*Viscum album* ssp. *austriacum* (Wiesb.) Vollm. {3}

ŠKORPÍK et al., 2011! [#9173]

**Synopsis** SCHAEFER, 1955 [#2572] (*Viscum*) (as *barbieri*) – SCHAEFER, 1964 [#2575] (*Salix*) (as *barbieri*) – BÍLÝ, 1991 [#318] (*Viscum album*) (as *viscivorus*) – ZABRANSKY, 1991 [#3546] (*Viscum album*) (as *viscivorus*) – BÍLÝ, 1999 [#4478] (*Viscum laxum*; *V. album*) (as *viscivorus*) – MÜHLE et al., 2000 [#4970] (*Viscum album*) (as *viscivorus*) – BÍLÝ, 2002 [#5877] (*Viscum album*; *V. laxum*) (as *viscivorus*) (biology) – KRÓLIK, 2002 [#5736] (*Viscum album*) (as *viscivorus*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Viscum album*) (as *viscivorus*) – LIBERTO & GIGLI, 2003 [#6748] (*Viscum album* on *Pyrus* and *Acer*) (as *viscivorus*) – ALLEMAND, 2005 [#8703] (*Viscum album*) (as *viscivorus*) – BORDY, 2006 [#9211] (*Crataegus*) (as *viscivorus*) – MONNERAT, 2006 [#7969] (*Viscum album* on *Pyrus*) (as *viscivorus*) – ŠKORPÍK et al., 2011 [#9173] (*Viscum album austriacum*) (biology)

***Agrilus graminis* Kiesenwetter, 1857**

**Synonyms** *disparicornis* Bedel; *graminis* Gory & Laporte (unavailable); *mamorensis* Théry

***Adoxaceae****Viburnum* {2}

FLOBMANN, 2010! [#9247]

***Betulaceae****Alnus* {2}

PERRIS, 1877 [#3722] – SCHAEFER, 1949! [#2565]

*Betula* {1}

KUBÁŇ, 1978 [#3474]

*Corylus* {2}HELLRIGL, 1974 [#1207] (as *disparicornis*)*Corylus avellana* L. {2}

HELLRIGL, 1978! [#3442]

*Ostrya carpinifolia* Scop. {2}

CONTARINI, 1983! [#621]

**Celastraceae***Euonymus europaeus* L. {2}

CONTARINI, 1983! [#621]

**Fagaceae***Castanea sativa* Mill. {2}

CONTARINI, 1983! [#621]

*Fagus* {2}

SCHAEFER, 1949 [#3285] – SCHAEFER, 1949 [#2565]

*Fagus sylvatica* L. {2}

TASSI, 1962 [#2677] – TASSI, 1966 [#2683] – GOBBI, 1971 [#1092] – NIEHUIS &amp; TEZCAN, 1993 [#1910]

*Quercus* {3}

HEYDEN, 1877 [#5716] – BAUDUER, 1878 [#165] – DELHERM DE LARCENNE, 1885 [#3924] – LETZNER, 1892 [#4469] – HEYDEN, 1904 [#5717] – GALIBERT, 1932 [#8312] – SCHAEFER, 1933 [#7497] – RAPP, 1934! [#8272] – SCHAEFER, 1949 [#3285] – ALEXEEV, 1957! [#3226] – NIEHUIS, 1974 [#3629] – VOLKOVITSH, 1977 [#2985] – NIEHUIS &amp; TEZCAN, 1993! [#1910] – STUMPF et al., 2001! [#5788] – NIEHUIS, 2004! [#6762] – KLETECKA, 2009! [#9165] – FLOBMANN, 2010 [#9247] – ATAY et al., 2012 [#9655]

*Quercus castaneifolia* C. A. Mey. {3}

BARIMANI VARANDI et al., 2009! [#8793]

*Quercus cerris* L. {3}

SCHAEFER, 1949! [#2565]

*Quercus dalechampii* Ten. {3}

ŠKORPÍK et al., 2011! [#9173]

*Quercus faginea* Lam. {2}

RECALDE IRURZUN &amp; SAN MARTÍN MORENO, 2003 [#6983]

*Quercus ilex* L. {3}

SCHAEFER, 1949! [#2565] – SCHAEFER, 1951 [#3283]

*Quercus petraea* (Matt.) Liebl. {2}

NIEHUIS, 2004 [#6762]

*Quercus pubescens* Willd. {3}

SCHAEFER, 1949! [#2565] – SCHAEFER, 1951 [#3283]

*Quercus pyrenaica* Willd. {3}SCHAEFER, 1949! [#2565] (as *Quercus toza* Bastard)*Quercus robur* L. {3}

SCHAEFER, 1949! [#2565] – BRECHTEL &amp; KOSTENBADER, 2002! [#5766] – GUTOWSKI &amp; MILKOWSKI, 2008! [#8244]

*Quercus rubra* L. {3}

BRECHTEL &amp; KOSTENBADER, 2002! [#5766]

*Quercus suber* L. {3}CHOBOUT, 1905 [#9612] – THÉRY, 1930! [#2754] (as *mamorensis*) – SCHAEFER, 1949! [#2565] – SCHAEFER, 1951 [#3283] – SCHAEFER, 1953 [#3600]***Juglandaceae****Juglans regia* L. {0}

WEIDLICH, 1989 [#6165]

***Oleaceae****Fraxinus ornus* L. {0}

CONTARINI, 1983 [#621]

***Sapindaceae****Acer* {2}THÉRY, 1930 [#2754] (as *disparicornis*) – BARIMANI VARANDI et al., 2009! [#8793]

**Synopsis** HEYDEN, 1877 [#5716] (*Quercus*) (as *graminis*) – HEYDEN, 1877 [#8479] (*Quercus*) (as *graminis*) – BAUDUER, 1878 [#165] (*Quercus*) (as *graminis*) – GOBERT, 1878 [#5294] (*Quercus*; *Alnus*) (as *graminis*) – BAUDUER, 1883 [#5143] (*Quercus*) (as *graminis*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) (as *graminis*) – LETZNER, 1892 [#4469] (*Quercus*) (as *graminis*) – HEYDEN, 1904 [#5717] (*Quercus*) (as *graminis*) – CHOBOUT, 1905 [#9612] (*Quercus suber*) (as *graminis*) – CAILLOL, 1913 [#4053] (*Quercus*) (as *graminis*) (biology) – THÉRY, 1930 [#2754] (*Acer*) (as *disparicornis*) – THÉRY, 1930 [#2754] (*Quercus suber*) (as *mamorensis*) – GALIBERT, 1932 [#8312] (*Quercus*) (as *graminis*) – SCHAEFER, 1933 [#7497] (*Quercus*) (as *graminis*) – RAPP, 1934 [#8272] (*Quercus*) (as *graminis*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) (as *disparicornis*) –

SCHAEFER, 1949 [#3285] (*Quercus; Fagus*) (as *graminis*) – SCHAEFER, 1949 [#2565] (*Quercus robur; Q. pubescens; Q. suber; Q. toza; Q. cerris; Q. ilex; Alnus; Fagus*) (as *graminis*) (biology) – SCHAEFER, 1951 [#3283] (*Quercus ilex; Q. pubescens; Q. suber*) (as *graminis*) – SCHAEFER, 1953 [#3600] (*Quercus suber*) (as *graminis*) – HORION, 1955 [#1285] (*Quercus*) (as *graminis*) (biology) – TER MINASYAN, 1955 [#7893] (*Quercus*) (as *graminis*) – ALEXEEV, 1957 [#3226] (*Quercus*) (as *graminis*) (biology) – ALEXEEV, 1959 [#3229] (*Quercus*) (as *graminis*) – ALEXEEV, 1961 [#3243] (*Quercus*) (as *graminis*) – TASSI, 1962 [#2677] (*Fagus sylvatica*) (as *graminis*) – ZAGAIKEVICH, 1962 [#3249] (*Quercus*) (as *graminis*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*) (as *graminis*) – TASSI, 1966 [#2683] (*Fagus sylvatica*) (as *graminis*) – GOBBI, 1971 [#1092] (*Q. pedunculata; Fagus sylvatica*) (as *graminis*) – FRANZ, 1974 [#4334] (*Quercus*) (as *graminis*) – HELLRIGL, 1974 [#1207] (*Corylus*) (as *disparicornis*) – NIEHUIS, 1974 [#3629] (*Quercus*) (as *graminis*) – VOLKOVITSH, 1977 [#2985] (*Quercus*) (as *graminis*) – HELLRIGL, 1978 [#3442] (*Quercus; Alnus; Fagus; Corylus*) (as *graminis*) (biology) – KUBÁŇ, 1978 [#3474] (*Betula*) (as *graminis*) – ALEXEEV, 1981 [#61] (*Quercus; Corylus*) (as *graminis*) – CONTARINI, 1983 [#621] (*Euonymus europaeus; Ostrya carpinifolia; Castanea sativa; Fraxinus ornus*) (as *graminis*) (biology) – GOBBI, 1986 [#1100] (*Quercus; Fagus; Alnus; Euonymus; Ostrya; Castanea; Fraxinus*) (as *graminis*) (biology) – NIEHUIS, 1988 [#1912] (*Quercus*) (as *graminis*) (biology) – WEIDLICH, 1989 [#6165] (*Juglans regia*) (as *graminis*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Quercus; Fagus sylvatica*) (as *graminis*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) (as *graminis*) – BÍLÝ, 1999 [#4478] (*Quercus*) (as *graminis*) – STUMPF et al., 2001 [#5788] (*Quercus*) (as *graminis*) – BÍLÝ, 2002 [#5877] (*Alnus; Corylus; Fagus; Quercus*) (as *graminis*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus robur; Q. rubra*) (as *graminis*) (biology) – VERDUGO PAÉZ, 2002 [#5794] (*Quercus*) (as *graminis*) – RECALDE IRURZUN & SAN MARTÍN MORENO, 2003 [#6983] (*Quercus faginea*) (as *graminis*) – YANYTSKY, 2003 [#9052] (*Quercus; Alnus*) (as *graminis*) – NIEHUIS, 2004 [#6762] (*Quercus*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus; Alnus; Fagus*) – MÜHLE, 2007 [#8787] (*Quercus*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Quercus robur*) – NIKITSKII et al., 2008 [#8610] (*Quercus*) (biology) – BARIMANI VARANDI et al., 2009 [#8793] (*Quercus castaneifolia; Acer*) – KLETECKA, 2009 [#9165] (*Quercus*) – FLOBMANN, 2010 [#9247] (*Quercus; Viburnum*) – ŠKORPÍK et al., 2011 [#9173] (*Quercus dalechampii*) (biology) – ATAY et al., 2012 [#9655] (*Quercus*) – TEREKHOVA & SKRYLNIK, 2012 [#9634] (*Quercus borealis*) (as *graminis*)

**Remarks** *Agrilus graminis* develops primarily in *Quercus*. Larval host records are known also for Adoxaceae (*Viburnum*), Betulaceae (*Alnus, Corylus, Ostrya*); Celastraceae (*Euonymus* – well documented record); Fagaceae (*Castanea*) and Sapindaceae (*Acer*).



***Agrilus grandiceps cyrenaicus* Curletti, 2005*****Fagaceae****Quercus* {1}

CURLETTI, 2005 [#7124]

**Synopsis** CURLETTI, 2005 [#7124] (*Quercus*)**Remarks** The nominotypical taxon develops in *Quercus* which is likely larval host of this subspecies as well.***Agrilus grandiceps grandiceps* Kiesenwetter, 1857*****Fagaceae****Quercus coccifera* L. {3}

SCHAEFER, 1949! [#2565]

*Quercus ilex* L. {3}

SCHAEFER, 1949! [#2565] – NOVAK, 1964 [#6567]

*Quercus pubescens* Willd. {3}

SCHAEFER, 1949! [#2565]

**Synopsis** BOISSY, 1910 [#4494] (*Quercus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus pubescens*; *Q. ilex*; *Q. coccifera*) (biology) – NOVAK, 1964 [#6567] (*Quercus ilex*) – BÍLÝ, 2002 [#5877] (*Quercus coccifera*; *Q. ilex*; *Q. pubescens*)***Agrilus grandiceps hemiphanes* Marseul, 1866****Synonyms** *mephistopheles* Abeille de Perrin; *nigrivestis* Abeille de Perrin***Fagaceae****Quercus* {3}ABEILLE DE PERRIN, 1897 [#19] (as *mephistopheles*)*Quercus coccifera* L. {3}CHOBAUT, 1905! [#9612] (as *nigrivestis*) – CAILLOL, 1913! [#4053] (as *mephistopheles*) – SCHAEFER, 1972 [#2579]

*Quercus coccinea* Münchh. {3}

XAMBEU, 1898! [#9615] (as *nigrivestis*)

*Quercus ilex* L. {3}

ABEILLE DE PERRIN, 1897 [#19] (as *nigrivestis*) – MAYET, 1904! [#6062] (as *nigrivestis*) – BÉTIS, 1908 [#8013] (as *mephistopheles*) – SCHAEFER, 1936 [#3277] (as *nigrivestis*) – NOVAK, 1964 [#6567] (as *mephistopheles*) – NOVAK, 1964! [#6567] – SCHAEFER, 1972 [#2579]

*Quercus pubescens* Willd. {3}

SCHAEFER, 1933 [#7497] (as *mephistopheles*) – SCHAEFER, 1972 [#2579]

**Leguminosae***Genista scorpius* (L.) DC. {0}

ABEILLE DE PERRIN, 1897 [#19] – CAILLOL, 1913! [#4053]

**Synopsis** ABEILLE DE PERRIN, 1897 [#19] (*Quercus*) (as *mephistopheles*) – ABEILLE DE PERRIN, 1897 [#19] (*Genista scorpium*) – ABEILLE DE PERRIN, 1897 [#19] (*Quercus ilex*) (as *nigrivestis*) – XAMBEU, 1898 [#9615] (*Quercus coccinea*) (as *nigrivestis*) (biology) – MAYET, 1904 [#6062] (*Quercus ilex*) (as *nigrivestis*) (biology) – CHOBOUT, 1905 [#9612] (*Quercus coccifera*) (as *nigrivestis*) – BÉTIS, 1908 [#8013] (*Quercus ilex*) (as *mephistopheles*) – CAILLOL, 1913 [#4053] (*Genista scorpius*) – CAILLOL, 1913 [#4053] (*Quercus coccifera*) (as *mephistopheles*) (biology) – SCHAEFER, 1933 [#7497] (*Quercus pubescens*) (as *mephistopheles*) – SAINTE CLAIRE, 1935 [#8551] (*Genista scorpius*) – SCHAEFER, 1936 [#3277] (*Quercus ilex*) (as *nigrivestis*) – SCHAEFER, 1949 [#2565] (*Quercus pubescens*; *Q. ilex*; *Q. coccifera*) (biology) – SCHAEFER, 1963 [#3591] (*Quercus*) (biology) – NOVAK, 1964 [#6567] (*Quercus ilex*) – NOVAK, 1964 [#6567] (*Quercus ilex*) (as *mephistopheles*) – SCHAEFER, 1972 [#2579] (*Quercus pubescens*; *Q. ilex*; *Q. coccifera*) – GOBBI, 1986 [#1100] (*Quercus*) (biology) – CURLETTI, 1994 [#658] (*Quercus*)

**Remarks** Records for *Genista* are misidentifications.

**Agrilus grandinatus Curletti, 2010****Bignoniaceae***Amphilophium crucigerum* (L.) L. G. Lohmann {1}

CURLETTI, 2010 [#8821] (as *Pithecoctenium crucigerum* (L.) A. H. Gentry)

*Fridericia candicans* (Rich.) L. G. Lohmann {1}

CURLETTI, 2010 [#8821] (as *Arrabidaea candicans* (Rich.) DC.)

***Moraceae****Castilla elastica* Cerv. {1}

CURRETTI, 2010 [#8821]

***Sapindaceae****Serjania mexicana* (L.) Willd. {1}

CURRETTI, 2010 [#8821]

***Agrilus grandis* Gory & Laporte, 1839*****Leguminosae****Acacia pubescens* (Vent.) R. Br. {1}DESCARPENTRIES, 1959 [#727] (as *Acacia mollissima* Willd.)*Albizia adianthifolia* (Schum.) W. Wight {1}

BELLAMY et al., 1988 [#248]

*Albizia amara* (Roxb.) B. Boivin {1}

BELLAMY et al., 1988 [#248]

*Albizia amara* ssp. *sericocephala* (Benth.) Brenan {1}DESCARPENTRIES & MATEU, 1965 [#737] (as *Albizia sericocephala* (Benth.) Brenan)**Synopsis** DESCARPENTRIES, 1959 [#727] (*Acacia mollissima*) – DESCARPENTRIES & MATEU, 1965 [#737] (*Albizia sericocephala*) – BELLAMY et al., 1988 [#248] (*Albizia amara*; *A. adianthifolia*)***Agrilus granulatus granulatus* (Say, 1823)*****Betulaceae****Alnus* {0}

BLANCHARD, 1889! [#345]

*Betula* {1}

NELSON et al., 2008 [#8377]

## **Salicaceae**

*Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall {3}

BURKE, 1917! [#406] – FISHER, 1928! [#980] – MACRAE, 1991! [#1760]

*Populus nigra* L. {3}

MUTCHLER & WEISS, 1922! [#1858]

*Populus nigra* var. *italica* Koehne {3}

FISHER, 1928! [#980]

*Populus trichocarpa* Torr. & A. Gray {3}

BURKE, 1917! [#406]

*Salix* {1}

BURKE, 1917! [#406] – FROST & WEISS, 1920 [#8210]

**Synopsis** BLANCHARD, 1889 [#345] (*Alnus*) – CHITTENDEN, 1900 [#5334] (*Populus*; *Alnus*) – BURKE, 1917 [#406] (*Salix*; *Populus trichocarpa*; *P. deltoides*) (biology) – FROST & WEISS, 1920 [#8210] (*Populus nigra*; *Salix*) – MUTCHLER & WEISS, 1922 [#1858] (*Populus nigra*; *Salix*) – CHAMBERLIN, 1926 [#468] (*Populus nigra-italica*; *P. trichocarpa*; *P. deltoides*; *Alnus nigra*; *Salix*) – FISHER, 1928 [#980] (*Populus nigra* var. *italica*; *P. trichocarpa*) – FISHER & NICOLAY, 1928 [#9786] (*Populus nigra*) – DOANE et al., 1936 [#7341] (*Populus*) – WELLSO et al., 1976 [#3079] (*Populus*) – BRIGHT, 1987 [#379] (*Populus*) – IVES & WONG, 1988 [#9678] (*Populus*) – MACRAE, 1991 [#1760] (*Populus deltoides*) – SOLOMON, 1995 [#7647] (*Populus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Populus*) – NELSON et al., 2008 [#8377] (*Betula*; *Populus*) – PAIERO et al., 2012 [#9293] (*Betula*; *Populus*)

**Remarks** *Agrilus granulatus* develops in *Populus* and its biology is well known. The single old larval record for *Salix* and *Alnus* are likely misidentifications. We failed to find the reference for *Betula* cited by Nelson et al. (2008).

## ***Agrilus granulatus liragus* Barter & Brown, 1949**

### **Salicaceae**

*Populus* {3}

MARTINEAU, 1984! [#9683] – IVES & WONG, 1988! [#9678]

*Populus balsamifera* L. {3}

BARTER, 1965! [#139]

*Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall {3}

BARTER & BROWN, 1949! [#137] – BARTER, 1965! [#139]

*Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D. {3}

BARTER & BROWN, 1949! [#137] (as *Populus grandidentata* Michx.) – BARTER, 1965! [#139] (as *Populus grandidentata* Michx.)

*Populus tremuloides* Michx. {3}

BARTER & BROWN, 1949! [#137] – BARTER, 1965! [#139] – NELSON & WESTCOTT, 1976! [#1861]

*Populus trichocarpa* Torr. & A. Gray {3}

BARTER & BROWN, 1949! [#137] – BARTER, 1965! [#139]

**Synopsis** BARTER & BROWN, 1949 [#137] (*Populus tremuloides*; *P. grandidentata*; *P. trichocarpa*; *P. deltoides*) – BARTER, 1965 [#139] (*Populus tremuloides*; *P. grandidentata*; *P. balsamifera*; *P. trichocarpa*; *P. deltoides*) (biology) – GRAHAM & KNIGHT, 1965 [#9689] (*Populus*) – ANDERSON, 1966 [#4908] (*Populus*) (biology) – CARLSON & KNIGHT, 1969 [#419] (*Populus*) (biology) – BARR, 1971 [#136] (*Populus*) – BAKER, 1972 [#95] (*Populus*) (biology) – STEIN & KENNEDY, 1972 [#9733] (*Populus*) – NELSON & WESTCOTT, 1976 [#1861] (*Populus tremuloides*) – WELLSO et al., 1976 [#3079] (*Populus*) – MARTINEAU, 1984 [#9683] (*Pupulus*) (biology) – MARTINEAU, 1985 [#9679] (*Populus*) (biology) – BRIGHT, 1987 [#379] (*Populus*) – IVES & WONG, 1988 [#9678] (*Populus*) (biology) – SOLOMON, 1995 [#7647] (*Populus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Populus*) – NELSON et al., 2008 [#8377] (*Populus*)

***Agrilus granulatus mojavei* Knull, 1952*****Salicaceae****Populus* {3}

KNULL, 1952 [#1556]

*Populus fremontii* S. Watson {3}

NELSON, 1965! [#1873] – NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** KNULL, 1952 [#1556] (*Populus*) – NELSON, 1965 [#1873] (*Populus fremontii*) – NELSON & WESTCOTT, 1976 [#1861] (*Populus fremontii*) – NELSON et al., 2008 [#8377] (*Populus*)

***Agrilus granulatus populi* Fisher, 1928**

**Synonyms** *trichocarpae* Chamberlin

***Betulaceae****Alnus rubra* Bong. {0}

FISHER, 1928 [#980]

## ***Salicaceae***

*Populus nigra* var. *italica* Koehne {3}

FISHER, 1928! [#980] – CHAMBERLIN, 1929! [#469] (as *trichocarpae*)

*Populus trichocarpa* Torr. & A. Gray {3}

FISHER, 1928! [#980] – CHAMBERLIN, 1929! [#469] (as *trichocarpae*)

**Synopsis** FISHER, 1928 [#980] (*Populus nigra* var. *italica*; *Populus trichocarpa*; *Alnus rubra*) – CHAMBERLIN, 1929 [#469] (*Populus trichocarpa*; *P. nigraitalica*) (as *trichocarpae*) – DOANE et al., 1936 [#7341] (*Populus*) – BRIGHT, 1987 [#379] (*Populus*) – SOLOMON, 1995 [#7647] (*Populus*) (biology) – NELSON et al., 2008 [#8377] (*Populus*)

## ***Agrilus gregori* Obenberger, 1936**

### ***Leguminosae***

*Adenocarpus anagyriifolius* Cosson & Balansa (1873) {3}

CURLETTI & MAGNANI, 1991! [#3255]

## ***Agrilus grisator* Kerremans, 1893**

### ***Rutaceae***

*Citrus* {3}

CLAUSEN, 1933! [#7351] – MÜHLMANN, 1954! [#8152] – GARG, 1978! [#9207]

*Citrus aurantium* L. {3}

MAXWELL LEFROY & HOWLETT, 1909! [#8091]

*Citrus maxima* (Burm.) Osbeck {3}

BAUDON, 1968 [#162] (as *Citrus decumana* L.)

**Synopsis** MAXWELL LEFROY & HOWLETT, 1909 [#8091] (*Citrus aurantium*) – QUAINANCE, 1913 [#9778] (*Citrus*) – FLETCHER, 1917 [#9779] (*Citrus*) – MISRA, 1920 [#9781] (*Citrus*) – CLAUSEN, 1933 [#7351] (*Citrus*) – QUAYLE, 1938 [#7340] (*Citrus*) – MÜHLMANN, 1954 [#8152] (*Citrus*) – EBELING, 1959 [#9676] (*Citrus*) – BALACHOWSKY et al., 1962 [#96] (*Citrus*) – BAUDON, 1968 [#162] (*Citrus decumana*) – GARG, 1978 [#9207] (*Citrus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Citrus*)

***Agrilus griseoniger* Hespenheide, 1990*****Leguminosae****Acacia cochliacantha* Willd. {1}

MACRAE &amp; BELLAMY, 2013 [#9711]

***Agrilus georguievi* Curletti & Sakalian, 2009*****Leguminosae****Acacia* {1}

CURRETTI &amp; SAKALIAN, 2009 [#8792]

***Agrilus guerini* Lacordaire, 1835*****Salicaceae****Populus* {0}

ZAGAIKEVICH, 1962 [#3249]

*Populus tremula* L. {0}

HORION, 1955 [#1285] – FRANZ, 1974 [#4334] – ŠKORPÍK et al., 2011 [#9173]

*Salix* {3}

ZAGAIKEVICH, 1962 [#3249] – ALEXEEV, 1964! [#3847] – FREUDE &amp; WITZGALL, 1968 [#9009] – BORDY, 1973! [#4633] – GEISER, 1982 [#9012] – BÍLÝ, 1986 [#8411] – KOSTENBADER, 1989 [#4222]

*Salix alba* L. {2}

STEPANOV, 1954 [#2662] – SCHAEFER, 1964 [#2575] – LISKENNE, 1986 [#3626]

*Salix aurita* L. {3}

SCHAEFER, 1949 [#3285] – SCHAEFER, 1949! [#2565] – VOGT, 1987! [#3633] – NIEHUIS, 1988! [#1912]

*Salix caprea* L. {3}LACORDAIRE, 1835 [#3892] – FOURNEL & GÉHIN, 1846 [#4383] (as *sexguttatus* [#4383] – BAUDUER, 1878 [#165] – BEDEL, 1921! [#170] – GAUDIN, 1921! [#5404] – LECOMTE, 1925! [#5411] – LUNDBERG, 1962! [#5412] – BREGANT, 1971 [#3416] – SCHAEFER, 1972 [#2579] – HELLRIGL, 1978! [#3442] – KUBÁŇ, 1978! [#3474] – KUBÁŇ, 1979! [#3473] – VOGT, 1987! [#3633] – NIEHUIS, 1988! [#1912] – ZABRANSKY, 1991! [#3546] – NIEHUIS, 2001! [#5347] – BRECHTEL & KOSTENBADER, 2002! [#5766] – MUSKOVITS et al., 2003 [#5951] – NIEHUIS, 2004! [#6762]*Salix cinerea* L. {3}

SCHAEFER, 1964 [#2575] – BÍLÝ, 1986! [#8411] – BRECHTEL &amp; KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762]

*Salix elaeagnos* Scop. {3}

HELLRIGL, 1978! [#3442] (as *Salix incana* Schrank)

*Salix fragilis* L. {3}

VOGT, 1987! [#3633] – NIEHUIS, 1988! [#1912] – BREGANT et al., 1999 [#5822] – NIEHUIS, 2004! [#6762]

*Salix purpurea* L. {3}

SCHAEFER, 1964 [#2575] – BREGANT, 1971! [#3416] – FRANZ, 1974! [#4334] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762]

*Salix viminalis* L. {3}

ZABRANSKY, 1991! [#3546] – BARBALAT & WERMELINGER, 1996 [#4009]

**Synopsis** LACORDAIRE, 1835 [#3892] (*Salix caprea*) – FOURNEL & GÉHIN, 1846 [#4383] (as *sexguttatus* [#4383]) (*Salix caprea*) – BAUDUER, 1878 [#165] (*Salix caprea*) – BAUDUER, 1883 [#5143] (*Salix caprea*) – BEDEL, 1921 [#170] (*Salix caprea*) (biology) – GAUDIN, 1921 [#5404] (*Salix caprea*) (biology) – LECOMTE, 1925 [#5411] (*Salix caprea*) (biology) – SAINTE CLAIRE, 1935 [#8551] (*Salix caprea*) – SCHAEFER, 1949 [#2565] (*Salix caprea*; *S. aurita*) (biology) – SCHAEFER, 1949 [#3285] (*Salix aurita*) – STEPANOV, 1954 [#2662] (*Salix alba*) – HORION, 1955 [#1285] (*Salix caprea*; *Populus tremula*) (biology) – TER MINASYAN, 1955 [#7893] (*Salix*) – ALEXEEV, 1959 [#3229] (*Salix*) – LUNDBERG, 1962 [#5412] (*Salix caprea*) – ZAGAIKEVICH, 1962 [#3249] (*Salix*; *Populus*) (biology) – ALEXEEV, 1964 [#3847] (*Salix*) – SCHAEFER, 1964 [#2575] (*Salix purpurea*; *S. cinerea*; *S. alba*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix*) – FREUDE & WITZGALL, 1968 [#9009] (*Salix*) – BREGANT, 1971 [#3416] (*Salix purpurea*; *S. caprea*) – SCHAEFER, 1972 [#2579] (*Salix caprea*) – BORDY, 1973 [#4633] (*Salix*) (biology) – FRANZ, 1974 [#4334] (*Populus tremula*; *Salix purpurea*; *S. caprea*) – HELLRIGL, 1978 [#3442] (*Salix incana*; *S. caprea*; *S. aurita*; *S. purpurea*) (biology) – KUBÁŇ, 1978 [#3474] (*Salix caprea*) (biology) – KUBÁŇ, 1979 [#3473] (*Salix caprea*) (biology) – ALEXEEV, 1981 [#61] (*Salix*) – BÍLÝ, 1982 [#295] (*Salix*) (biology) – GEISER, 1982 [#9012] (*Salix*) – BÍLÝ, 1986 [#8411] (*Salix*; *Salix cinerea*) – GOBBI, 1986 [#1100] (*Salix*) (biology) – LISKENNE, 1986 [#3626] (*Salix alba*) – VOGT, 1987 [#3633] (*Salix caprea*; *S. aurita*; *S. fragilis*) (biology) – NIEHUIS, 1988 [#1912] (*Salix caprea*; *S. aurita*; *S. fragilis*) (biology) – KOSTENBADER, 1989 [#4222] (*Salix*) – ZABRANSKY, 1991 [#3546] (*Salix caprea*; *S. viminalis*) – CURLETTI, 1994 [#658] (*Salix*) – BARBALAT & WERMELINGER, 1996 [#4009] (*Salix viminalis*) – BÍLÝ, 1999 [#4478] (*Salix viminalis*; *S. caprea*) – BREGANT et al., 1999 [#5822] (*Salix fragilis*) – NIEHUIS, 2001 [#5347] (*Salix caprea*) (biology) – BÍLÝ, 2002 [#5877] (*Salix*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Salix caprea*; *S. cinerea*; *S. purpurea*) (biology) – GUTOWSKI & WANAT, 2002 [#5799] (*Salix caprea*) – HASTIR & GASPAS, 2002 [#6211] (*Salix caprea*) – GEIS, 2003 [#6934] (*Salix caprea*) – MUSKOVITS et al., 2003 [#5951] (*Salix caprea*) – YANYTSKY, 2003 [#9052] (*Salix*) – NIEHUIS, 2004 [#6762] (*Salix*) (biology) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2004 [#6689] (*Salix*) – VERDUGO PAÉZ, 2005 [#7256] (*Salix*) – ŠKORPÍK et al., 2011 [#9173] (*Populus tremula*) (biology)

**Remarks** The larval host record for *Populus* for *A. guerini* is missing.



***Agrilus guerryi* Obenberger, 1933*****Leguminosae***

*Dichrostachys cinerea* (L.) Wight & Arn. {1}  
 BELLAMY & WESTCOTT, 1995 [#3733]

***Agrilus gussakovskiji* Alexeev, 1981*****Juglandaceae***

*Juglans mandshurica* Maxim. {1}  
 ALEXEEV, 1981 [#62]

***Ulmaceae***

*Ulmus* {1}  
 ALEXEEV, 1981 [#62]

**Synopsis** ALEXEEV, 1981 [#62] (*Juglans mandshurica*; *Ulmus*) – ALEXEEV, 1989 [#64] (*Juglans mandshurica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Juglans mandshurica*; *Ulmus*)

***Agrilus harenus* Nelson, 1994*****Euphorbiaceae***

*Croton wigginsii* L. C. Wheeler {1}  
 NELSON, 1994 [#3486]

**Synopsis** NELSON, 1994 [#3486] (*Croton wigginsii*) – NELSON et al., 2008 [#8377] (*Croton*) – HESPENHEIDE et al., 2011 [#9050] (*Croton wigginsii*)

**Remarks** The large type series of adults was collected on *Croton wigginsii* which is likely the larval host plant.

***Agrilus harmodius centrafricanus* Curletti, 1998*****Leguminosae***

*Acacia* {3}  
 CURLETTI, 1998! [#4514]

***Agrilus harmodius harmodius* Obenberger, 1935**

***Leguminosae***

*Albizia zygia* (DC.) J. F. Macbr. {1}  
CURRETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus hassani* Théry, 1930**

***Rosaceae***

*Rubus* {1}  
THÉRY, 1930 [#2754]

***Agrilus hastulatus* Fähræus, 1851**

***Leguminosae***

*Albizia* {1}  
CURRETTI, 2002 [#5768]  
*Albizia zygia* (DC.) J. F. Macbr. {1}  
CURRETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus hastulifer* (Ratzeburg, 1837)**

***Betulaceae***

*Alnus* {3}  
PERRIS, 1877! [#3722] – DELHERM DE LARCENNE, 1885 [#3924] – XAMBEU, 1893!  
[#7788]  
*Carpinus* {3}  
ZVEROZOMB ZUBOVSKII, 1914! [#4978] – IL'INSKIJ, 1948! [#5670]  
*Carpinus betulus* L. {3}  
GOBBI, 1986! [#1100]

***Fagaceae***

*Castanea* {3}  
GOBBI, 1986 [#1100]

*Castanea sativa* Mill. {3}

SCHIMITSCHEK, 1944! [#3523] (as *Castanea vesca* Gaertn.)

*Quercus* {3}

BAUDUER, 1878 [#165] – DELHERM DE LARCENNE, 1885 [#3924] – HEYDEN, 1897 [#5286] – ZVEROZOMB ZUBOVSKII, 1914! [#4978] – GALIBERT, 1932 [#8312] – RIKHTER, 1945 [#3507] – IL'INSKII, 1948! [#5670] – YABLOKOV KHNZORYAN, 1957! [#5612] – SCHAEFER, 1959 [#3756] – IL'INSKII, 1962! [#8685] – TASSI, 1962 [#2676] – ALEXEEV, 1964! [#3847] – KHRAMCOV & PADIL, 1965! [#8649] – VOLKOVITSH, 1977! [#2985]

*Quercus canariensis* Willd. {2}

PEYERIMHOFF, 1919 [#4139] (as *Quercus mirbeckii* Durieu) – THÉRY, 1930 [#2754] (as *Quercus mirbeckii* Durieu)

*Quercus castaneifolia* C. A. Mey. {3}

BARIMANI VARANDI et al., 2009! [#8793]

*Quercus coccifera* L. {3}

HALPERIN & ARGAMAN, 2000! [#5124] (as *Quercus calliprinos* Webb)

*Quercus dalechampii* Ten. {3}

ŠKORPIK et al., 2011! [#9173]

*Quercus frainetto* Ten. {3}

SCHIMITSCHEK, 1944! [#3523] (as *Quercus conferta* Kit.)

*Quercus ilex* L. {2}

SCHAEFER, 1951 [#3283]

*Quercus ithaburensis* ssp. *macrolepis* (Kotschy) Hedge & Y {3}

KNOPE, 1971! [#1507] (as *Quercus aegilops* L.)

*Quercus pubescens* Willd. {3}

SCHAEFER, 1949! [#2565]

*Quercus pyrenaica* Willd. {3}

THÉRY, 1930 [#2754]

*Quercus robur* L. {3}

SCHAEFER, 1949! [#2565] – VOLODCHENKO, 2013! [#9639]

*Quercus suber* L. {3}

RUNGS, 1937! [#9614] – SCHAEFER, 1939 [#3282] – SCHAEFER, 1949! [#2565] – SCHAEFER, 1953 [#3600] – SCHAEFER, 1955 [#2572]

***Rosaceae****Rosa canina* L. {0}

THÉRY, 1930 [#2754]

**Synopsis** PERRIS, 1877 [#3722] (*Alnus*) (biology) – BAUDUER, 1878 [#165] (*Quercus*) – GOBERT, 1878 [#5294] (*Quercus*; *Alnus*) (biology) – BAUDUER, 1883 [#5143] (*Quercus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*; *Alnus*) – XAMBEU, 1893 [#7788] (*Alnus*) (biology) – HEYDEN, 1897 [#5286] (*Quercus*) –

SHCHEVYREV, 1907 [#8965] (*Quercus pedunculata*) – CAILLOL, 1913 [#4053] (*Alnus*; *Quercus*) (biology) – ZVEROZOMB ZUBOVSKII, 1914 [#4978] (*Quercus*; *Carpinus*) (biology) – PEYERIMHOFF, 1919 [#4139] (*Quercus Mirbecki*) – BEDEL, 1921 [#170] (*Alnus glutinosa*; *Quercus*) – REH, 1927 [#8947] (*Quercus*; *Carpinus*) (biology) – THÉRY, 1930 [#2754] (*Rosa canina*; *Quercus mirbecki*; *Quercus pyrenaica*) – GALIBERT, 1932 [#8312] (*Quercus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – RUNGS, 1937 [#9614] (*Quercus suber*) (biology) – SCHAEFER, 1939 [#3282] (*Quercus suber*) – SCHIMITSCHEK, 1944 [#3523] (*Quercus conferta*; *Castanea vesca*) (biology) – RIKHTER, 1945 [#3507] (*Quercus*) – IL'INSKII, 1948 [#5670] (*Quercus*; *Carpinus*) – SCHAEFER, 1949 [#2565] (*Quercus robur*; *Q. pubescens*; *Q. suber*; *Q. toza*; *Q. mirbecki*) (biology) – SCHAEFER, 1951 [#3283] (*Quercus ilex*) – SCHAEFER, 1953 [#3600] (*Quercus suber*) – MÜHLMANN, 1954 [#8152] (*Quercus*) – HORION, 1955 [#1285] (*Quercus robur*; *Q. pubescens*; *Betula*) (biology) – SCHAEFER, 1955 [#2572] (*Quercus suber*) – STARK, 1955 [#3533] (*Betula*) – TER MINASYAN, 1955 [#7893] (*Quercus*; *Alnus*) – YABLOKOV KHNZORYAN, 1957 [#5612] (*Quercus*) – DAVATCHI et al., 1959 [#8098] (*Quercus*; *Fagus*) – SCHAEFER, 1959 [#3756] (*Quercus*) – IL'INSKII, 1962 [#8685] (*Quercus*) – TASSI, 1962 [#2676] (*Quercus*) – ZAGAIKEVICH, 1962 [#3249] (*Quercus*) (biology) – ALEXEEV, 1964 [#3847] (*Quercus*) – KHRAMCOV & PADJ, 1965 [#8649] (*Quercus*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*) – KNOPF, 1971 [#1507] (*Quercus aegilops*) – SCHAEFER, 1972 [#2579] (*Q. pubescens*; *Q. pedunculata*; *Q. toza*; *Q. suber*) – FRANZ, 1974 [#4334] (*Quercus*; *Betula*) – VOLKOVITSH, 1977 [#2985] (laval host: *Quercus*) – HELLRIGL, 1978 [#3442] (*Quercus*; *Castanea*; *Carpinus*) (biology) – ALEXEEV, 1981 [#61] (*Quercus*) – GOBBI, 1986 [#1100] (*Quercus*; *Carpinus*; *Castanea*) (biology) – CURLETTI, 1994 [#658] (*Carpinus*; *Castanea*; *Cetis*; *Quercus*) – BÍLÝ, 1999 [#4478] (*Quercus*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Quercus calliprinos*) – BÍLÝ, 2002 [#5877] (*Quercus*) (biology) – VERDUGO PAÉZ, 2002 [#5794] (*Quercus coccifera*) – YANYTSKY, 2003 [#9052] (*Quercus*; *Betula*) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Quercus*; *Alnus*; *Betula*) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus*; *Castanea*; *Carpinus*) – NIKITSKII et al., 2008 [#8610] (*Quercus*) (biology) – BARIMANI VARANDI et al., 2009 [#8793] (*Quercus castaneifolia*) – ŠKORPÍK et al., 2011 [#9173] (*Quercus dalechampii*) (biology) – VOLODCHENKO, 2013 [#9639] (*Quercus robur*)

## ***Agrilus hastuliformis* Novak, 2003**

### ***Fagaceae***

*Quercus infectoria* ssp. *veneris* (A. Kern.) Meikle {1}  
NOVAK, 2003 [#6158]

***Agrilus hattorii* Nakane, 1983*****Fagaceae***

*Quercus acutissima* Carruth. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

*Quercus serrata* Murray {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus acutissima*; *Q. serrata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus acutissima*; *Q. serrata*)

***Agrilus hectori* Curletti, 2005*****Anacardiaceae***

*Astronium graveolens* Jacq. {1}

CURLETTI, 2005 [#7579]

***Bignoniaceae***

*Stizophyllum riparium* (Kunth) Sandwith {1}

HESPENHEIDE, 2012 [#9272]

***Combretaceae***

*Combretum fruticosum* (Loefl.) Stuntz {1}

CURLETTI, 2005 [#7579]

***Heliconiaceae***

*Heliconia* {1}

HESPENHEIDE, 2012 [#9272]

## ***Rhamnaceae***

*Gouania lupuloides* (L.) Urb. {1}  
CURLLETTI, 2005 [#7579]

**Synopsis** CURLLETTI, 2005 [#7579] (*Astronium graveolens*; *Combretum fruticosum*; *Gouania lupuloides*) – HESPENHEIDE, 2012 [#9272] (*Stizophyllum riparium*; *Heliconia*)

## ***Agrilus hehe* Curletti & Dutto, 1999**

### ***Leguminosae***

*Brachystegia* {3}  
CURLLETTI & DUTTO, 1999! [#9058]

## ***Agrilus hespenheidei* Nelson, 1991**

### ***Fagaceae***

*Quercus havardii* Rydb. {1}  
NELSON, 1991 [#9311]

### ***Leguminosae***

*Prosopis glandulosa* Torr. {1}  
NELSON, 1991 [#9311]

### ***Poaceae***

*Andropogon hallii* Hack. {1}  
MACRAE & NELSON, 2003 [#5977]

**Synopsis** NELSON, 1991 [#9311] (*Quercus havardii*; *Prosopis glandulosa*) – MACRAE & NELSON, 2003 [#5977] (*Andropogon hallii*) – NELSON et al., 2008 [#8377] (*Andropogon*; *Prosopis*; *Quercus*)

***Agrilus heterothecae* Knull, 1972*****Compositae****Heterotheca* {1}

KNULL, 1972 [#1575]

**Synopsis** KNULL, 1972 [#1575] (*Heterotheca*) – NELSON et al., 2008 [#8377] (*Heterotheca*)***Agrilus hirashimai* Kurosawa, 1964*****Fagaceae****Castanopsis* {1}

TÔYAMA, 1985 [#2924]

**Synopsis** TÔYAMA, 1985 [#2924] (*Castanopsis*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Castanopsis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Castanopsis*)***Agrilus hittita* Magnani, 1996*****Fagaceae****Quercus* {3}

MAGNANI, 1996! [#4065]

***Agrilus horni* Kerremans, 1900*****Salicaceae****Populus alba* L. {3}

NORD et al., 1965! [#1931]

*Populus tremula* L. {3}

NORD et al., 1965! [#1931]

*Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D. {3}NORD et al., 1965! [#1931] (as *Populus grandidentata* Michx.)*Populus tremuloides* Michx. {3}

NORD et al., 1965! [#1931] – NELSON et al., 1981 [#1903]

**Synopsis** GRAHAM & KNIGHT, 1965 [#9689] (*Populus*) – NORD et al., 1965 [#1931] (*Populus grandidentata*; *P. tremuloides*; *P. alba*; *P. tremula*) (biology) – CARLSON & KNIGHT, 1969 [#419] (*Populus*) (biology) – BAKER, 1972 [#95] (*Populus*) (biology) – WELLSO et al., 1976 [#3079] (*Populus tremuloides*; *P. grandidentata*) – KNIGHT & HEIKKENEN, 1980 [#9690] (*Populus*) – NELSON et al., 1981 [#1903] (*Populus tremuloides*) – BRIGHT, 1987 [#379] (*Populus*) – SOLOMON, 1995 [#7647] (*Populus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Populus*) – NELSON et al., 2008 [#8377] (*Populus*)

## ***Agrilus howdenae* Curletti, 1999**

### ***Leguminosae***

*Acacia mellifera* (M. Vahl) Benth. {3}  
CURRETTI, 1999! [#4805]

## ***Agrilus howdeni* Knull, 1957**

### ***Platanaceae***

*Platanus racemosa* var. *wrightii* (S. Watson) L. D. Benson {1}  
KNULL, 1957 [#1562] (as *Platanus wrightii* S. Watson)

**Synopsis** KNULL, 1957 [#1562] (*Platanus wrightii*) – NELSON et al., 2008 [#8377] (*Platanus*)

## ***Agrilus howdenorum* Hespeneide, 2008**

### ***Santalaceae***

*Phoradendron* {1}  
HESPENHEIDE, 2008 [#8195]

## ***Agrilus huachucae* Schaeffer, 1905**

### ***Compositae***

*Brickellia californica* (Torr. & A. Gray) A. Gray {1}  
NELSON et al., 1981 [#1903]

*Helianthus* {1}  
NELSON, 1965 [#1873]



***Fagaceae****Quercus* {1}

FROST &amp; WEISS, 1921 [#9670] – FISHER, 1928 [#980]

**Synopsis** FROST & WEISS, 1921 [#9670] (*Quercus*) – FISHER, 1928 [#980] (*Quercus*) – NELSON, 1965 [#1873] (*Helianthus*) – NELSON et al., 1981 [#1903] (*Brickellia californica*) – NELSON et al., 2008 [#8377] (*Brickellia*; *Quercus*)

***Agrilus hualpaii* Knull, 1939*****Leguminosae****Acacia greggii* A. Gray {1}

MACRAE, 2006 [#7542]

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}

HESPENHEIDE et al., 2011 [#9050]

**Synopsis** MACRAE, 2006 [#7542] (*Acacia greggii*) – NELSON et al., 2008 [#8377] (*Acacia*) – HESPENHEIDE et al., 2011 [#9050] (*Prosopis glandulosa* var. *torreyana*)

***Agrilus humilis* Kerremans, 1895****Synonyms** *tantillus* Kerremans***Solanaceae****Nicotiana* {0}KERREMANS, 1896 [#1422] (as *tantillus*)**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”) (as *tantillus*)**Remarks** Accidental occurrence.***Agrilus hyperici* (Creutzer, 1799)****Synonyms** *elatus* Fabricius (unavailable); *prasinus* Mulsant & Rey

**Hypericaceae***Hypericum* {3}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716] – BEDEL, 1885 [#8716] – HEYDEN, 1897 [#5286] – HEYDEN, 1904 [#5717] – RIKHTER, 1945 [#3507] – ALEXEEV, 1964! [#3847] – SIMON, 1966 [#3266] – GOBBI, 1971 [#1092] – GOBBI, 1973 [#1093] – VOLKOVITSH, 1977 [#2985] – KUBÁŇ, 1978! [#3474] – STUMPF et al., 2001 [#5788]

*Hypericum perforatum* L. {3}

CREUTZER, 1799! [#629] – KIESENWETTER, 1857 [#3015] – JAUBERT, 1858 [#1351] – MARSEUL, 1866 [#676] – STIERLIN & GAUTARD, 1869 [#8271] – HOCHHUTH, 1873 [#3453] – PERRIS, 1877! [#3722] – BAUDUER, 1878 [#165] – DELHERM DE LARCENNE, 1885 [#3924] – LETZNER, 1892 [#4469] – XAMBEU, 1893! [#7788] – DAEHNE, 1912 [#3609] – BEDEL, 1921! [#170] (as *elatus*) – ABOT, 1928 [#8304] – GALIBERT, 1932 [#8312] – RAPP, 1934 [#8272] – SCHAEFER, 1949! [#2565] – NOVAK, 1952 [#7830] (as *elatus*) – NIEHUIS, 1988 [#1912] – BRIESE, 1991! [#4221] – CAMPBELL & McCAFFREY, 1991! [#4218] – BREGANT et al., 1999 [#5822] – BRECHTEL & KOSTENBADER, 2002! [#5766] – ŠKORPÍK et al., 2011! [#9173]

*Hypericum perforatum* ssp. *veronense* (Schrank) H. Lindb. {3}

GREDLER, 1863 [#4680] (as *Hypericum veronense* Schrank)

*Hypericum tetrapterum* Fr. {3}

BEDEL, 1921! [#170] (as *elatus*) – SCHAEFER, 1949! [#2565]

**Salicaceae***Salix viminalis* L. {0}

DAEHNE, 1912 [#3609]

**Synopsis** CREUTZER, 1799 [#629] (*Hypericum perfoliatum*) – KIESENWETTER, 1857 [#3015] (*Hypericum perforatum*) – JAUBERT, 1858 [#1351] (*Hypericum perforatum*) – GREDLER, 1863 [#4680] (*Hypericum veronense*) – MARSEUL, 1866 [#676] (*Hypericum perforatum*) – STIERLIN & GAUTARD, 1869 [#8271] (*Hypericum perforatum*) – HOCHHUTH, 1873 [#3453] (*Hypericum perforatum*) – HEYDEN, 1877 [#8479] (*Hypericum*) – HEYDEN, 1877 [#5716] (*Hypericum*) – PERRIS, 1877 [#3722] (*Hypericum perforatum*) (biology) – BAUDUER, 1878 [#165] (*Hypericum perforatum*) – GOBERT, 1878 [#5294] (*Hypericum perforatum*) – BAUDUER, 1883 [#5143] (*Hypericum perforatum*) – BEDEL, 1885 [#8716] (*Hypericum*) – DELHERM DE LARCENNE, 1885 [#3924] (*Hypericum perforatum*) – LETZNER, 1892 [#4469] (*Hypericum perforatum*) – XAMBEU, 1893 [#7788] (*Hypericum perforatum*) (biology) – FLEISCHER, 1896 [#9745] (*Hypericum*) – HEYDEN, 1897 [#5286] (*Hypericum*) – HEYDEN, 1904 [#5717] (*Hypericum*) – STIERLIN, 1909 [#9006] (*Hypericus*) – DAEHNE, 1912 [#3609] (*Hypericum perforatum*; *Salix viminalis*) – CAILLOL, 1913 [#4053] (*Hypericum perforatum*) (as *elatus*) (biology) – PÉNEAU, 1913 [#5270] (*Hypericum perforatum*) – BEDEL, 1921 [#170] (*Hypericum perforatum*; *Hypericum tetrapterum*) (as *elatus*) (biology) – BEDEL, 1924 [#4486] (*Hypericum*) (as *elatus*) – ABOT, 1928 [#8304] (*Hypericum perforatum*) –

GALIBERT, 1932 [#8312] (*Hypericum perforatum*) – RAPP, 1934 [#8272] (*Hypericum perforatum*) – SAINTE CLAIRE, 1935 [#8551] (*Hypericum*) (as *elatus*) – SAINTE CLAIRE, 1935 [#8551] (*Rubus*) (as *prasinus*) – SCHAEFER, 1936 [#3278] (*Rubus*) (as *prasinus*) – RIKHTER, 1945 [#3507] (*Hypericum*) – SCHAEFER, 1949 [#2565] (*Hypericum perforatum*; *H. tetrapterum*) (biology) – NOVAK, 1952 [#7830] (*Hypericum perforatum*) (as *elatus*) – STEPANOV, 1952 [#3538] (*Hypericum*) – HORION, 1955 [#1285] (*Hypericum perforatum*; *H. tetrapterum*) (biology) – LIEBMANN, 1955 [#8543] (*Hypericum*) (as *elatus*) – ZAGAIKEVICH, 1962 [#3249] (*Hypericum*) – ALEXEEV, 1964 [#3847] (*Hypericum*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Hypericum*) – SIMON, 1966 [#3266] (*Hypericum*) – GOBBI, 1971 [#1092] (*Hypericum*) – SCHAEFER, 1972 [#2579] (*Hypericum perforatum*; *H. tetrapterum*) – GOBBI, 1973 [#1093] (*Hypericum*) – FRANZ, 1974 [#4334] (*Hypericum perforatum*) – VOLKOVITSH, 1977 [#2985] (*Hypericum*) – KUBÁŇ, 1978 [#3474] (*Hypericum*) (biology) – ALEXEEV, 1981 [#61] (*Hypericum*) – BÍLÝ, 1982 [#295] (*Hypericum*) (biology) – NIEHUIS, 1988 [#1912] (*Hypericum perforatum*) (biology) – WEIDLICH, 1989 [#6165] (*Hypericum*) – BRIESE, 1991 [#4221] (*Hypericum perforatum*) – CAMPBELL & McCAFFREY, 1991 [#4218] (*Hypericum perforatum*) (biology) – CURRETTI, 1994 [#658] (*Hypericum perforatum*; *H. tetrapterum*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Hypericum perforatum*) – BREGANT et al., 1999 [#5822] (*Hypericum perforatum*) – STUMPF et al., 2001 [#5788] (*Hypericum*) – BÍLÝ, 2002 [#5877] (*Hypericum perforatum*; *H. tetrapterum*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Hypericum perforatum*) (biology) – HASTIR & GASPAS, 2002 [#6211] (*Hypericum perforatum*; *Hypericum tetrapterum*) – YANYTSKY, 2003 [#9052] (*Hypericum*) – NIEHUIS, 2004 [#6762] (*Hypericum*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Hypericum*) – NELSON et al., 2008 [#8377] (*Hypericum*) – ŠKORPÍK et al., 2011 [#9173] (*Hypericum perforatum*) (biology) – BELLAMY et al., 2013 [#9486] (*Hypericum perforatum*; *H. tetrapterum*)

## ***Agrilus hypericicola* Abeille de Perrin, 1893**

### ***Hypericaceae***

*Hypericum* {1}

ABEILLE DE PERRIN, 1893 [#8]

*Hypericum perforatum* L. {1}

COBOS, 1955 [#3149]

## ***Agrilus hypoleucus* Gory & Laporte, 1839**

### ***Casuarinaceae***

*Allocasuarina muelleriana* (Miq.) L. A. S. Johnson {1}

BELLAMY, 2002 [#5764] (as *Casuarina muelleriana* Miq.)

*Casuarina cunninghamiana* Miq. {1}

BELLAMY, 2002 [#5764]

## ***Leguminosae***

*Acacia dealbata* Link {2}

COWIE, 2001 [#6941] – CURLETTI, 2001 [#5025]

*Acacia decurrens* Willd. {2}

COWIE, 2001 [#6941]

*Acacia leucolobia* Sweet {2}

BELLAMY, 2002 [#5764]

*Acacia longifolia* (Andrews) Willd. {3}

CURLETTI, 2001 [#5025] – TURNER, 2001! [#5087]

*Acacia longifolia* ssp. *sophorae* (Labill.) Court {3}

CURLETTI, 2001 [#5025] (as *Acacia longifolia* var. *sophorae* (Labill.) F. Muell.)

*Acacia mearnsii* De Wild. {2}

CURLETTI, 2001 [#5025]

*Acacia parramattensis* Tindale {2}

CURLETTI, 2001 [#5025]

*Acacia pycnantha* Benth. {2}

BELLAMY, 2002 [#5764]

*Acacia spectabilis* Benth. {2}

BELLAMY, 2002 [#5764]

## ***Myrtaceae***

*Leptospermum* {1}

BELLAMY, 2002 [#5764]

**Synopsis** COWIE, 2001 [#6941] (*Acacia dealbata*; *Acacia decurrens*) – CURLETTI, 2001 [#5025] (*Acacia dealbata*; *A. longifolia*; *A. longifolia* var. *sophorae*; *A. mearnsii*; *A. parramattensis*; *A. pycnantha*; *A. spectabilis*; *Casuarina cunningiannana*; *C. muelleriana*; *Leptospermum*) – TURNER, 2001 [#5087] (*Acacia longifolia*) (biology) – BELLAMY, 2002 [#5764] (*Casuarina cunninghamiana*; *Casuarina muelleriana*; *Acacia leucolobia*; *A. longifolia*; *A. mearnsii*; *A. parramattensis*; *A. pycnantha*; *A. spectabilis*; *Leptospermum*) – BELLAMY et al., 2013 [#9486] (*Acacia*; *Allocasuarina muelleriana*; *Casuarina cunninghamiana*; *Leptospermum*)

## ***Agrilus ibericus* Sobrino Sánchez & Tolosa Sánchez, 2005**

### ***Lamiaceae***

*Teucrium capitatum* L. {3}

SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2005! [#7252]

***Agrilus ignotus* Waterhouse, 1889*****Cannabaceae****Celtis* {1}

WESTCOTT et al., 2008 [#8193]

***Agrilus illectus* Fall, 1901*****Amaranthaceae****Atriplex confertifolia* (Torr. & Frém.) S. Watson {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

***Leguminosae****Lotus purshianus* (Benth.) F. Clements & E. Clements {1}

NELSON, 1962 [#1871]

*Ottleya rigida* (Benth.) D. D. Sokoloff {1}MACRAE, 2006 [#7542] (as *Lotus rigidus* (Benth.) Greene)*Prosopis* {1}

NELSON et al., 2008 [#8377]

*Syrmatium decumbens* (Benth.) Greene {1}MACRAE, 2006 [#7542] (as *Lotus nevadensis* (S. Watson) Greene)*Syrmatium glabrum* Vogel {1}NELSON & WESTCOTT, 1976 [#1861] (as *Lotus scoparius* (Nutt.) Ottley) – HESPENHEIDE et al., 2011 [#9050] (as *Lotus scoparius* (Nutt.) Ottley)***Polygonaceae****Eriogonum umbellatum* var. *dichrocephalum* Gand. {1}NELSON & WESTCOTT, 1976 [#1861] (as *Eriogonum umbellatum* ssp. *aridum* (Greene) S. Stokes)

**Synopsis** NELSON, 1962 [#1871] (*Lotus purshianus*) – NELSON & WESTCOTT, 1976 [#1861] (*Atriplex confertifolia*; *Lotus scoparius*; *Eriogonum umbellatum aridum*) – MACRAE, 2006 [#7542] (*Lotus rigidus*; *L. nevadensis*; *Atriplex*; *Eriogonum*) – NELSON et al., 2008 [#8377] (*Atriplex*; *Eriogonum*; *Lotus*; *Prosopis*) – HESPENHEIDE et al., 2011 [#9050] (*Lotus scoparius*)

**Remarks** *Agrilus illectus* is repeatedly collected on *Lotus* which is likely the larval host. Host plants cited originally in *Lotus* are currently in several genera.

## ***Agrilus imbellis* Crotch, 1873**

### ***Cistaceae***

*Helianthemum canadense* (L.) Michx. {1}

BLANCHARD, 1889 [#345] – CHITTENDEN, 1900 [#5334] – MUTCHLER & WEISS, 1922 [#1858] – CHAMBERLIN, 1926 [#468] – FISHER, 1928 [#980]

*Helianthemum rosmarinifolium* Pursh {1}

NELSON et al., 1981 [#1903]

*Lechea* Kalm ex L. {1}

CAPELOUTO, 1949 [#417]

### ***Compositae***

*Bigelovia nudata* var. *nudata* (Michx.) {1}

NELSON & WESTCOTT, 1976 [#1861] (as *Bigelovia virgata* (Nutt.) DC.)

*Rudbeckia* {1}

MACRAE, 1991 [#1760]

### ***Leguminosae***

*Robinia pseudoacacia* L. {0}

CHAMBERLIN, 1926! [#468]

**Synopsis** BLANCHARD, 1889 [#345] (*Helianthemum canadense*) – CHITTENDEN, 1900 [#5334] (*Helianthemum canadense*) – FROST & WEISS, 1920 [#9782] (*Helianthemum canadense*) – MUTCHLER & WEISS, 1922 [#1858] (*Helianthemum canadense*) – CHAMBERLIN, 1926 [#468] (*Robinia pseudoacacia*) – FISHER, 1928 [#980] (*Helianthemum canadensis*; *Robinia pseudoacacia*) – CAPELOUTO, 1949 [#417] (*Leachea*) – NELSON & WESTCOTT, 1976 [#1861] (*Bigelovia virgata*) – NELSON et al., 1981 [#1903] (*Helianthemum rosmarinifolium*) – BRIGHT, 1987 [#379] (*Helianthemum*; *Robinia*) – MACRAE, 1991 [#1760] (*Rudbeckia*) – DOWNIE & ARNETT, 1996 [#6170] (*Helianthemum canadensis*) – NELSON et al., 2008 [#8377] (*Bigelovia*; *Helianthemum*; *Rudbeckia*) – PAIERO et al., 2012 [#9293] (*Bigelovia*; *Helianthemum*; *Rudbeckia*)

**Remarks** The larval host of this species is most likely *Helianthemum*. The single larval record for *Robinia* seems to be misidentification.

***Agrilus imitans* Lewis, 1893*****Cannabaceae****Celtis sinensis* Pers. {1}KUROSAWA, 1963 [#1618] (as *Celtis sinensis* var. *japonica* (Planch.) Nakai)***Ulmaceae****Ulmus davidiana* var. *japonica* (Rehder) Nakai {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

*Zelkova serrata* (Thunb.) Makino {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

**Synopsis** KUROSAWA, 1963 [#1618] (*Celtis sinensis* var. *japonica*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Zelkova serrata*; *Celtis sinensis* var. *japonica*; *Ulmus davidiana* var. *japonica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Celtis*; *Ulmus*; *Zelkova*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis sinensis* var. *japonica*; *Ulmus davidiana* var. *japonica*; *Zelkova serrata*)

***Agrilus impexus* Horn, 1891*****Compositae****Chrysothamnus* {1}

HESPENHEIDE, 2007 [#8005]

***Leguminosae****Acacia greggii* A. Gray {0}

NELSON et al., 1981 [#1903]

*Calliandra humilis* Benth. {0}

NELSON et al., 1981 [#1903]

*Cercidium microphyllum* (Torr.) Rose & I. M. Johnst. {0}FISHER, 1928! [#980] (as *Parkinsonia microphylla* Torr.)*Gleditsia triacanthos* L. {0}

STROMBERG, 1894 [#7662]

*Olneya tesota* A. Gray {0}

NELSON et al., 1981 [#1903]

*Prosopis glandulosa* Torr. {0}

NELSON et al., 1981 [#1903] – WALTERS &amp; BELLAMY, 1990 [#3034]

*Prosopis juliflora* (Sw.) DC. {0}

NELSON et al., 1996 [#3975]

*Robinia pseudoacacia* L. {0}

STROMBERG, 1894 [#7662]

## **Zygophyllaceae**

*Larrea divaricata* Cav. {0}

NELSON et al., 1981 [#1903]

**Synopsis** STROMBERG, 1894 [#7662] (*Gleditsia triacanthos*; *Robinia pseudoacacia*) – CHITTENDEN, 1900 [#5334] (*Gleditschia triacanthos*; *Robinia pseudoacacia*) – FROST & WEISS, 1920 [#9782] (*Gleditschia*; *Robinia*) – CHAMBERLIN, 1926 [#468] (*Robinia pseudoacacia*; *Gleditsia triacanthos*) – FISHER, 1928 [#980] (*Parkinsonia microphylla*; *Gleditsia triacanthos*; *Robinia pseudoacacia*) – DOANE et al., 1936 [#7341] (*Cercidium microphyllum*; ?*Gleditsia*; ?*Pseudoacacia*) – NELSON et al., 1981 [#1903] (*Olneya tesota*; *Prosopis glandulosa*; *Acacia greggii*; *Larrea divaricata*; *Calliandra humilis*) – BRIGHT, 1987 [#379] (?*Gleditsia*; ?*Robinia*) – HESPENHEIDE, 1990 [#1229] (*Prosopis*) – WALTERS & BELLAMY, 1990 [#3034] (*Prosopis glandulosa*) – WESTCOTT et al., 1990 [#3086] (acacia woodland) – MAES et al., 1993 [#1764] (*Prosopis*) – NELSON et al., 1996 [#3975] (*Prosopis juliflora*) – HESPENHEIDE, 2007 [#8005] (*Chrysothamnus*) – NELSON et al., 2008 [#8377] (*Chrysothamnus*)

**Remarks** The concept of *A. impexus* was recently reassessed by HESPENHEIDE (2007) who revised also hosts and distribution. The larval host is unknown but adults were collected on *Chrysothamnus*.

## ***Agrilus impopularis* Deyrolle, 1864**

**Synonyms** *semivillosus* Kerremans

## ***Solanaceae***

*Nicotiana* {0}

KERREMANS, 1896 [#1422] (as *semivillosus*)

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”) (as *semivillosus*)

**Remarks** Accidental occurrence.



***Agrilus inadaï* Fukutomi, 2006*****Sapindaceae***

*Acer oblongum* Wall. ex DC. {1}

FUKUTOMI, 2006 [#8597] (as *Acer oblongum* var. *itoanum* Hayata)

***Agrilus inamoenus* Kerremans, 1892*****Adoxaceae***

*Sambucus javanica* Reinw. ex Blume {1}

BAUDON, 1968 [#162]

***Rutaceae***

*Citrus* {3}

PENG ZHONGLIANG & HUANG BANGKAN, 1995! [#6309] – HUA LI ZHONG, 2002 [#6696]

**Synopsis** BAUDON, 1968 [#162] (*Sambucus javanica*) – PENG ZHONGLIANG & HUANG BANGKAN, 1995 [#6309] (*Citrus*) (biology) – HUA LI ZHONG, 2002 [#6696] (*Citrus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Citrus*) – JENDEK, 2013 [#9278] (*Citrus*; *Sambucus javanica*)

***Agrilus incongruellus* Obenberger, 1935**

**Synonyms** *inconstans* Fisher

***Leguminosae***

*Albizia saman* (Jacq.) Merr. {1}

JACKMAN, 1987 [#1316] (as *inconstans*) (as *Samanea saman* (Jacq.) Merr.)

**Synopsis** JACKMAN, 1987 [#1316] (*Samanea saman*) (as *inconstans*)

## ***Agrilus incredulus* Curletti, 2005**

### ***Bignoniaceae***

*Tynnanthus croatianus* A. H. Gentry {1}

HESPENHEIDE, 2012 [#9272]

**Synopsis** HESPENHEIDE, 2012 [#9272] (*Tynnanthus croatianus*)

## ***Agrilus indignus* Fairmaire, 1849**

### ***Malvaceae***

*Hibiscus* {3}

BLAIR, 1927 [#5016]

*Hibiscus tiliaceus* L. {3}

BLAIR, 1928 [#343] – PAULIAN, 1998 [#7390] – CURLETTI, 2001! [#5025]

**Synopsis** BLAIR, 1927 [#5016] (*Hibiscus* flowers; beaten from pepper) – BLAIR, 1928 [#343] (*Hibiscus tiliacea*) – PAULIAN, 1998 [#7390] (*Hibiscus tilliaceous*) – CURLETTI, 2001 [#5025] (*Hibiscus tiliaceous*) – BELLAMY, 2002 [#5764] (*Hibiscus tiliaceous*) – CURLETTI, 2003 [#5841] (*Hibiscus tiliaceous*) – CURLETTI, 2006 [#7966] (*Hibiscus tiliaceous*) – BELLAMY et al., 2013 [#9486] (*Hibiscus tiliaceous*)

## ***Agrilus inexpectatus* Novak & Curletti, 2007**

### ***Leguminosae***

*Acacia tortilis* (Forssk.) Hayne {3}

NOVAK & CURLETTI, 2007! [#8039]

## ***Agrilus ingae* Curletti, 2005**

### ***Leguminosae***

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

***Agrilus inhabilis chalcogaster* Van Dyke, 1946*****Compositae***

*Ambrosia salsola* (Torr. & A. Gray) Strother & B. G. Baldwin. {1}

WALTERS, 1975 [#3035] (as *Hymenoclea salsola* Torr. & A. Gray ex Torr. & A. Gray)

*Baccharis sergiloides* A. Gray {1}

NELSON, 1968 [#1876]

*Gutierrezia* {1}

NELSON, 1962 [#1871]

*Gutierrezia californica* (DC.) Torr. & A. Gray {1}

NELSON & WESTCOTT, 1991 [#1862] (as *Gutierrezia bracteata* Abrams)

***Leguminosae***

*Senna armata* (S. Watson) H. S. Irwin & Barneby {1}

WALTERS, 1978 [#3036] (as *Cassia armata* S. Watson)

***Rutaceae***

*Thamnosma montana* Torr. & Frém. {1}

NELSON, 1962 [#1871]

**Synopsis** NELSON, 1962 [#1871] (*Thamnosma montana*; *Gutierrezia*) – NELSON, 1968 [#1876] (*Baccharis sergiloides*) – WALTERS, 1975 [#3035] (*Hymenoclea salsola*) – WALTERS, 1978 [#3036] (*Cassia armata*) – NELSON & WESTCOTT, 1991 [#1862] (*Hymenoclea salsola*; *Gutierrezia bracteata*) (biology) – NELSON et al., 2008 [#8377] (*Baccharis*; *Gutierrezia*; *Hymenoclea*; *Senna*; *Thamnosma*)

***Agrilus inhabilis cuprinus* Nelson, 1991*****Compositae***

*Chrysothamnus nauseosus* (Pall. ex Pursh) Britton {1}

NELSON, 1991 [#9311]

*Gutierrezia* {1}

NELSON, 1991 [#9311]

**Synopsis** NELSON, 1991 [#9311] (*Chrysothamnus nauseosus*; *Gutierrezia*) – NELSON et al., 2008 [#8377] (*Chrysothamnus*)

## ***Agrilus inhabilis inhabilis* Kerremans, 1900**

### ***Compositae***

*Ambrosia monogyra* (Torr. & A. Gray) Strother & B. G. Baldwin {1}

NELSON & WESTCOTT, 1991 [#1862] (as *Hymenoclea monogyra* Torr. & A. Gray)

*Ambrosia salsola* (Torr. & A. Gray) Strother & B. G. Baldwin. {1}

WALTERS, 1975 [#3035] (as *Hymenoclea salsola* Torr. & A. Gray ex Torr. & A. Gray) – WALTERS, 1978 [#3036] (as *Hymenoclea salsola* Torr. & A. Gray ex Torr. & A. Gray)

*Baccharis sergiloides* A. Gray {1}

NELSON, 1968 [#1876]

### ***Leguminosae***

*Senna armata* (S. Watson) H. S. Irwin & Barneby {1}

WALTERS, 1978 [#3036] (as *Cassia armata* S. Watson)

**Synopsis** NELSON, 1968 [#1876] (*Baccharis sergiloides* [refers to subspecies *chalcogaster*]) – WALTERS, 1975 [#3035] (*Hymenoclea salsola* [refers to subspecies *chalcogaster*]) – WALTERS, 1978 [#3036] (*Cassia armata* [refers to subspecies *chalcogaster*]; *Hymenoclea salsola*) – NELSON & WESTCOTT, 1991 [#1862] (*Hymenoclea monogyra*) (biology) – NELSON et al., 2008 [#8377] (*Hymenoclea*)

**Remarks** Records for *Baccharis* and *Cassia* refer to subspecies *chalcogaster*.

## ***Agrilus inops* Kerremans, 1892**

**Synonyms** *gouyei* Baudon

### ***Malvaceae***

*Sterculia lanceolata* Cav. {1}

BAUDON, 1968 [#162] (as *gouyei*)

***Agrilus insidiosus* Kerremans, 1896*****Solanaceae****Nicotiana* {0}

KERREMANS, 1896 [#1422]

**Synopsis** KERREMANS, 1896 [#1422] (“tabacs”)**Remarks** Accidental occurrence.***Agrilus integerrimus* (Ratzeburg, 1837)*****Betulaceae****Corylus* {0}

RUICANESCU, 1993 [#3257]

*Corylus avellana* L. {0}

NIEHUIS, 1988 [#1912] – NIEHUIS &amp; TEZCAN, 1993 [#1910] – NIEHUIS, 2004 [#6762]

***Cannabaceae****Celtis australis* L. {0}

BERTOLINI, 1891 [#263]

***Fagaceae****Quercus* {0}

RATZEBURG, 1839! [#3675]

***Rosaceae****Rubus idaeus* L. {0}

PJATAKOWA, 1930 [#8320]

**Salicaceae***Populus* {0}

HEYDEN, 1904 [#5717]

*Populus tremula* L. {0}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716]

*Salix* {1}

LORIFERNE &amp; POULAIN, 1888 [#8767] – RAPP, 1934 [#8272]

*Salix caprea* L. {1}

SIMON, 1966 [#3266] – FRANZ, 1974 [#4334]

**Thymelaeaceae***Daphne* {3}

NÖRDLINGER, 1880! [#4432] – SCHAEFER, 1933 [#7497] – RIKHTER, 1945 [#3507] – ZABRANSKY, 1991 [#3546]

*Daphne gnidium* L. {3}

MAYET, 1904 [#6062] – SCHAEFER, 1949 [#2565] – SCHAEFER, 1953 [#3600]

*Daphne laureola* L. {3}

BEDEL, 1921! [#170] – SCHAEFER, 1949 [#2565] – ALEXEEV, 1958! [#3982] – GOBBI, 1971! [#1092] – GOBBI, 1986! [#1100]

*Daphne mezereum* L. {3}

RATZEBURG, 1839! [#2499] – RATZEBURG, 1839! [#3675] – KIESENWETTER, 1857! [#3015] – KELLER, 1864! [#8984] – MARSEUL, 1866! [#676] – STIERLIN &amp; GAUTARD, 1869 [#8271] – GREDLER, 1870 [#3945] – ROSENHAUER, 1882! [#8755] – FAVRE &amp; BUGNION, 1890 [#5593] – XAMBEU, 1893! [#7788] – NITZL, 1902! [#8061] – CSIKI, 1915 [#3914] – SCHUMACHER, 1919 [#8434] – BEDEL, 1921! [#170] – KROGERUS, 1925! [#3472] – RAPP, 1934 [#8272] – SCHAEFER, 1949! [#3285] – ZAGAIKEVICH, 1962! [#3249] – STÖCKLIN, 1973! [#5628] – FRANZ, 1974 [#4334] – NIEHUIS, 1988 [#1912] – BRECHTEL &amp; KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – STUMPF, 2006! [#9370] – DEDYUKHIN &amp; NIKITSKII, 2009 [#8976] – ŠKORPIK et al., 2011 [#9173]

**Synopsis** RATZEBURG, 1839 [#2499] (*Daphne mezereum*) (biology) – RATZEBURG, 1839 [#3675] (*Daphne mezereum*; *Quercus*) – KIESENWETTER, 1857 [#3015] (*Daphne mezerum*) – KELLER, 1864 [#8984] (*Daphne metzeri*) – MARSEUL, 1866 [#676] (*Daphne mezereum*) – STIERLIN & GAUTARD, 1869 [#8271] (*Daphne mezereum*) – GREDLER, 1870 [#3945] (*Daphne*) – KALTENBACH, 1874 [#8154] (*Daphne*; *Quercus*) – HEYDEN, 1877 [#5716] (*Populus tremula*) – HEYDEN, 1877 [#8479] (*Populus tremula*) – NÖRDLINGER, 1880 [#4432] (*Daphne*) (biology) – ROSENHAUER, 1882 [#8755] (*Daphne mezereum*) (biology) – BAUDUER, 1883

[#5143] (*Daphne mezereum*) – LORIFERNE & POULAIN, 1888 [#8767] (*Salix*) – FAVRE & BUGNION, 1890 [#5593] (*Daphne mezereum*) – BERTOLINI, 1891 [#263] (*Celtis australis*) – XAMBEU, 1893 [#7788] (*Daphne mezereum*) (biology) – NITZL, 1902 [#8061] (*Daphne mezereum*) – HEYDEN, 1904 [#5717] (*Populus*) – MAYET, 1904 [#6062] (*Daphne gnidium*) – STIERLIN, 1909 [#9006] (*Daphne mezerum*) – CAILLOL, 1913 [#4053] (*Daphne mezerum*; *D. laureola*) (biology) – CSIKI, 1915 [#3914] (*Daphne mezereum*) – SCHUMACHER, 1919 [#8434] (*Daphne mezerum*) (biology) – BEDEL, 1921 [#170] (*Daphne mezerum*; *D. laureola*) (biology) – KROGERUS, 1925 [#3472] (*Daphne mezereum*) – PJATAKOWA, 1930 [#8320] (*Rubus idaeus*) – SCHAEFER, 1933 [#7497] (*Daphne*) – RAPP, 1934 [#8272] (*Salix*; *Daphne*) – SAINTE CLAIRE, 1935 [#8551] (*Daphne mazereum*; *D. laureola*) – RIKHTER, 1945 [#3507] (*Daphne*) – SCHAEFER, 1949 [#2565] (*Daphne mezerum*; *D. laureola*; *D. gnidium*) (biology) – SCHAEFER, 1949 [#3285] (*Daphne mezereum*) – WÖRNDLE, 1950 [#8539] (*Daphne*) – SCHAEFER, 1953 [#3600] (*Daphne gnidium*) – HORION, 1955 [#1285] (*Daphne mezerum*) (biology) – LIEBMANN, 1955 [#8543] (*Salix* and *Crataegus*) – ZAGAIKEVICH, 1957 [#4979] (*Daphne mezerum*) – ALEXEEV, 1958 [#3982] (*Daphne laureola*) – ALEXEEV, 1959 [#3229] (*Daphne*) – ALEXEEV, 1961 [#3243] (*Daphne*) – ZAGAIKEVICH, 1962 [#3249] (*Daphne mezereum*) (biology) – SCHAEFER, 1963 [#3591] (*Daphne gnidium*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Daphne*) – SIMON, 1966 [#3266] (*Salix caprea*) – GOBBI, 1971 [#1092] (*Daphne laureola*) – SCHAEFER, 1972 [#2579] (*Daphne mezereum*; *D. laureola*; *D. gnidium*) – STÖCKLIN, 1973 [#5628] (*Daphne mezereum*) (biology) – FRANZ, 1974 [#4334] (*Daphne mezereum*; *D. gnidium*; *D. laureola*; *Salix caprea*) – HELLRIGL, 1974 [#1207] (*Daphne mezereum*) – HELLRIGL, 1978 [#3442] (*Daphne*) (biology) – LUNDBERG, 1978 [#8867] (*Daphne mezereum*) – ALEXEEV, 1981 [#61] (*Daphne*) – BÍLÝ, 1982 [#295] (*Daphne*) (biology) – GOBBI, 1986 [#1100] (*Daphne*) (biology) – NIEHUIS, 1988 [#1912] (*Daphne mezerum*; *Corylus avellana*) (biology) – ZABRANSKY, 1991 [#3546] (*Daphne*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Corylus avellana*) – RUICANESCU, 1993 [#3257] (*Corylus*) – CURLETTI, 1994 [#658] (*Daphne gnidium*; *D. laureola*; *D. mezerum*) – BÍLÝ, 1999 [#4478] (*Daphne mezereum*) – STUMPF et al., 2001 [#5788] (*Daphne*) – BÍLÝ, 2002 [#5877] (*Daphne cneorum*; *D. gnidium*; *D. mezerum*; *D. laureola*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Daphne mezerum*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Daphne mezerum*; *Daphne laureola*; *Daphne gnidium*) – YANYTSKY, 2003 [#9052] (*Daphne mezereum*) – NIEHUIS, 2004 [#6762] (*Daphne mezereum*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Daphne*) – STUMPF, 2006 [#9370] (*Daphne mezereum*) (biology) – DEDYUKHIN & NIKITSKII, 2009 [#8976] (*Daphne mezerum*) – ŠKORPÍK et al., 2011 [#9173] (*Daphne mezereum*) (biology)

**Remarks** *Agrilus integerrimus* develops in *Daphne* (Thymelaeaceae) and his biology is well known.

***Agrilus interstitialis* Hespeneide & Westcott, 2011**

***Leguminosae***

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}  
HESPENHEIDE & WESTCOTT, 2011 [#9316]

***Agrilus invectus* Curletti & Dutto, 1999**

***Leguminosae***

*Acacia* {3}  
CURLETTI & DUTTO, 1999! [#9058]

***Agrilus irruptus* Obenberger, 1931**

***Cannabaceae***

*Celtis* {3}  
CURLETTI & VAYSSIÈRES, 2007! [#8004]

***Agrilus isoberliniae* Curletti & Vayssières, 2007**

***Leguminosae***

*Isoberlinia tomentosa* (Harms) Craib & Stapf {1}  
CURLETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus ivetteae* Curletti, 2010**

***Leguminosae***

*Acacia* {1}  
CURLETTI, 2010 [#8821]  
*Caesalpinia* {1}  
CURLETTI, 2010 [#8821]



***Agrilus ixcuinae* Fisher, 1938*****Leguminosae***

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}  
 MACRAE & BELLAMY, 2013 [#9711]

***Agrilus jacetanus* Sobrino Sánchez & Tolosa Sánchez, 2004*****Santalaceae***

*Viscum* {1}  
 SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2004 [#6687]

***Agrilus japanocarinatus* Ohmomo, 2002*****Oleaceae***

*Fraxinus mandshurica* Rupr. {3}  
 OHMOMO, 2002! [#5750]

**Synopsis** OHMOMO, 2002 [#5750] (*Fraxinus mandshurica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Fraxinus mandshurica*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Fraxinus mandshurica*)

***Agrilus javicola* Fisher, 1935*****Leguminosae***

*Acacia tomentosa* Willd. {1}  
 FISHER, 1935 [#995]

***Agrilus jenningsi* Fisher, 1938*****Bignoniaceae***

*Stizophyllum riparium* (Kunth) Sandwith {1}  
 HESPENHEIDE, 2012 [#9272]

## ***Leguminosae***

*Inga* {1}

CURLETTI, 2005 [#7579]

## ***Rhamnaceae***

*Gouania* {1}

HESPENHEIDE, 2012 [#9272]

**Synopsis** CURLETTI, 2005 [#7579] (*Inga*) – HESPENHEIDE, 2012 [#9272] (*Gouania*; *Stizophyllum riparium*)

## ***Agrilus jiloi* Curletti & Sakalian, 2009**

## ***Leguminosae***

*Acacia* {1}

CURLETTI & SAKALIAN, 2009 [#8792]

## ***Agrilus juglandis* Knull, 1920**

## ***Juglandaceae***

*Juglans* {3}

NELSON & WESTCOTT, 1976! [#1861]

*Juglans cinerea* L. {3}

KNULL, 1920! [#1508] – FISHER, 1928! [#980] – BARRETT, 1932! [#4940]

**Synopsis** FROST & WEISS, 1920 [#8210] (*Juglans cinerea*) – KNULL, 1920 [#1508] (*Juglans cinerea*) – CHAMBERLIN, 1926 [#468] (*Juglans cinerea*) – FISHER, 1928 [#980] (*Juglans cinerea*) – BARRETT, 1932 [#4940] (*Juglans cinerea*) – DOANE et al., 1936 [#7341] (*Juglans*) – NELSON & WESTCOTT, 1976 [#1861] (*Juglans*) – WELLSO et al., 1976 [#3079] (*Juglans cinerea*) – BRIGHT, 1987 [#379] (*Juglons cinerea*) – SOLOMON, 1995 [#7647] (*Juglans*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Juglans cinerea*) – MACRAE, 2003 [#5976] (*Juglans*) – NELSON et al., 2008 [#8377] (*Juglans*) – PAIERO et al., 2012 [#9293] (*Juglans*)

***Agrilus kalshoveni* Obenberger, 1931**

**Synonyms** *verbeeki* Obenberger

***Malvaceae***

*Schoutenia ovata* Korth. {3}

OBENBERGER, 1931 [#2092] (as *verbeeki*) (as *Actinophora fragrans* Wall. ex R. Br.) – VERBEEK, 1939! [#3663] (as *verbeeki*) (as *Actinophora fragrans* Wall. ex R. Br.) – MÜHLMANN, 1954! [#8152] (as *Actinophora fragrans* Wall. ex R. Br.)

**Synopsis** OBENBERGER, 1931 [#2092] (*Actinophora fragrans*) (as *verbeeki*) – VERBEEK, 1939 [#3663] (*Actinophora fragrans*) (as *verbeeki*) – MÜHLMANN, 1954 [#8152] (*Actinophora fragrans*) (biology)

***Agrilus kaluganus* Obenberger, 1940**

**Synonyms** *pseudoussuricola* Alexeev

***Betulaceae***

*Corylus* {3}

ALEXEEV, 1964! [#3847] – ALEXEEV, 1981 [#61] – ALEXEEV, 1989 [#64] (as *pseudoussuricola*)

*Corylus avellana* L. {3}

ALEXEEV, 1964! [#3846] – ALEXEEV, 1968! [#50]

**Synopsis** ALEXEEV, 1964 [#3846] (*Corylus avellana*) (biology) – ALEXEEV, 1964 [#3847] (*Corylus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Corylus*) – ALEXEEV, 1968 [#50] (*Corylus avellana*) – ALEXEEV, 1981 [#61] (*Corylus*) – ALEXEEV, 1989 [#64] (*Corylus*) (as *pseudoussuricola*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Corylus*)

***Agrilus kangaroo* Curletti, 2001*****Leguminosae***

*Acacia oswaldii* F. Muell. {3}

CURLETTI, 2001! [#5025]

**Synopsis** CURLETTI, 2001 [#5025] (*Acacia oswaldii*) – BELLAMY et al., 2013 [#9486] (*Acacia oswaldii*)

***Agrilus karrooi* Curletti, 1999**

***Leguminosae***

*Acacia* {1}

CURLETTI, 1999 [#4805]

***Agrilus kinuthiae* Curletti & Sakalian, 2009**

***Leguminosae***

*Acacia* {1}

CURLETTI & SAKALIAN, 2009 [#8792]

***Agrilus koala* Curletti, 2001**

***Leguminosae***

*Acacia* {3}

CURLETTI, 2001! [#5025]

*Acacia acuminata* ssp. *burkittii* (Benth.) Kodela & Tinda {3}

CURLETTI, 2001 [#5025] (as *Acacia burkittii* Benth.)

**Synopsis** CURLETTI, 2001 [#5025] (*Acacia*, adult on *Acacia burkittii*) – BELLAMY et al., 2013 [#9486] (*Acacia acuminata* ssp. *burkittii*)

***Agrilus komareki komareki* Obenberger, 1926**

***Moraceae***

*Morus* {1}

KUROSAWA, 1963 [#1618]

*Morus alba* L. {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Morus bombycis* Koidz.)

***Symplocaceae***

*Symplocos sumuntia* Buch.-Ham. ex D. Don {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Symplocos prunifolia* Siebold & Zucc.)

***Ulmaceae****Ulmus* {1}

KUROSAWA, 1963 [#1618]

*Ulmus davidiana* var. *japonica* (Rehder) Nakai {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

**Synopsis** KUROSAWA, 1963 [#1618] (*Ulmus*; *Morus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Morus bombycis*; *Ulmus davidiana* var. *japonica*; *Symplocos prunifolia*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Morus*; *Symplocos*; *Ulmus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Morus bombycis*; *Symplocos prunifolia*; *Ulmus davidiana* var. *japonica*)

***Agrilus komareki sapporoensis* Obenberger, 1935*****Salicaceae****Salix* {1}

HUA LI ZHONG, 2002 [#6696]

***Agrilus krantzi* Kerremans, 1911****Synonyms** *rhabdiscus* Obenberger***Leguminosae****Acacia tortilis* ssp. *spirocarpa* (A. Rich.) Brenan {1}DESCARPENTRIES, 1959 [#727] (as *rhabdiscus*) (as *Acacia spirocarpa* (A. Rich.) Brenan)***Agrilus kubani* Bílý, 1991*****Loranthaceae****Loranthus europaeus* Jacq. {3}

BÍLÝ, 1991! [#318] – ZABRANSKY, 1991! [#3546] – ŠKORPÍK et al., 2011 [#9173]

**Synopsis** BÍLÝ, 1991 [#318] (*Loranthus europeus*) – BÍLÝ, 1999 [#4478] (*Loranthus europeus*) – BÍLÝ, 2002 [#5877] (*Loranthus europeus*) (biology) – KRÓLIK, 2002 [#5736] (*Loranthus europaeus*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Loranthus europeus*) – ŠKORPÍK et al., 2011 [#9173] (*Loranthus europaeus*) (biology)

## ***Agrilus kurumi* Kurosawa, 1957**

### ***Juglandaceae***

*Juglans ailanthifolia* Carrière {3}

KUROSAWA, 1963 [#1618]

*Juglans mandshurica* Maxim. {3}

ALEXEEV, 1979! [#57]

**Synopsis** KUROSAWA, 1957 [#1615] (*Juglans sieboldiana*) – KUROSAWA, 1963 [#1618] (*Juglans ailanthifolia*) – ALEXEEV, 1979 [#57] (*Juglans mandshurica*) – ALEXEEV, 1989 [#64] (*Juglans mandshurica*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Juglans sieboldiana*) – JENDEK & GREBENNIKOV, 2009 [#8563] (*Juglans mandshurica*; *Juglans sieboldiana*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Juglans sieboldiana*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Juglans sieboldiana*)

## ***Agrilus kutahyanus* Królik, 2002**

### ***Santalaceae***

*Viscum album* ssp. *austriacum* (Wiesb.) Vollm. {3}

KRÓLIK, 2002! [#5736] (as *Viscum laxum* Boiss. & Reut.)

## ***Agrilus kuzikusensis* Curletti & Cristano, 2013**

### ***Leguminosae***

*Acacia mellifera* (M. Vahl) Benth. {1}

CURLETTI & CRISTANO, 2013 [#9706]

***Agrilus lacordairei* Gory & Laporte, 1839*****Salicaceae****Casearia sylvestris* Sw. {1}

HESPENHEIDE, 2012 [#9272]

***Agrilus lacus* Curletti & Ponel, 1994*****Compositae****Artemisia molinieri* Quézel, Barbero & Loisel {3}

CURRETTI &amp; PONEI, 1994! [#640] – PAULIAN, 2005 [#7123]

***Agrilus lacustris* LeConte, 1860****Synonyms** *cuneus* LeConte***Euphorbiaceae****Croton* {3}

FISHER, 1928 [#980] – VOGT, 1949 [#2971]

*Croton californicus* Müll. Arg {2}

NELSON, 1994 [#3486]

*Croton capitatus* Michx. {3}CHITTENDEN, 1900 [#5334] (as *cuneus*) – CHAMBERLIN, 1926! [#468]*Croton dioicus* Cav. {3}CHITTENDEN, 1900! [#5334] (as *cuneus*) (as *Croton elaeagnifolius* Vahl) – CHAMBERLIN, 1926! [#468] (as *Croton elaeagnifolius* Vahl)*Croton pottsii* (Klotzsch) Müll. Arg. {2}

MACRAE &amp; NELSON, 2003 [#5977]

***Fagaceae****Quercus* {0}

FALL, 1901 [#8293] – FISHER, 1928 [#980]

*Quercus alba* L. {0}

CHAMBERLIN, 1926 [#468]

**Solanaceae***Solanum* {1}

NELSON et al., 2008 [#8377]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Croton eleagnifolium*; *C. capitatum*) (as *cuneus*) – FALL, 1901 [#8293] (*Quercus*) – FROST & WEISS, 1920 [#9782] (*Croton capitatum*; *C. eleagnifolium*) – CHAMBERLIN, 1926 [#468] (*Croton eleagnifolium*; *C. capitatum*; *Quercus alba*) – FISHER, 1928 [#980] (*Croton capitatum*; *C. eleagnifolium*; *Quercus*) – VOGT, 1949 [#2971] (*Croton*) – BRIGHT, 1987 [#379] (*Croton*) – NELSON, 1994 [#3486] (*Croton californicus*) – DOWNIE & ARNETT, 1996 [#6170] (*Croton*) – MACRAE & NELSON, 2003 [#5977] (*Croton pottsii*) – NELSON et al., 2008 [#8377] (*Croton*; *Solanum*) – PAIERO et al., 2012 [#9293] (*Croton*; *Solanum*)

**Remarks** *Agrilus lacustris* develops in *Croton* (Euphorbiaceae). The old records for *Quercus* are misidentifications.

***Agrilus laticornis* (Illiger, 1803)**

**Synonyms** *asperrimus* Marseul; *coerulescens* Schilsky (unavailable); *scaberrimus* Ratzeburg

**Betulaceae***Alnus* {1}GOBERT, 1878 [#5294] (as *scaberrimus*)*Betula* {1}

HEYDEN, 1904 [#5717] – ABOT, 1928 [#8304] – RAPP, 1934 [#8272]

*Carpinus* {1}CAILLOL, 1913 [#4053] (as *asperrimus*)*Carpinus betulus* L. {1}

NIEHUIS, 2004 [#6762]

*Corylus* {3}

WEST, 1840 [#8781] – SCHIÖDTE, 1864 [#2595]

*Corylus avellana* L. {3}

HELLRIGL, 1978! [#3442]

**Fagaceae***Castanea sativa* Mill. {3}

SCHAEFER, 1949 [#2565] – POCHON, 1964 [#2470] – HELLRIGL, 1978! [#3442] – CONTARINI, 1983! [#621] – BRECHTEL &amp; KOSTENBADER, 2002! [#5766]



*Fagus* {1}

ABOT, 1928 [#8304] – NIEHUIS, 2004 [#6762]

*Quercus* {3}

WEST, 1840 [#8781] – RATZEBURG, 1844 [#8764] – CALWER, 1858 [#8204] – BOLLA, 1859 [#7448] – SCRIBA, 1861 [#8717] – PRELLER, 1862 [#8876] – SCHIÖDTE, 1864 [#2595] – MARSEUL, 1866 [#676] – STIERLIN & GAUTARD, 1869 [#8271] – LEDER, 1872 [#5596] – HEYDEN, 1877 [#5716] – HEYDEN, 1877 [#8479] – BAUDUER, 1878 [#165] – GOBERT, 1878 [#5294] (as *scaberrimus*) – GOBERT, 1878 [#5294] – DELHERM DE LARCENNE, 1885 [#3924] (as *scaberrimus*) – DELHERM DE LARCENNE, 1885 [#3924] – LORIFERNE & POULAIN, 1888 [#8767] – LETZNER, 1892 [#4469] (as *scaberrimus*) – LETZNER, 1892 [#4469] – HEYDEN, 1897 [#5286] – HUBENTHAL, 1902 [#8530] (as *coerulescens*) – HEYDEN, 1904 [#5717] – CARPENTIER & DELABY, 1908 [#7378] – BEDEL, 1921! [#170] (as *asperrimus*) – BEDEL, 1921! [#170] – ABOT, 1928 [#8304] – GALIBERT, 1932 [#8312] – RAPP, 1934 [#8272] – RIKHTER, 1945 [#3507] – SCHAEFER, 1949 [#3285] – YABLOKOV KHNZORYAN, 1957! [#5612] – GOBBI, 1971 [#1092] – HELLRIGL, 1974 [#1207] – NIEHUIS, 1988 [#1912] – BUSSLER & SCHMIDL, 2009 [#8740] – PROKHOROV, 2009 [#9353] – ATAY et al., 2012 [#9655]

*Quercus cerris* L. {2}

GOBBI, 1973 [#1093]

*Quercus ilex* L. {2}

GOBBI, 1973 [#1093]

*Quercus petraea* (Matt.) Liebl. {3}

BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Quercus pubescens* Willd. {3}

HELLRIGL, 1978! [#3442] – CURLETTI, 1980 [#641]

*Quercus robur* L. {3}

SCHAEFER, 1933 [#7497] (as *scaberrimus*) – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Quercus suber* L. {2}

SCHAEFER, 1953 [#3600] – SCHAEFER, 1964 [#2575]

***Malvaceae****Tilia* {0}

WEST, 1840 [#8781] – SCHIÖDTE, 1864 [#2595] – LETZNER, 1892 [#4469] (as *scaberrimus*) – RAPP, 1934 [#8272] – RIKHTER, 1945 [#3507]

***Oleaceae****Ligustrum* {0}

RAPP, 1934 [#8272]

**Rosaceae***Pyrus* {0}

SCHAEFER, 1949 [#2565]

*Rosa rubiginosa* L. {0}

ROSENHAUER, 1882! [#8755]

*Rosa spinosissima* L. {0}ROSENHAUER, 1882! [#8755] (as *Rosa pimpinellifolia* L.)*Rubus* {0}

RAPP, 1934 [#8272]

**Salicaceae***Salix* {0}

RIKHTER, 1945 [#3507]

*Salix aurita* L. {0}

SCHAEFER, 1949 [#2565]

*Salix caprea* L. {0}

BAUDUER, 1878 [#165]

*Salix viminalis* L. {0}BORCHERT, 1951 [#7707] (as *scaberrimus*)

**Synopsis** WEST, 1840 [#8781] (*Quercus*; *Corylus*; *Tilia*) – RATZEBURG, 1844 [#8764] (*Quercus*) – CALWER, 1858 [#8204] (*Quercus*) – BOLLA, 1859 [#7448] (*Quercus*) – FUSS, 1861 [#8465] (*Quercus*) – PRELLER, 1862 [#8876] (*Quercus*) – SCHIÖDTE, 1864 [#2595] (*Corylus*; *Quercus*; *Tilia*) – MARSEUL, 1866 [#676] (*Quercus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Quercus*) – LEDER, 1872 [#5596] (*Quercus*) – HEYDEN, 1877 [#8479] (*Quercus*) – HEYDEN, 1877 [#5716] (*Quercus*) – BAUDUER, 1878 [#165] (*Salix caprea*; *Quercus*) – GOBERT, 1878 [#5294] (*Quercus*; *Alnus*) (as *scaberrimus*) – GOBERT, 1878 [#5294] (*Quercus*) – ROSENHAUER, 1882 [#8755] (*Rosa pimpinellifolia*; *R. rubiginosa*) (biology) – BAUDUER, 1883 [#5143] (*Salix caprea*; *Quercus*) – JÄGER, 1884 [#5594] (*Quercus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) (as *scaberrimus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) – LORIFERNE & POULAIN, 1888 [#8767] (*Quercus*) – LETZNER, 1892 [#4469] (*Quercus*) – LETZNER, 1892 [#4469] (*Quercus*; *Tilia*) (as *scaberrimus*) – STIERLIN, 1893 [#7652] (*Quercus*) – FLEISCHER, 1896 [#9745] (*Quercus*) – HEYDEN, 1897 [#5286] (*Quercus*) – HUBENTHAL, 1902 [#8530] (*Quercus*) (as *coerulescens*) – HEYDEN, 1904 [#5717] (*Quercus*; *Betula*) – CARPENTIER & DELABY, 1908 [#7378] (*Quercus*) – PÉNEAU, 1911 [#8928] (*Quercus*) – PÉNEAU, 1911 [#8928] (*Quercus*) (as *scaberrimus*) – CAILLOL, 1913 [#4053] (*Quercus*; *Rosa pimpinellifolia*; *R. rubiginosa*; *Salix caprea*) (biology) – CAILLOL, 1913 [#4053] (*Quercus*; *Carpinus*) (as *asperrimus*) – BEDEL, 1921 [#170] (*Quercus*) (biology) – BEDEL, 1921 [#170] (*Quercus*) (as *asperrimus*) (biology) – ABOT, 1928 [#8304] (*Quercus*; *Fagus*; *Betula*) – GALIBERT, 1932 [#8312] (*Quercus*) – SCHAEFER, 1933 [#7497] (*Quercus robur*) (as *scaberrimus*) – RAPP, 1934 [#8272] (*Quercus*; *Betula*;

*Tilia; Ligustrum; Rubus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) (as *asperrimus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – RIKHTER, 1945 [#3507] (*Tilia; Quercus; Salix*) – SCHAEFER, 1949 [#3285] (*Quercus*) – CHAEFER, 1949 [#2565] (*Quercus; Castanea*) (biology) – BORCHERT, 1951 [#7707] (*Salix viminalis*) (as *scaberrimus*) – SCHAEFER, 1953 [#3600] (*Quercus suber*) – HORION, 1955 [#1285] (*Quercus*) (biology) – TER MINASYAN, 1955 [#7893] (*Tilia; Quercus; Salix*) – YABLOKOV KHNZORYAN, 1957 [#5612] (*Quercus*) – ZAGAIKEVICH, 1962 [#3249] (*Quercus; Tilia*) (biology) – POCHON, 1964 [#2470] (*Castanea sativa*) – SCHAEFER, 1964 [#2575] (*Quercus suber*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*) – GOBBI, 1971 [#1092] (*Quercus*) – GOBBI, 1973 [#1093] (*Quercus ilex; Q. cerris*) – HELLRIGL, 1974 [#1207] (*Quercus*) – HELLRIGL, 1978 [#3442] (*Castanea; Quercus; Corylus*) (biology) – POPO, 1978 [#3499] (*Quercus*) – CURLETTI, 1980 [#641] (*Quercus pubescens*) – BÍLÝ, 1982 [#295] (*Quercus; Corylus*) (biology) – CONTARINI, 1983 [#621] (*Castanea sativa*) (biology) – GOBBI, 1986 [#1100] (*Quercus; Castanea*) (biology) – NIEHUIS, 1988 [#1912] (*Quercus*) (biology) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) – BÍLÝ, 2002 [#5877] (*Castanea; Corylus; Quercus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus robur; Q. petraea; Castanea sativa*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Quercus; Corylus avellana*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Castanea*) – YANYTSKY, 2003 [#9052] (*Quercus*) – NIEHUIS, 2004 [#6762] (*Quercus; Fagus; Carpinus*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus; Castanea; Corylus; Salix; Pirus; Tilia*) – MÜHLE, 2007 [#8787] (*Quercus*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Quercus robur; Quercus petraea*) – BUSSLER & SCHMIDL, 2009 [#8740] (*Quercus*) – PROKHOROV, 2009 [#9353] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Castanea; Corylus; Quercus*) – ŠKORPÍK et al., 2011 [#9173] (*Quercus*) (biology) – ATAY et al., 2012 [#9655] (*Quercus*)

**Remarks** The larva lives in Fagaceae, primarily in *Quercus* but also in *Castanea*. We failed to find documented larval record for *Fagus*. From other families, *Corylus* (Betulaceae) is also recorded as the larval host. Records for plant genera from Malvaceae, Oleaceae, Rosaceae and Salicaceae are very unlikely.

## *Agrilus latifrons* Waterhouse, 1889

**Synonyms** *santaritae* Knull

### *Leguminosae*

*Desmodium batocaulon* A. Gray {1}

KNULL, 1970 [#1573] (as *santaritae*)

**Synopsis** KNULL, 1970 [#1573] (*Desmodium batocaulon*) (as *santaritae*) – NELSON et al., 2008 [#8377] (*Desmodium*)

***Agrilus latipalpis* Jendek, 2007**

***Fagaceae***

*Quercus* {1}

JENDEK & GREBENNIKOV, 2011 [#8765]

***Agrilus lautuellus* Fisher, 1928**

***Ebenaceae***

*Diospyros texana* Scheele {3}

KNULL, 1944! [#1546] – MACRAE & NELSON, 2003 [#5977]

**Synopsis** KNULL, 1944 [#1546] (*Diospyros texana*) – KNULL, 1966 [#1572] (*Diospyros texana*) – MACRAE & NELSON, 2003 [#5977] (*Diospyros texana*) – NELSON et al., 2008 [#8377] (*Diospyros*)

***Agrilus lecontei celticola* Fisher, 1928**

***Cannabaceae***

*Celtis ehrenbergiana* (Klotzsch) Liebm. {3}

VOGT, 1949 [#2971] (as *Celtis pallida* Torr.) – MACRAE, 2006! [#7542] (as *Celtis pallida* Torr.)

*Celtis laevigata* var. *reticulata* (Torr.) Benson {3}

MACRAE & NELSON, 2003! [#5977]

*Celtis laevigata* var. *texana* (Scheele) Sarg. {3}

NELSON & WESTCOTT, 1976 [#1861]

*Celtis laevigata* Willd. {3}

FISHER, 1928! [#980] – VOGT, 1949 [#2971]

*Celtis occidentalis* L. {3}

NELSON, 1987! [#1893] – HANSEN et al., 2012 [#9388]

***Compositae***

*Baccharis* {3}

MACRAE, 2006! [#7542]

***Leguminosae***

*Havardia pallens* (Benth.) Britton & Rose {3}

NELSON et al., 1981! [#1903] (as *Pithecellobium pallens* (Benth.) Standl.)

*Leucaena pulverulenta* (Schltdl.) Benth. {3}

MACRAE, 2006! [#7542]

***Sapindaceae***

*Sapindus drummondii* Hook. & Arn. {1}

VOGT, 1949 [#2971]

**Synopsis** FISHER, 1928 [#980] (*Celtis laevigata*) – VOGT, 1949 [#2971] (*Celtis pallida*; *Celtis pallida*; *Sapindus drummondii*) – NELSON & WESTCOTT, 1976 [#1861] (*Celtis laevigata* var. *texana*) – NELSON et al., 1981 [#1903] (*Pithecellobium palens*) – NELSON, 1987 [#1893] (*Celtis occidentalis*) – MACRAE & NELSON, 2003 [#5977] (*Celtis laevigata* var. *reticulata*; *C. tenuifolia*) – MACRAE, 2006 [#7542] (*Leucaena pulverulenta*; *Celtis pallida*; *Baccharis*) – NELSON et al., 2008 [#8377] (*Celtis*; *Havardia*; *Leucaena*; *Sapindus*) – HANSEN et al., 2012 [#9388] (*Celtis occidentalis*)

***Agrilus lecontei lecontei* Saunders, 1871*****Cannabaceae***

*Celtis laevigata* Willd. {3}

HESPENHEIDE, 1973! [#1220] – HESPENHEIDE, 1976! [#1224] – MACRAE, 1991 [#1760]

*Celtis occidentalis* L. {3}

STROMBERG, 1894 [#7662] – CHITTENDEN, 1900 [#5334] – KNULL, 1920! [#1508] – HESPENHEIDE, 1973! [#1220] – HESPENHEIDE, 1976! [#1224] – MACRAE, 1991! [#1760]

*Celtis tenuifolia* Nutt. {3}

MACRAE, 1991 [#1760] – MACRAE & NELSON, 2003! [#5977]

***Cornaceae***

*Cornus* {0}

LUGGER, 1884 [#1753]

## ***Fagaceae***

### *Quercus* {0}

MUTCHLER & WEISS, 1922 [#1858]

**Synopsis** LUGGER, 1884 [#1753] (*Cornus*) – STROMBERG, 1894 [#7662] (*Celtis occidentalis*) – CHITTENDEN, 1900 [#5334] (*Celtis occidentalis*) – FROST & WEISS, 1920 [#9782] (*Celtis*) – KNULL, 1920 [#1508] (*Celtis occidentalis*) – MUTCHLER & WEISS, 1922 [#1858] (*Celtis*; *Quercus*) – CHAMBERLIN, 1926 [#468] (*Celtis occidentalis*; *Cornus florida*) – FISHER, 1928 [#980] (*Celtis occidentalis*; *Cornus florida*) – FISHER & NICOLAY, 1928 [#9786] (*Celtis*) – STEIN & KENNEDY, 1972 [#9733] (*Celtis*) – HESPENHEIDE, 1973 [#1220] (*Celtis occidentalis*; *C. laevigata*) – HESPENHEIDE, 1976 [#1224] (*Celtis laevigata*; *C. occidentalis*) – WELLSO et al., 1976 [#3079] (*Celtis*) – BRIGHT, 1987 [#379] (*Celtis*) – MACRAE, 1991 [#1760] (*Celtis occidentalis*) – DOWNIE & ARNETT, 1996 [#6170] (*Celtis occidentalis*) – MACRAE & NELSON, 2003 [#5977] (*Celtis tenuifolia*) – NELSON et al., 2008 [#8377] (*Celtis*) – PAIERO et al., 2012 [#9293] (*Celtis*)

## ***Agrilus leucaenae* Hespeneheide, 2009**

## ***Leguminosae***

*Leucaena diversifolia* (Schltdl.) Benth. {1}

HESPENHEIDE, 2009 [#9314]

*Leucaena esculenta* (DC.) Benth. {1}

HESPENHEIDE, 2009 [#9314]

## ***Agrilus limoniastri* Bedel, 1886**

## ***Plumbaginaceae***

*Limoniastrum guyonianum* Durieu ex Boiss. {1}

BEDEL, 1886 [#3921]

## ***Agrilus limpiae* Knull, 1941**

## ***Rutaceae***

*Ptelea trifoliata* L. {1}

WESTCOTT, 2005 [#7137]

***Sapindaceae****Sapindus* {3}

MANLEY, 1977! [#1772]

*Sapindus drummondii* Hook. & Arn. {2}

KNULL, 1941 [#1541] – NELSON &amp; WESTCOTT, 1976 [#1861]

**Synopsis** KNULL, 1941 [#1541] (*Sapindus drummondii*) – NELSON & WESTCOTT, 1976 [#1861] (*Sapindus drummondii*) – MANLEY, 1977 [#1772] (*Sapindus*) – WESTCOTT, 2005 [#7137] (*Ptelea trifoliata*) – NELSON et al., 2008 [#8377] (*Sapindus*; *Ptelea*)

***Agrilus lineola lineola* Kiesenwetter, 1857**

**Synonyms** *hermineus* Abeille de Perrin; *lineola* Redtenbacher (unavailable)

***Betulaceae****Carpinus* {0}ABAI & ADELI, 1984 [#5808] (as *hermineus*)***Salicaceae****Salix* {3}GOBBI, 1970 [#1091] (as *lineola*)*Salix alba* L. {3}

SCHAEFER, 1955! [#2572] – ALEXEEV, 1957! [#3226] (as *lineola*) – ALEXEEV, 1959! [#3229] (as *lineola*) – SCHAEFER, 1964 [#2575] – GOBBI, 1968! [#1090] (as *lineola*) – NIEHUIS & TEZCAN, 1993 [#1910] (as *lineola*)

*Salix caprea* L. {3}

SCHAEFER, 1949 [#2565] – YANYTSKY, 1998 [#4786] – GEORGIEV et al., 2004! [#6731] (as *lineola*)

*Salix fragilis* L. {3}ALEXEEV, 1959! [#3229] (as *lineola*)*Salix viminalis* L. {2}

SCHAEFER, 1949 [#2565]

**Synopsis** SCHAEFER, 1949 [#2565] (*Salix caprea*; *S. viminalis*) (biology) – HORION, 1955 [#1285] (*Salix caprea*; *S. viminalis*) (as *lineola*) – SCHAEFER, 1955 [#2572] (*Salix alba*) (biology) – ALEXEEV, 1957 [#3226] (*Salix alba*) (as *lineola*) (biology) – ALEXEEV, 1959 [#3229] (*Salix alba*; *S. fragilis*) (as *lineola*) – ALEXEEV, 1961

[#3243] (*Salix alba*) (as *lineola*) – ZAGAIKEVICH, 1962 [#3249] (*Salix*) (as *lineola*) – SCHAEFER, 1964 [#2575] (*Salix alba*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix alba*) (as *lineola*) – GOBBI, 1968 [#1090] (*Salix alba*) (as *lineola*) – GOTTWALD, 1968 [#1114] (*Salix caprea*; *S. viminalis*) (as *lineola*) – GOBBI, 1970 [#1091] (*Salix*) (as *lineola*) – HELLRIGL, 1978 [#3442] (*Salix*) (as *lineola*) (biology) – ALEXEEV, 1981 [#61] (*Salix alba*) (as *lineola*) – ABAI & ADELI, 1984 [#5808] (*Carpinus*) (as *hermineus*) – GOBBI, 1986 [#1100] (*Salix*) (as *lineola*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Salix alba*) (as *lineola*) – CURLETTI, 1994 [#658] (*Salix*) (as *lineola*) – YANYTSKY, 1998 [#4786] (*Salix caprea*) – BÍLÝ, 1999 [#4478] (*Salix*) (as *lineola*) – SPARACIO, 1999 [#5142] (*Salix*) (as *lineola*) – BÍLÝ, 2002 [#5877] (*Salix alba*; *S. capraea*; *S. viminalis*) (as *lineola*) (biology) – YANYTSKY, 2003 [#9052] (*Salix*) (as *lineola*) – GEORGIEV et al., 2004 [#6731] (*Salix caprea*) (as *lineola*) (biology)

## ***Agrilus lineola shamyl* Obenberger, 1922**

### ***Salicaceae***

*Salix* {3}

KHODZHEVANISHVILI, 1956! [#3248] – VOLKOVITSH & ALEXEEV, 1994 [#2974]

## ***Agrilus lithocarpi* Curletti, 2006**

### ***Fagaceae***

*Lithocarpus* {1}

CURLETTI, 2006 [#7966]

## ***Agrilus litura* Kiesenwetter, 1857**

### ***Fagaceae***

*Quercus* {3}

RIKHTER & ALEXEEV, 1965 [#2522] – SAKALIAN, 1990 [#3517] – NIEHUIS & TEZCAN, 1993 [#1910] – SZALLIES, 1995 [#8786]

*Quercus dalechampii* Ten. {2}

ŠKORPÍK et al., 2011 [#9173]

*Quercus frainetto* Ten. {2}

BÍLÝ, 2002 [#5877]

*Quercus pubescens* Willd. {2}

BÍLÝ, 2002 [#5877]



*Quercus robur* L. {2}

BÍLÝ, 2002 [#5877]

**Synopsis** HORION, 1955 [#1285] (*Quercus*) (biology) – ALEXEEV, 1959 [#3229] (*Quercus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*) – GOBBI, 1986 [#1100] (*Quercus*) – SAKALIAN, 1990 [#3517] (*Quercus*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Quercus*) – CURLETTI, 1994 [#658] (*Quercus*) – SZALLIES, 1995 [#8786] (*Quercus*) – BÍLÝ, 2002 [#5877] (*Quercus frainetto*; *Q. pubescens*; *Q. robur*) (biology) – MÜHLE, 2007 [#8787] (*Quercus*) – ŠKORPÍK et al., 2011 [#9173] (*Quercus dalechampii*) (biology)

## *Agrilus lituratus* (Klug, 1829)

### *Leguminosae*

*Acacia* {3}

DESCARPENTRIES, 1953 [#722] – BÍLÝ, 1971 [#327] – HALPERIN & ARGAMAN, 2000! [#5124] – GOURVES, 2001 [#6244] – CURLETTI & HARTEN, 2002 [#5770] – VOLKOVITSH, 2004 [#7001]

*Acacia gummifera* Willd. {2}

PEYERIMHOFF, 1926 [#4141]

*Acacia seyal* Delile {3}

PEYERIMHOFF, 1931 [#4497] – DESCARPENTRIES & MATEU, 1965 [#737] – ALFIERI, 1976 [#74]

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963! [#717] (as *Acacia raddiana* (Savi) Brenan) – DESCARPENTRIES & MATEU, 1965 [#737] (as *Acacia raddiana* (Savi) Brenan) – MATEU, 1972! [#4794] (as *Acacia raddiana* (Savi) Brenan)

### *Rosaceae*

*Prunus* {0}

BATT, 1999! [#7878]

**Synopsis** PEYERIMHOFF, 1926 [#4141] (*Acacia gummifera*) – THÉRY, 1930 [#2754] (*Acacia gummifera*) (biology) – PEYERIMHOFF, 1931 [#4497] (*Acacia seyal*) – DESCARPENTRIES, 1953 [#722] (*Acacia*) – DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] (*Acacia raddiana*) – DESCARPENTRIES & MATEU, 1965 [#737] (*Acacia seyal*; *A. raddiana*) – BÍLÝ, 1971 [#327] (*Acacia*) – MATEU, 1972 [#4794] (*Acacia raddiana*; rare on further *Acacia*) (biology) – ALFIERI, 1976 [#74] (*Acacia seyal*) –

CURLETTI, 1994 [#658] (*Acacia gummifera*; *A. flava*; *A. seya*) – BATT, 1999 [#7878] (*Prunus*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Acacia*) – GOURVES, 2001 [#6244] (*Acacia*) – CURLETTI & HARTEN, 2002 [#5770] (*Acacia*) – VOLKOVITSH, 2004 [#7001] (*Acacia*)

**Remarks** *Agrilus lituratus* develops in *Acacia* (Leguminosae). Record for *Prunus* refers most likely to *A. roscidus*.

## ***Agrilus ljubomirovi* Curletti & Sakalian, 2009**

### ***Leguminosae***

*Acacia* {1}

CURLETTI & SAKALIAN, 2009 [#8792]

## ***Agrilus lopatini* Alexeev, 1964**

### ***Polygonaceae***

*Atraphaxis* {3}

ALEXEEV, 1964! [#3846] – ALEXEEV, 1968! [#50] – TLEPPAEVA & ISHKOV, 2004! [#7211] – TLEPPAEVA, 2013! [#9532]

**Synopsis** ALEXEEV, 1964 [#3846] (*Atraphaxis*) – ALEXEEV, 1968 [#50] (*Atraphaxis*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Atraphaxis*) – TLEPPAEVA, 2013 [#9532] (*Atraphaxis*)

## ***Agrilus lucanus* Fall, 1906**

### ***Ebenaceae***

*Diospyros californica* (Brandege) I. M. Johnst. {1}

HESPENHEIDE et al., 2011 [#9050]

***Agrilus lucindae* Hespeneide, 2010*****Acanthaceae***

*Justicia aurea* Schltld. {1}  
 HESPENHEIDE, 2010 [#8908]

***Agrilus luctator* Kerremans, 1903*****Leguminosae***

*Acacia cochliacantha* Willd. {1}  
 MACRAE & BELLAMY, 2013 [#9711]  
*Acacia pennatula* (Schltld. & Cham.) Benth. {1}  
 WESTCOTT et al., 1990 [#3086]

***Agrilus mabokeanus* Curletti, 1998*****Ebenaceae***

*Diospyros* {3}  
 CURLETTI, 1998! [#4514]

***Agrilus macer* LeConte, 1858*****Cannabaceae***

*Celtis* {3}  
 FISHER, 1928! [#980]  
*Celtis laevigata* var. *reticulata* (Torr.) Benson {3}  
 MACRAE, 2006 [#7542]  
*Celtis laevigata* Willd. {3}  
 VOGT, 1949! [#2971] – WELLSO, 1973! [#3078]  
*Celtis occidentalis* L. {3}  
 CHITTENDEN, 1900! [#5334] – FISHER, 1928! [#980]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Celtis occidentalis*) – FROST & WEISS, 1920 [#8210] (*Celtis occidentalis*) – CHAMBERLIN, 1926 [#468] (*Celtis occidentalis*) – FISHER, 1928 [#980] (*Celtis*) – VOGT, 1949 [#2971] (*Celtis laevigata*) – WELLSO, 1973 [#3078] (*Celtis laevigata*) – MACRAE, 2006 [#7542] (*Celtis laevigata* var. *reticulata*) – NELSON et al., 2008 [#8377] (*Celtis*)

***Agrilus macrocephalus* Curletti, 2006**

***Fagaceae***

*Castanopsis* {1}

CURLETTI, 2006 [#7966]

***Agrilus macroderus* Abeille de Perrin, 1897**

**Synonyms** *fuscosericeus* Daniel & Daniel; *prunicola* Goidanich (unavailable)

***Anacardiaceae***

*Pistacia lentiscus* L. {0}

NOVAK, 1964 [#6567]

***Fagaceae***

*Quercus* {0}

YABLOKOV KHNZORYAN, 1957 [#5612]

***Leguminosae***

*Caragana arborescens* Lam. {0}

POMERANCEV, 1938! [#4977] (as *fuscosericeus*) – IL'INSKII, 1948! [#5670]  
(as *fuscosericeus*)

***Rosaceae***

*Cerasus vulgaris* Mill. {3}

LEKIČ, 1956! [#3259] (as *Prunus cerasus* L.)

*Malus domestica* Borkh. {3}

STEPANOV, 1952! [#3538]

*Prunus* {3}

GOIDANICH, 1941! [#3261] (as *prunicola*) – IL'INSKII, 1948! [#5670]  
(as *fuscosericeus*)

*Prunus amygdalus* Batsch {2}

NIEHUIS & TEZCAN, 1993 [#1910] (as *Amygdalus communis* L.)

*Prunus armeniaca* L. {3}SEMENOV, 1902! [#4120] (as *fuscosericeus*) – LEKIČ, 1956! [#3259]*Prunus cerasifera* Ehrh. {3}NOVAK, 1964 [#6567] (as *Prunus cerasifera* ssp. *myrobalana* (L.) C. K. Schneid.)*Prunus domestica* L. {3}GOIDANICH, 1941! [#3261] (as *fuscosericeus*) – LEKIČ, 1956! [#3259] – LEKIČ, 1958! [#9595] – NIEHUIS & TEZCAN, 1993 [#1910]*Prunus insititia* L. {3}

LEKIČ, 1956! [#3259]

*Prunus persica* (L.) Stokes {3}

LEKIČ, 1956! [#3259]

*Pyrus* {3}

STEPANOV, 1952! [#3538]

*Rubus fruticosus* L. {0}

GOBBI, 1971 [#1092]

***Salicaceae****Salix* {0}IL'INSKIJ, 1948! [#5670] (as *fuscosericeus*) – SUPATASHVILI et al., 1972! [#7868]***Ulmaceae****Ulmus campestris* L. {0}

NOVAK, 1964 [#6567]

*Ulmus minor* Mill. {0}

BREGANT et al., 1999 [#5822]

***Vitaceae****Vitis* {0}HAVELKA, 1964 [#3433] (as *fuscosericeus*)

**Synopsis** SEMENOV, 1902 [#4120] (*Prunus armeniaca*) (as *fuscosericeus*) – POMERANCEV, 1938 [#4977] (*Caragana arborescens*) (as *fuscosericeus*) (biology) – GOIDANICH, 1941 [#3261] (*Prunus domestica*) (as *fuscosericeus*) (biology) – GOIDANICH, 1941 [#3261] (*Prunus*) (as *prunicola*) – IL'INSKIJ, 1948 [#5670] (*Salix*; *Caragana arborescens*; *Prunus*) (as *fuscosericeus*) – STEPANOV, 1952 [#3538] (*Malus*; *Pyrus*) – TER MINASYAN, 1955 [#7893] (*Rosa*; *Salix*; *Caragana*) – LEKIČ, 1956 [#3259] (*Prunus domestica*; *P. insititia*; *P. cerasifera*; *P. persica*; *P. cerasus*;

*P. armeniaca*; *Pyrus malus*; *P. cydonia*; *P. communis*) (biology) – YABLOKOV KHNZORYAN, 1957 [#5612] (*Quercus*) – LEKIČ, 1958 [#9595] (*Prunus domestica*) (biology) – BALACHOWSKY et al., 1962 [#96] (*Prunus*) (as *fuscosericeus*) (biology) – IL'INSKIJ, 1962 [#8685] (*Salix*; *Prunus*; *Caragana*) – ZAGAIKEVICH, 1962 [#3249] (*Prunus*; *Cerasus*) (biology) – HAVELKA, 1964 [#3433] (*Vitis*) (as *fuscosericeus*) – NOVAK, 1964 [#6567] (*Prunus myrabolana*; *Prunus cerasifera*; *Ulmus campestris*; *Pistacia lentiscus*) – GOTTWALD, 1968 [#1114] (*Prunus*) (as *fuscosericeus*) – GOBBI, 1971 [#1092] (*Rubus fruticosus*) – SUPATASHVILI et al., 1972 [#7868] (*Salix*) (biology) – FRANZ, 1974 [#4334] (*Rubus*; *Rosa*) (as *fuscosericeus*) – GURYEVA, 1974 [#5428] (*Prunus armeniaca* not from *Caragana*) (biology) – HELLRIGL, 1978 [#3442] (*Prunus*; *Armeniaca*; *Cerasus*) (as *fuscosericeus*) (biology) – NIEHUIS & TEZCAN, 1993 [#1910] (*Amygdalus communis*; *Prunus domestica*) – CURRETTI, 1994 [#658] (*Pistacia*; *Prunus*; *Rubus*; *Ulmus*) – BREGANT et al., 1999 [#5822] (*Ulmus minor*) – BÍLÝ, 2002 [#5877] (*Armeniaca vulgaris*; *Cerasus avium*; *Prunus domestica*; *P. spinosa*) (biology) – YANYTSKY, 2003 [#9052] (*Rosa*)

**Remarks** The larva develops in arboreous Rosaceae from genera *Malus*, *Prunus* and *Pyrus*. Records for other plants are misidentifications or misconceptions.

## *Agrilus maddalena* Curletti, 1998

### *Leguminosae*

*Albizia* {1}

CURRETTI, 2002 [#5768]

## *Agrilus madeci* Baudon, 1968

**Synonyms** *rokuyai* Kurosawa

### *Fagaceae*

*Quercus* {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *rokuyai*)

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus*) (as *rokuyai*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*.) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus*)

***Agrilus makiharaiellus* Ohmomo, 2006**

**Synonyms** *makiharai* Ohmomo

***Fagaceae***

*Castanopsis sieboldii* var. *lutchuensis* (Koidz.) T. Yamaz. & Mas {3}  
OHMOMO, 2006! [#7546] – OHMOMO, 2006! [#7546] (as *makiharai*)

***Agrilus mali* Matsumura, 1924**

**Synonyms** *jenissejensis* Obenberger

***Rosaceae***

*Malus* {3}

ALEXEEV, 1979! [#57] – ALEXEEV, 1979 [#57] (as *jenissejensis*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] – NIKRITIN, 1994! [#8675]

*Malus domestica* Borkh. {3}

MATSUMURA, 1924! [#9322] – YUASA, 1933! [#3132] – MÜHLMANN, 1954! [#8152] – NIKRITIN & SHUTOVA, 1985! [#4249] – SOKOLOV et al., 1995! [#6372]

*Malus pumila* Mill. {2}

KO, JE HO, 1969 [#9209]

*Pyrus* {3}

ALEXEEV, 1979 [#57] (as *jenissejensis*) – ALEXEEV, 1979! [#57] – ALEXEEV & VOLKOVITSH, 1989 [#3241]

**Synopsis** MATSUMURA, 1924 [#9322] (*Malus*) – CLAUSEN, 1931 [#3267] (*Malus*) (biology) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Malus*) – YUASA, 1933 [#3132] (*Malus*) – MÜHLMANN, 1954 [#8152] (*Malus*) – TER MINASYAN, 1955 [#7893] (*Malus*) – BALACHOWSKY et al., 1962 [#96] (*Malus*) – KO, JE HO, 1969 [#9209] (*Malus pumila*) – GURYEVA, 1974 [#5428] (*Malus*) – ALEXEEV, 1979 [#57] (*Malus*; *Pyrus*) – ALEXEEV, 1979 [#57] (*Malus*; *Pyrus*) (as *jenissejensis*) – NIKRITIN & SHUTOVA, 1985 [#4249] (*Malus*) (biology) – ALEXEEV, 1989 [#64] (*Malus*; *Pyrus*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Malus*; *Pyrus*) – NIKRITIN, 1994 [#8675] (*Malus*) (biology) – SOKOLOV et al., 1995 [#6372] (*Malus*) (biology) – HUA LI ZHONG, 2002 [#6696] (*Malus pumila*; *Juglans regia*; *Salix*; *Prunus persica*; *Prunus armeniaca*; *Malus spectabilis*; *Pyrus*) – JI YING, JI RONG & HUANG REN XIN, 2004 [#7326] (*Malus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Malus*; *Prunus*)

## ***Agrilus malicola* Rungs & Schaefer, 1948**

### ***Rosaceae***

*Malus domestica* Borkh. {3}

RUNGS & SCHAEFER, 1948! [#3514]

**Synopsis** RUNGS & SCHAEFER, 1948 [#3514] (*Malus*) – BALACHOWSKY et al., 1962 [#96] (*Malus*) (biology)

**Remarks** This species was described as a pest of *Malus* in Morocco.

## ***Agrilus malloti* Théry, 1930**

### ***Euphorbiaceae***

*Mallotus philippensis* (Lam.) Müll. Arg. {3}

THÉRY, 1930! [#2767] – BEESON, 1941! [#178]

**Synopsis** THÉRY, 1930 [#2767] (*Mallotus philippinensis*) – BEESON, 1941 [#178] (*Mallotus philippinensis*) (biology) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Mallotus philippinensis*)

## ***Agrilus mallotiellus* Kurosawa, 1985**

**Synonyms** *malloti* Kurosawa

### ***Euphorbiaceae***

*Mallotus japonicus* (L. f.) Müll. Arg. {3}

KUROSAWA, 1957 [#1615] (as *malloti*)

**Synopsis** KUROSAWA, 1957 [#1615] (*Mallotus japonicus*) (as *malloti*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Mallotus japonicus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Mallotus japonicus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Mallotus japonicus*)



***Agrilus malvastri* Fisher, 1928*****Malvaceae***

*Malvastrum coccineum* (Nutt.) A. Gray {1}

FISHER, 1928 [#980]

*Sphaeralcea* {1}

NELSON & WESTCOTT, 1976 [#1861]

***Polygonaceae***

*Eriogonum fasciculatum* Benth. {1}

NELSON et al., 1996 [#3975]

**Synopsis** FISHER, 1928 [#980] (*Malvastrum coccineum*) – NELSON & WESTCOTT, 1976 [#1861] (*Sphaeralcea*) – BRIGHT, 1987 [#379] (*Malvastrum*; *Sphaeralcea*) – NELSON et al., 1996 [#3975] (*Eriogonum fasciculatum*) – NELSON et al., 2008 [#8377] (*Eriogonum fasciculatum*; *Sphaeralcea coccinea*)

***Agrilus marcens* Obenberger, 1935*****Leguminosae***

*Julbernardia pellegriniana* Troupin {1}

CURLETTI, 2000 [#4849] (as *Paraberlinia bifoliolata* Pellegr.)

***Agrilus marginicollis* Saunders, 1873*****Vitaceae***

*Vitis coignetiae* Pulliat ex Planch. {1}

KUROSAWA, 1963 [#1618]

**Synopsis** KUROSAWA, 1963 [#1618] (*Vitis coignetiae*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Vitis coignetiae*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Vitis coignetiae*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Vitis coignetiae*)

## ***Agrilus margotanae* Novak, 2001**

### ***Rosaceae***

*Crataegus* {3}

NOVAK, 2001! [#5081]

*Prunus amygdalus* Batsch {3}

NOVAK, 2001! [#5081] (as *Prunus dulcis* (Mill.) D. A. Webb)

## ***Agrilus marietae* Curletti & Sakalian, 2007**

### ***Leguminosae***

*Acacia lahai* Benth. {1}

CURLETTI & SAKALIAN, 2007 [#7985]

## ***Agrilus marozzinii* Gobbi, 1974**

### ***Anacardiaceae***

*Pistacia* {3}

NIEHUIS & TEZCAN, 1993! [#1910]

*Pistacia lentiscus* L. {3}

GOBBI, 1971 [#1092] – GOBBI, 1974! [#1094] – GOBBI, 1983 [#1098]

*Pistacia terebinthus* L. {3}

GOBBI, 1971 [#1092] – GOBBI, 1974! [#1094] – GOBBI, 1983 [#1098]

*Pistacia vera* L. {2}

GOBBI, 1974 [#1094] – GOBBI, 1986 [#1100]

**Synopsis** GOBBI, 1971 [#1092] (*Pistacia terebinthus*; *Pistacia lentiscus*) – GOBBI, 1974 [#1094] (*Pistacia terebinthus*; *P. lentiscus*; *P. vera*) – HELLRIGL, 1978 [#3442] (*Pistacia*) – GOBBI, 1983 [#1098] (*Pistacia terebinthus*; *Pistacia lentiscus*) – SCHAEFER, 1984 [#2580] (*Pistacia terebinthus*; *P. lentiscus*) – GOBBI, 1986 [#1100] (*Pistacia*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Pistacia*) – CURLETTI, 1994 [#658] (*Pistacia lentiscus*; *P. terebinthus*) – MÜHLE et al., 2000 [#4970] (*Pistacia*)

***Agrilus masculinus* Horn, 1891*****Anacardiaceae***

*Rhus aromatica* Aiton {1}  
NELSON et al., 2008 [#8377]

***Betulaceae***

*Ostrya* {1}  
WELLSO et al., 1976 [#3079]

***Fagaceae***

*Quercus* {1}  
FROST & WEISS, 1920 [#8210]  
*Quercus rubra* L. {1}  
CHAMBERLIN, 1926 [#468]

***Juglandaceae***

*Carya alba* (L.) Nutt. ex Elliott {1}  
NELSON et al., 2008 [#8377] (as *Carya tomentosa* (Lam. ex Poir.) Nutt.)

***Lauraceae***

*Sassafras albidum* (Nutt.) Nees {1}  
HANSEN et al., 2012 [#9388]

***Leguminosae***

*Cercis canadensis* L. {3}  
NELSON, 1965! [#1873]  
*Gleditsia triacanthos* L. {3}  
HESPENHEIDE, 1973! [#1220]  
*Gymnocladus dioica* (L.) K. Koch {1}  
NELSON et al., 2008 [#8377]

**Sapindaceae***Acer* {3}

HESPENHEIDE, 1976! [#1224] – NELSON & WESTCOTT, 1976 [#1861]

*Acer negundo* L. {3}

STROMBERG, 1894 [#7662] – KNULL, 1920! [#1508] – KNULL, 1922! [#1509] – FISHER, 1928 [#980] – HESPENHEIDE, 1973! [#1220]

*Acer platanoides* L. {3}

HESPENHEIDE, 1969! [#1234] – HESPENHEIDE, 1973! [#1220]

*Acer rubrum* L. {2}

KNULL, 1922! [#1509]

*Acer saccharum* Marshall {3}

HESPENHEIDE, 1969! [#1234] – HESPENHEIDE, 1973! [#1220] – MACRAE, 1991! [#1760]

*Aesculus* {3}

BLATCHLEY, 1910 [#346] – CHAMBERLIN, 1926 [#468]

*Aesculus glabra* Willd. {3}

KNULL, 1947! [#1549] – NELSON et al., 1981! [#1903]

**Synopsis** STROMBERG, 1894 [#7662] (*Acer negundo*) – CHITTENDEN, 1900 [#5334] (*Acer negundo*) – BLATCHLEY, 1910 [#346] (*Aesculus*) – FROST & WEISS, 1920 [#8210] (*Acer negundo*; *Quercus rubra*; *Aesculus*; *Quercus*) – KNULL, 1920 [#1508] (*Acer negundo*) – KNULL, 1922 [#1509] (*Acer negundo*) – CHAMBERLIN, 1926 [#468] (*Acer negundo*; *Acer rubrum*) – FISHER, 1928 [#980] (*Acer negundo*; *Acer rubrum*) (biology) – FISHER & NICOLAY, 1928 [#9786] (*Acer*) – KNULL, 1947 [#1549] (*Aesculus glabra*) – NELSON, 1965 [#1873] (*Cercis canadensis*) – HESPENHEIDE, 1969 [#1234] (*Acer saccharum*; *A. platanoides*) – STEIN & KENNEDY, 1972 [#9733] (*Acer*) – HESPENHEIDE, 1973 [#1220] (*Gleditsia triacanthos*; *Acer saccharum*; *A. platanoides*) – HESPENHEIDE, 1976 [#1224] (*Acer*) – NELSON & WESTCOTT, 1976 [#1861] (*Acer*) – WELLSO et al., 1976 [#3079] (*Acer negundo*; *Ostrya*) – NELSON et al., 1981 [#1903] (*Aesculus glabra*) – BRIGHT, 1987 [#379] (*Acer*; *Aesculus*) – MACRAE, 1991 [#1760] (*Acer saccharum*) – SOLOMON, 1995 [#7647] (*Acer*; *Ostrya*; *Gleditsia*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Acer*) – NELSON et al., 2008 [#8377] (*Acer*; *Aesculus*; *Cercis*; *Gleditsia*; *Carya*; *Gymnocladus*; *Rhus*; *Quercus*) – HANSEN et al., 2012 [#9388] (*Sassafras albidum*) – PAIERO et al., 2012 [#9293] (*Acer*; *Aesculus*; *Cercis*; *Gleditsia*)

***Agrilus mashunus* Péringuey, 1908**

**Synonyms** *nero* Obenberger

**Leguminosae***Albizia brevifolia* Schinz {1}

BELLAMY et al., 1988 [#248] (as *nero*)

***Agrilus massanensis* Schaefer, 1955**

**Synonyms** *meridionalis* Cobos

***Salicaceae***

*Populus* {3}

COBOS, 1986 [#609] (as *meridionalis*) – VERDUGO PAÉZ, 1997! [#5255]  
(as *meridionalis*)

*Populus alba* L. {3}

ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2005! [#7286]

*Populus nigra* L. {3}

ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2005! [#7286]

*Salix alba* L. {2}

SCHAEFER, 1959 [#3284] – SCHAEFER, 1963 [#3591]

*Salix elaeagnos* Scop. {3}

SCHAEFER, 1955 [#2572] (as *Salix incana* Schrank) – SCHAEFER, 1961 [#3757]  
(as *Salix incana* Schrank) – SCHAEFER, 1963 [#3591] (as *Salix incana* Schrank) –  
SCHAEFER, 1972! [#2579] (as *Salix incana* Schrank)

*Salix purpurea* L. {2}

SCHAEFER, 1959 [#3284] – SCHAEFER, 1963 [#3591]

**Synopsis** SCHAEFER, 1955 [#2572] (*Salix incana*) – SCHAEFER, 1959 [#3284] (*Salix alba*; *Salix purpurea*) – SCHAEFER, 1961 [#3757] (*Salix incana*) – SCHAEFER, 1963 [#3591] (*Salix incana*; *S. alba*; *S. purpurea*) – SCHAEFER, 1972 [#2579] (*Salix incana*) – COBOS, 1986 [#609] (*Populus*) (as *meridionalis*) – VERDUGO PAÉZ, 1997 [#5255] (*Populus*) (as *meridionalis*) – VERDUGO PAÉZ, 2002 [#5794] (*Populus*) (as *meridionalis*) – ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2005 [#7286] (*Salix elaeagnos*; *Populus alba*; *Populus nigra*) – VERDUGO PAÉZ, 2005 [#7256] (*Salix*; *Populus*)

***Agrilus mastersii* MacLeay, 1872*****Leguminosae***

*Acacia harpophylla* Benth. {3}

CURLETTI, 2001 [#5025]

*Acacia leiocalyx* (Domin) Pedley {3}

HAWKESWOOD & PETERSON, 1982! [#9696] – HAWKESWOOD & PETERSON, 1982!  
[#1182]

**Synopsis** HAWKESWOOD & PETERSON, 1982 [#9696] (*Acacia leiocalyx*) – HAWKESWOOD & PETERSON, 1982 [#1182] (*Acacia leiocalyx*) – CURLETTI, 2001 [#5025] (*Acacia harpophylla* Benth.) – BELLAMY, 2002 [#5764] (*Acacia leiocalyx*; *A. harpophylla*) – BELLAMY et al., 2013 [#9486] (*Acacia leiocalyx*; *A. harpophylla*)

## ***Agrilus matacottai* Curletti & Dutto, 1999**

### ***Leguminosae***

*Acacia* {3}

CURLETTI & DUTTO, 1999! [#9059]

## ***Agrilus mediocris* Kerremans, 1900**

### ***Rutaceae***

*Citrus* {3}

CLAUSEN, 1933! [#7351]

**Synopsis** CLAUSEN, 1933 [#7351] (*Citrus*) – QUAYLE, 1938 [#7340] (*Citrus*) – MÜHLMANN, 1954 [#8152] (*Citrus*) – EBELING, 1959 [#9676] (*Citrus*) – BALACHOWSKY et al., 1962 [#96] (*Citrus*) – GARG, 1978 [#9207] (*Citrus*)

**Remarks** *Agrilus mediocris* is closely related to the species developing in *Citrus* like *A. livens* and *A. macellus*. *Citrus* is likely the larval host plant of this species.

## ***Agrilus melanocerus* Curletti, 2005**

### ***Leguminosae***

*Acacia melanoceras* Beurl. {1}

CURLETTI, 2005 [#7579]

## ***Agrilus meloni* Curletti, 1986**

### ***Tamaricaceae***

*Tamarix* {1}

CURLETTI, 1986 [#652] – MELONI, 1992 [#6079]

**Synopsis** CURLETTI, 1986 [#652] (*Tamarix*) – MELONI, 1992 [#6079] (*Tamarix*) – CURLETTI, 1994 [#658] (Chenopodiaceae)

**Remarks** The larval host of this species is uncertain. CURLETTI (1986) cited type specimens on *Tamarix*, but in 1994, he indicated a host from Chenopodiaceae.

## *Agrilus mendax* Mannerheim, 1837

**Synonyms** *bohemicus* Obenberger (unavailable)

## *Cannabaceae*

*Celtis australis* L. {0}

HALBHERR, 1894 [#1153]

## *Rosaceae*

*Crataegus* {0}

OBENBERGER, 1916 [#1983] (as *bohemicus*)

*Rosa* {0}

RUICANESCU, 1993 [#3257]

*Rosa canina* L. {0}

REY, 1891 [#3666]

*Rubus* {0}

RUICANESCU, 1993 [#3257]

*Sorbus* {3}

RIKHTER, 1945! [#3507] – HORION, 1955! [#1285] – ALEXEEV, 1958! [#3982] – PROKHOROV, 2009 [#9353] – FLOBMANN, 2010! [#9247]

*Sorbus aucuparia* L. {3}

BAROVSKIJ, 1908 [#8696] – KROGERUS, 1922! [#4128] – KROGERUS, 1925 [#3472] – KANGAS, 1947! [#3622] – TER MINASYAN, 1955 [#7893] – ALEXEEV, 1958! [#3227] – EHNSTRÖM, 1983! [#9617] – LUNDBERG, 1983! [#5958] – KEJVAL et al., 2006 [#8865] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – HEDGREN, 2009! [#8866] – NIEHUIS & PESCHEL, 2010! [#8911]

*Sorbus torminalis* (L.) Crantz {2}

TER MINASYAN, 1955 [#7893]

**Salicaceae***Salix* {0}

BAROVSKIJ, 1908 [#8696]

**Synopsis** REY, 1891 [#3666] (*Rosa canina*) – HALBHERR, 1894 [#1153] (*Celtis australis*) – BAROVSKIJ, 1908 [#8696] (*Sorbus*; *Salix*) – OBENBERGER, 1916 [#1983] (*Crataegus*) (as *bohemicus*) – KROGERUS, 1922 [#4128] (*Sorbus aucuparia*) (biology) – KROGERUS, 1925 [#3472] (*Sorbus aucuparia*) – RIKHTER, 1945 [#3507] (*Sorbus*) – KANGAS, 1947 [#3622] (*Sorbus aucuparia*) – PALM, 1951 [#9604] (*Sorbus aucuparia*) – MÜHLMANN, 1954 [#8152] (*Sorbus aucuparia*) – HORION, 1955 [#1285] (*Sorbus*; *S. aucuparia*) (biology) – TER MINASYAN, 1955 [#7893] (*Sorbus aucuparia*; *S. torminalis*) – ALEXEEV, 1958 [#3227] (*Sorbus aucuparia*) (biology) – ALEXEEV, 1958 [#3982] (*Sorbus*) (biology) – ALEXEEV, 1959 [#3229] (*Sorbus*) – ALEXEEV, 1961 [#3243] (*Sorbus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Sorbus*) – GURYEVA, 1974 [#5428] (*Sorbus*) – HELLRIGL, 1978 [#3442] (*Sorbus aucuparia*) – ALEXEEV, 1981 [#61] (*Sorbus*) – BÍLÝ, 1982 [#295] (*Sorbus*) (biology) – EHNSTRÖM, 1983 [#9617] (*Sorbus aucuparia*) (biology) – LUNDBERG, 1983 [#5958] (*Sorbus aucuparia*) (biology) – RUICANESCU, 1993 [#3257] (*Rubus*; *Rosa*) – CURLETTI, 1994 [#658] (*Sorbus aucuparia*) – RUICANESCU, 1995 [#3204] (*Rubus*; *Rosa*) – BÍLÝ, 1999 [#4478] (*Sorbus*) – BÍLÝ, 2002 [#5877] (*Sorbus aria*; *S. aucuparia*; *S. torminalis*) (biology) – YANYTSKY, 2003 [#9052] (*Sorbus*; *Celtis australis*) – KEJVAL et al., 2006 [#8865] (*Sorbus aucuparia*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Sorbus aucuparia*) (biology) – HEDGREN, 2009 [#8866] (*Sorbus aucuparia*) (biology) – PROKHOROV, 2009 [#9353] (*Sorbus*) – FLOBMANN, 2010 [#9247] (*Sorbus*) – NIEHUIS & PESCHEL, 2010 [#8911] (*Sorbus aucuparia*) (biology)

**Remarks** The only proven larval host of *A. mendax* is *Sorbus* (Rosaceae). Records from other Rosaceae refer to *A. sinuatus* or *A. cuprescens*, respectively. Record from *Celtis* refers most likely to *A. auricollis*.

**Agrilus metropolitanus Curletti, 2005****Malvaceae***Luehea seemanii* Triana & Planch {1}

CURLETTI, 2005 [#7579]

**Piperaceae***Piper reticulatum* L. {1}

CURLETTI, 2005 [#7579]



***Agrilus mimosae* Fisher, 1928*****Leguminosae***

*Acacia greggii* A. Gray {1}

KNULL, 1970 [#1573]

*Calliandra humilis* Benth. {1}

NELSON et al., 1981 [#1903]

*Mimosa borealis* A. Gray {1}

FISHER, 1928 [#980]

*Mimosa grahamii* A. Gray {1}

MACRAE & NELSON, 2003 [#5977]

**Synopsis** FISHER, 1928 [#980] (*Mimosa borealis*) – KNULL, 1970 [#1573] (*Acacia greggii*) – NELSON et al., 1981 [#1903] (*Calliandra humilis*) – MACRAE & NELSON, 2003 [#5977] (*Mimosa grahamii*; *M. borealis*; *Acacia greggii*) – NELSON et al., 2008 [#8377] (*Acacia*; *Calliandra*; *Mimosa*)

***Agrilus mixtus* Kerremans, 1892**

**Synonyms** *gardneri* Théry

***Leguminosae***

*Bauhinia vahlii* Wight & Arn. {3}

BEESON, 1941! [#178] (as *gardneri*)

*Millettia* {3}

BEESON, 1941! [#178] (as *gardneri*)

*Pueraria tuberosa* (Willd.) DC. {3}

BEESON, 1941! [#178] (as *gardneri*)

**Synopsis** THÉRY, 1928 [#2765] (*creeper*) (as *gardneri*) – GARDNER, 1929 [#3263] (*creeper*) (as *gardneri*) (biology) – BEESON, 1941 [#178] (*Bauhinia vahlii*; *Pueraria tuberosa*; *Millettia sp* and other climbers) (as *gardneri*) (biology)

***Agrilus moerens* Saunders, 1873**

**Synonyms** *rotundicollis* Saunders; *vladvostokanus* Obenberger (unavailable)

## **Fagaceae**

### *Quercus* {1}

KUROSAWA, 1963 [#1618] (as *rotundicollis*) – ALEXEEV, 1979 [#57]  
(as *vladivostokanus*)

### *Quercus acutissima* Carruth. {1}

KO, JE HO, 1969 [#9209] (as *rotundicollis*)

### *Quercus aliena* Blume {1}

KO, JE HO, 1969 [#9209] (as *rotundicollis*)

### *Quercus serrata* Murray {1}

AKIYAMA & OHMOMO, 1997 [#4091]

## **Leguminosae**

### *Caragana* {0}

CHEN, 1992 [#6192] (as *rotundicollis*)

## **Salicaceae**

### *Salix* {0}

CHEN, 1992 [#6192] (as *rotundicollis*)

**Synopsis** KUROSAWA, 1963 [#1618] (*Quercus*) (as *rotundicollis*) – KO, JE HO, 1969 [#9209] (*Quercus aliena*; *Q. acutissima*) (as *rotundicollis*) – ALEXEEV, 1979 [#57] (*Quercus*) (as *vladivostokanus*) – CHEN, 1992 [#6192] (*Salix*; *Caragana*) (as *rotundicollis*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus serrata*; *Q. acutissima*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus acutissima*)

## ***Agrilus mogadoricus mogadoricus* Escalera, 1914**

## **Leguminosae**

### *Cytisus balansae* (Boiss.) Ball {1}

THÉRY, 1930 [#2754]

### *Genista* {1}

ESCALERA, 1914 [#814]

### *Retama dasycarpa* Coss. {1}

THÉRY, 1930 [#2754]

**Synopsis** ESCALERA, 1914 [#814] (*Genista*) – THÉRY, 1930 [#2754] (*Genista*; *Retama dasycarpa*; *Cytisus balansae*)

***Agrilus mogadoricus talboti* Théry, 1930*****Leguminosae***

*Adenocarpus anagyriifolius* Cosson & Balansa (1873) {3}

PAGLIANO, 1986! [#6415]

*Genista* {3}

PAGLIANO, 1986! [#6415]

*Genista florida* L. {3}

CURLETTI & MAGNANI, 1991 [#3255]

**Synopsis** PAGLIANO, 1986 [#6415] (*Genista*; *Adenocarpus anagyriifolius*) –  
CURLETTI & MAGNANI, 1991 [#3255] (*Genista florida*)

***Agrilus monogrammus* Thomson, 1879**

**Synonyms** *kabakovi* Alexeev

***Fagaceae***

*Quercus* {1}

ALEXEEV, 1992 [#9302] (as *kabakovi*)

***Agrilus montosae* Barr, 2008*****Leguminosae***

*Prosopis* {1}

BARR, 2008 [#8188]

**Synopsis** BARR, 2008 [#8188] (*Prosopis*) – NELSON et al., 2008 [#8377] (*Prosopis*)

***Agrilus morawitzi* Obenberger, 1936**

**Synonyms** *pseudalbogularis* Alexeev (unavailable); *richteri* Alexeev

## ***Amaranthaceae***

*Krascheninnikovia* {3}

VOLKOVITSH & ALEXEEV, 1994 [#2974] (as *pseudalbogularis*) (as *Eurotia*)

*Krascheninnikovia ceratoides* (L.) Gueldenst. {3}

TLEPPAEVA, 2013! [#9532] (as *richteri*)

## ***Compositae***

*Artemisia* {0}

KRIVOSHEINA, 1976 [#8641] (as *richteri*)

*Artemisia dimoana* Popov {0}

KAPLIN, 1981! [#5853] (as *richteri*)

## ***Leguminosae***

*Caragana pygmaea* (L.) DC. {1}

ALEXEEV & VOLKOVITSH, 1989 [#3241] (as *richteri*)

**Synopsis** ALEXEEV, 1975 [#52] (*Eurotia ceratoides*) (as *richteri*) – KRIVOSHEINA, 1976 [#8641] (*Artemisia*) (as *richteri*) – KAPLIN, 1981 [#5853] (*Artemisia dimoana*) (as *richteri*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Ceratoides papposa*; *Caragana pygmaea*) (as *richteri*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Eurotia*) (as *pseudalbogularis*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Eurotia ceratoides*) (as *richteri*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Eurotia ceratoides*; ? *Caragana*) – TLEPPAEVA, 2013 [#9532] (*Krascheninnikovia ceratoides*) (as *richteri*)

**Remarks** The larval records for *Artemisia* refer most likely to *A. albogularis* or *A. sericans*.

## ***Agrilus moriscus* Obenberger, 1913**

### ***Leguminosae***

*Genista florida* L. {1}

ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2001 [#5094]

*Retama* {1}

VERDUGO PAÉZ, 2002 [#5794]

*Retama sphaerocarpa* (L.) Boiss. {1}

MURRIA BELTRÁN & MURRIA BELTRÁN, 2005 [#7591]

**Synopsis** ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2001 [#5094] (*Genista florida*) – VERDUGO PAÉZ, 2002 [#5794] (*Genista*; *Retama*) – MURRIA BELTRÁN & MURRIA BELTRÁN, 2005 [#7591] (*Retama sphaerocarpa*; *Genista florida*) – VERDUGO PAÉZ, 2005 [#7256] (*Retama*; *Genista*)

**Remarks** We failed to find larval host records for cited plants.

## ***Agrilus morobensis* Curletti, 2006**

### ***Fagaceae***

*Castanopsis* {1}

CURLETTI, 2006 [#7966]

*Lithocarpus* {1}

CURLETTI, 2006 [#7966]

## ***Agrilus motoinus* Obenberger, 1935**

### ***Cannabaceae***

*Celtis zenkeri* Engl. {3}

CURLETTI, 2000! [#4849]

## ***Agrilus muscarius* Kerremans, 1895**

### ***Leguminosae***

*Indigofera galegoides* DC. {1}

BAUDON, 1968 [#162]

**Synopsis** BAUDON, 1968 [#162] (*Indigofera galegoides*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Indigofera galegoides*)

## ***Agrilus mutabilis* Waterhouse, 1889**

### ***Leguminosae***

*Acacia* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}

WESTCOTT et al., 1990 [#3086] – WESTCOTT et al., 2008 [#8193]

**Synopsis** WESTCOTT et al., 1990 [#3086] (*Acacia pennatula*) – WESTCOTT & HESPENHEIDE, 2006 [#7908] (*Acacia*) – WESTCOTT et al., 2008 [#8193] (*Acacia pennatula*)

## ***Agrilus muticus* LeConte, 1858**

### ***Malvaceae***

*Callirhoe involucrata* (Torr. & A. Gray) A. Gray {1}

FISHER, 1928 [#980]

**Synopsis** FISHER, 1928 [#980] (*Callirhoe involucrata*) – NELSON et al., 2008 [#8377] (*Callirhoe involucrata*)

## ***Agrilus myops* Curletti, 1998**

### ***Leguminosae***

*Acacia tortilis* (Forssk.) Hayne {1}

CURLETTI, 1998 [#4514]

## ***Agrilus napatecutli* Fisher, 1938**

### ***Leguminosae***

*Acacia* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

## ***Agrilus navarrei* Baudon, 1965**

### ***Moraceae***

*Ficus religiosa* L. {1}

BAUDON, 1968 [#162]

***Agrilus nebulatus* Curletti, 2006*****Fagaceae***

*Castanopsis acuminatissima* (Blume) A. DC. {1}

CURLETTI, 2006 [#7966]

*Lithocarpus rufovillosus* (Markgr.) Rehder {1}

CURLETTI, 2006 [#7966]

***Lauraceae***

*Cryptocarya ledermannii* Teschner {1}

CURLETTI, 2006 [#7966]

***Podocarpaceae***

*Phyllocladus hypophyllus* Hook. f. {1}

CURLETTI, 2006 [#7966]

***Agrilus nelsonodaimio* Ohmomo, 2006*****Ericaceae***

*Rhododendron* {1}

OHMOMO, 2006 [#7546]

**Synopsis** OHMOMO, 2006 [#7546] (*Rhododendron*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Rhododendron*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Rhododendron*)

**Remarks** Ohmomo (2006) cited *Rhododendron* as a host plant without supporting data. It is not evident whether the species was reared from this plant.

***Agrilus neoprosopidus* Knull, 1938*****Leguminosae***

*Acacia* {3}

HESPENHEIDE, 1990! [#1229]

*Leucaena* {3}

HESPENHEIDE, 1990! [#1229]

*Leucaena pulverulenta* (Schltdl.) Benth. {3}

VOGT, 1949! [#2971] – MANLEY, 1977 [#1772] – MACRAE & NELSON, 2003! [#5977] (misidentified as *prosopidis*)

*Lysiloma* {3}

HESPENHEIDE, 1990! [#1229]

**Synopsis** VOGT, 1949 [#2971] (*Leucaena pulverulenta*) – MANLEY, 1977 [#1772] (*Leucaena pulverulenta*) – HESPENHEIDE, 1990 [#1229] (*Acacia*; *Lysiloma*; *Leucaena*) – MACRAE & NELSON, 2003 [#5977] (*Leucaena pulverulenta*) – NELSON et al., 2008 [#8377] (*Leucaena*)

***Agrilus nevadensis* Horn, 1891**

***Salicaceae***

*Populus* {1}

CHAMBERLIN, 1917 [#462]

*Populus tremuloides* Michx. {1}

CHAMBERLIN, 1926 [#468]

*Populus trichocarpa* Torr. & A. Gray {1}

CHAMBERLIN, 1926 [#468]

*Salix lucida* var. *lasiandra* (Benth.) Cronquist {1}

WESTCOTT, 1991 [#3085] (as *Salix lasiandra* Benth.)

**Synopsis** CHAMBERLIN, 1917 [#462] (*Populus*) – CHAMBERLIN, 1926 [#468] (*Populus tremuloides*; *P. trichocarpa*) – FISHER, 1928 [#980] (*Populus tremuloides*; *P. trichocarpa*) – WESTCOTT, 1991 [#3085] (*Salix lasiandra*) – NELSON et al., 2008 [#8377] (*Salix lucida lasiandra*)

***Agrilus nicolanus* Obenberger, 1924**

***Fagaceae***

*Quercus* {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

***Ulmaceae***

*Ulmus* {1}

OHMOMO & FUKUTOMI, 2013 [#9491]



***Agrilus nigeriae* Obenberger, 1935*****Leguminosae***

*Parkia biglobosa* (Jacq.) G. Don {3}  
 CURLETTI & VAYSSIÈRES, 2007! [#8004]

***Agrilus nigricans* Gory, 1841**

**Synonyms** *auricomus* Frost

***Fagaceae***

*Quercus rubra* L. {1}  
 FROST, 1920 [#9185] (as *auricomus*)

**Synopsis** FROST, 1920 [#9185] (*Quercus rubra*) (as *auricomus*) – CHAMBERLIN, 1926 [#468] (*Quercus rubra*) (as *auricomus*) – FISHER, 1928 [#980] (*Quercus rubra*) (as *auricomus*) – BRIGHT, 1987 [#379] (*Quercus*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus rubra*) – NELSON et al., 2008 [#8377] (*Quercus*) – PAIERO et al., 2012 [#9293] (*Quercus*)

***Agrilus nipponigena* Obenberger, 1935**

**Synonyms** *melanolucidus* Ohmomo

***Ebenaceae***

*Diospyros kaki* Thunb. {1}  
 KUROSAWA, 1963 [#1618]  
*Diospyros lotus* L. {1}  
 AKIYAMA & OHMOMO, 1997 [#4091]

***Salicaceae***

*Salix* {1}  
 OHMOMO, 2005 [#7253] (as *melanolucidus*)  
*Salix babylonica* L. {1}  
 HUA LI ZHONG, 2002 [#6696] (as *Salix matsudana* Koidz.)

**Synopsis** KUROSAWA, 1963 [#1618] (*Diospyros kaki*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Diospyros kaki*; *D. lotus*) – HUA LI ZHONG, 2002 [#6696] (*Salix matsudana*) – OHMOMO, 2005 [#7253] (?*Salix*) (as *melanolucidus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Diospyros kaki*; *D. lotus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Diospyros kaki*; *D. lotus*)

## *Agrilus niveoguttatus* Kerremans, 1892

### *Fagaceae*

*Quercus floribunda* Lindl. ex A. Camus {3}

BEESON, 1941! [#178] (as *Quercus dilatata* Lindl. ex A. DC.)

## *Agrilus niveosignatus* Obenberger, 1914

**Synonyms** *erojlandusicus* Alexeev (unavailable)

### *Amaranthaceae*

*Salsola* {3}

VOLKOVITSH & ALEXEEV, 1994 [#2974] (as *erojlandusicus*)

*Salsola richteri* (Moq.) Karel ex Litv. {3}

VOLKOVITSH & ALEXEEV, 1992! [#2973] (as *erojlandusicus*)

### *Leguminosae*

*Acacia* {1}

HALPERIN & ARGAMAN, 2000! [#5124]

**Synopsis** VOLKOVITSH & ALEXEEV, 1992 [#2973] (?*Salsola richteri*) (as *erojlandusicus*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Salsola*) (as *erojlandusicus*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Acacia*)

**Remarks** The host record for *Acacia* from Israel refers likely to another *Agrilus* species because *Acacia* is not growing on the type locality of *A. niveosignatus* and Israel is outside of the distributional range of *A. niveosignatus*.

***Agrilus nivosus* Abeille de Perrin, 1900**

**Synonyms** *kuldjensis* Obenberger

***Anacardiaceae***

*Pistacia* {0}

TER MINASYAN, 1955 [#7893] – GURYEVA, 1974! [#5428]

***Compositae***

*Artemisia* {3}

ALEXEEV & VOLKOVITSH, 1989! [#3241] (as *kuldjensis*)

**Synopsis** TER MINASYAN, 1955 [#7893] (*Pistacia*) – GURYEVA, 1974 [#5428] (*Pistacia*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Artemisia*) (as *kuldjensis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Artemisia*)

**Remarks** *Agrilus nivosus* belongs to *A. albogularis* species-group, members of which develop in *Compositae*. Records for *Pistacia* are misidentifications.

***Agrilus njugunai* Curletti & Sakalian, 2009*****Leguminosae***

*Acacia* {1}

CURLETTI & SAKALIAN, 2009 [#8792]

***Agrilus nodifrons* Waterhouse, 1889*****Boraginaceae***

*Cordia curassavica* (Jacq.) Roem. & Schult. {1}

MACRAE & BELLAMY, 2013 [#9711] (as *Varronia curassavica* Jacq.)

***Agrilus nubeculosus deserticola* Descarpentries  
& Bruneau de Miré, 1963**

***Leguminosae***

*Acacia sieberiana* DC. {3}

CURLETTI & VAYSSIÈRES, 2007! [#8004]

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963! [#717] (as *Acacia raddiana* (Savi) Brenan) – MATEU, 1972! [#4794] (as *Acacia raddiana* (Savi) Brenan)

***Agrilus nubeculosus nubeculosus* Fairmaire, 1891**

***Leguminosae***

*Acacia* {3}

BÍLÝ, 1971 [#327] – VOLKOVITSH, 2004! [#7001]

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {2}

DESCARPENTRIES, 1958 [#728] (as *Acacia raddiana* (Savi) Brenan)

**Synopsis** DESCARPENTRIES, 1958 [#728] (*Acacia raddiana*) – BÍLÝ, 1971 [#327] (*Acacia*) – VOLKOVITSH, 2004 [#7001] (*Acacia*)

***Agrilus oblongus* Fisher, 1928**

***Cannabaceae***

*Celtis* {1}

PECK & THOMAS, 1998 [#6171]

*Celtis occidentalis* L. {1}

MACRAE & BASHAM, 2013 [#9563]

***Vitaceae***

*Vitis* {3}

MACRAE, 2006! [#7542]

**Synopsis** PECK & THOMAS, 1998 [#6171] (*Celtis*) – MACRAE, 2006 [#7542] (*Vitis*) – NELSON et al., 2008 [#8377] (*Vitis*; *Celtis*) – PAIERO et al., 2012 [#9293] (*Vitis*) – MACRAE & BASHAM, 2013 [#9563] (*Celtis occidentalis*)

***Agrilus obolinus* LeConte, 1860*****Cannabaceae****Celtis* {1}

KNULL, 1944 [#1546]

*Celtis laevigata* var. *reticulata* (Torr.) Benson {1}

MACRAE &amp; NELSON, 2003 [#5977]

***Compositae****Baccharis salicina* Torr. & A. Gray {1}BOLDT & ROBBINS, 1990 [#9732] (as *Baccharis salicifolia* (Ruiz & Pav.) Pers.)***Ulmaceae****Ulmus* {1}

FISHER, 1928 [#980]

**Synopsis** FISHER, 1928 [#980] (*Ulmus*) – KNULL, 1944 [#1546] (*Celtis*) – BOLDT & ROBBINS, 1990 [#9732] (*Baccharis salicifolia*) – MACRAE & NELSON, 2003 [#5977] (*Celtis laevigata* var. *reticulata*) – NELSON et al., 2008 [#8377] (*Baccharis*; *Celtis*; *Ulmus*)

***Agrilus obrienorum* Hesperheide, 2009*****Leguminosae****Acacia pennatula* (Schltdl. & Cham.) Benth. {1}

HESPERHEIDE, 2009 [#9314]

***Agrilus obscurecinctus* Obenberger, 1935****Synonyms** *motobuanus* Fukutomi

## ***Sapindaceae***

*Acer oblongum* Wall. ex DC. {1}

FUKUTOMI, 2006 [#8597] (as *motobuanus*) (as *Acer oblongum* var. *itoanum* Hayata)

**Synopsis** FUKUTOMI, 2006 [#8597] (*Acer oblongum itoanum*) (as *motobuanus*) – JENDEK, 2013 [#9342] (*Acer oblongum itoanum*)

## ***Agrilus obscuricollis* Kiesenwetter, 1857**

**Synonyms** *jirnensis* Obenberger (unavailable); *obscurus* Bauduer (unavailable); *reyi* Bauduer; *savalaе* Stark

## ***Betulaceae***

*Betula* {1}

NIEHUIS, 1974 [#3629]

*Betula pendula* Roth. {1}

ŠKORPÍK et al., 2011 [#9173]

*Betula pubescens* var. *pubescens* Ehrh. {1}

BEDEL, 1921 [#170] (as *Betula alba* L.)

*Carpinus* {1}

BAUDUER, 1878 [#165] (as *reyi*)

*Corylus* {1}

GALIBERT, 1932 [#8312]

*Corylus avellana* L. {1}

ŠKORPÍK et al., 2011 [#9173]

## ***Fagaceae***

*Castanea* {1}

GOBBI, 1986 [#1100]

*Quercus* {3}

BAUDUER, 1878 [#165] (as *reyi*) – BAUDUER, 1878 [#165] – GOBERT, 1878 [#5294] (as *reyi*) – DELHERM DE LARCENNE, 1885 [#3924] (as *reyi*) – DELHERM DE LARCENNE, 1885 [#3924] (as *obscurus*) – DELHERM DE LARCENNE, 1885 [#3924] – IL'INSKIJ, 1948! [#5670] – SCHAEFER, 1949 [#3285] – STARK, 1953! [#3534] (as *savalaе*) – FRANZ,

1974 [#4334] – HELLRIGL, 1974 [#1207] – VOLKOVITSH, 1977! [#2985] – STUMPF et al., 2001 [#5788] – SAKALIAN, 2003 [#5826] – NIEHUIS, 2004! [#6762] – VOLKOVITSH, 2004 [#7001] – PROKHOROV, 2009 [#9353]

*Quercus cerris* L. {3}

GOBBI, 1971 [#1092] – GOBBI, 1973 [#1093] – GOBBI, 1986 [#1100]

*Quercus ilex* L. {2}

SCHAEFER, 1949 [#2565] – NOVAK, 1964 [#6567] (as *jirnensis*) – NOVAK, 1964 [#6567]

*Quercus petraea* (Matt.) Liebl. {3}

BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004 [#6762]

*Quercus pubescens* Willd. {2}

SCHAEFER, 1949 [#2565]

*Quercus robur* L. {3}

SCHAEFER, 1933 [#7497] – SCHAEFER, 1949 [#2565] – BRECHTEL & KOSTENBADER, 2002! [#5766] – VOLODCHENKO, 2013! [#9639]

*Quercus suber* L. {3}

TERENT'EV & STOLYAROVA, 1989! [#7869]

## ***Moraceae***

*Ficus carica* L. {2}

CONTARINI, 1983! [#621]

## ***Rosaceae***

*Rubus* {0}

RAPP, 1934 [#8272]

## ***Sapindaceae***

*Acer* {0}

BAUDUER, 1878 [#165]

*Acer campestre* L. {0}

CURLETTI, 1980 [#641]

**Synopsis** BAUDUER, 1878 [#165] (*Quercus*; *Acer*) – BAUDUER, 1878 [#165] (*Quercus*; *Carpinus*) (as *reysi*) – GOBERT, 1878 [#5294] (*Quercus*) (as *reysi*) (biology) – GOBERT, 1878 [#5294] (*Quercus*) (as *obscurus*) – GOBERT, 1878 [#5294] (*Corylus*; *Quercus*) – BAUDUER, 1883 [#5143] (*Quercus*; *Carpinus*; *Acer*) – BAUDUER, 1883

[#5143] (*Quercus*; *Carpinus*) (as *reyi*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) (as *reyi*) – DELHERM DE LARCENNE, 1885 [#3924] (*Quercus*) (as *obscurus*) – CAILLOL, 1913 [#4053] (*Quercus pubescens*; *Carpinus*; *Acer*) – BEDEL, 1921 [#170] (*Quercus robur*; *Betula alba*) (biology) – GALIBERT, 1932 [#8312] (*Corylus*) – SCHAEFER, 1933 [#7497] (*Quercus robur*) – RAPP, 1934 [#8272] (*Rubus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – IL'INSKIJ, 1948 [#5670] (*Quercus*) – SCHAEFER, 1949 [#3285] (*Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus robur*; *Q. pubescens*; *Quercus ilex*) (biology) – STARK, 1953 [#3534] (*Quercus*) (as *savalaе*) – HORION, 1955 [#1285] (*Quercus*; *Carpinus*) (biology) – TER MINASYAN, 1955 [#7893] (*Quercus*) (as *savalaе*) – TER MINASYAN, 1955 [#7893] (*Quercus*) – SLIVKINA, 1958 [#8660] (*Betula*) – IL'INSKIJ, 1962 [#8685] (*Quercus*) – ZAGAIKEVICH, 1962 [#3249] (*Quercus*) (biology) – NOVAK, 1964 [#6567] (*Quercus ilex*) – NOVAK, 1964 [#6567] (*Quercus ilex*) (as *jirrensis*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*; ?*Acer*; ?*Betula*) – GOBBI, 1971 [#1092] (*Quercus cerris*) – GOBBI, 1973 [#1093] (*Quercus cerris*) – FRANZ, 1974 [#4334] (*Quercus*) – HELLRIGL, 1974 [#1207] (*Quercus*) – NIEHUIS, 1974 [#3629] (*Betula*) – VOLKOVITSH, 1977 [#2985] (*Quercus*) – CURLETTI, 1980 [#641] (*Acer campestre*) – ALEXEEV, 1981 [#61] (*Quercus*) – CONTARINI, 1983 [#621] (*Ficus carica*) (biology) – GOBBI, 1986 [#1100] (*Quercus*; *Castanea*; *Acer*; *Ficus*) (biology) – NIEHUIS, 1988 [#1912] (*Quercus*) (biology) – TERENT'EV & STOLYAROVA, 1989 [#7869] (*Quercus suber*) – CURLETTI, 1994 [#658] (*Ficus*; *Quercus*) – STUMPF et al., 2001 [#5788] (*Quercus*) – BÍLÝ, 2002 [#5877] (*Carpinus betulus*; *Quercus petraea*; *Q. pubescens*; *Q. robur*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus robur*; *Q. petraea*) (biology) – SAKALIAN, 2003 [#5826] (*Quercus*) – YANYTSKY, 2003 [#9052] (*Quercus*; *Carpinus*) – NIEHUIS, 2004 [#6762] (*Quercus*) (biology) – VOLKOVITSH, 2004 [#7001] (*Quercus*) – MÜHLE, 2007 [#8787] (*Quercus*) – PROKHOROV, 2009 [#9353] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Carpinus*; *Quercus*) – ŠKORPÍK et al., 2011 [#9173] (*Corylus avellana*; *Betula pendula*) (biology) – VOLODCHENKO, 2013 [#9639] (*Quercus robur*)

**Remarks** The primary larval host of *A. obscuricollis* is *Quercus* but this species was reared also from *Ficus carica*. The adult records for Fagaceae (*Castanea*) and Betulaceae (*Corylus*, *Carpinus* and *Betula*) need confirmation, other cited host records are most likely false.

## *Agrilus obscurilineatus* Vogt, 1949

### *Cupressaceae*

*Juniperus flaccida* Schltdl. {1}

MACRAE & NELSON, 2003 [#5977]



***Leguminosae***

*Acacia greggii* A. Gray {1}

MACRAE, 2006 [#7542]

*Acacia rigidula* Benth. {1}

VOGT, 1949 [#2971] – VOGT, 1949 [#2970]

**Synopsis** VOGT, 1949 [#2971] (*Acacia rigidula*) – VOGT, 1949 [#2970] (*Acacia rigidula*) – MACRAE & NELSON, 2003 [#5977] (*Juniperus flaccida*) – MACRAE, 2006 [#7542] (*Acacia greggii*) – NELSON et al., 2008 [#8377] (*Acacia; Juniperus*)

***Agrilus observans* Waterhouse, 1889*****Leguminosae***

*Acacia melanoceras* Beurl. {1}

CURLETTI, 2005 [#7579]

***Agrilus obsoletoguttatus* Gory, 1841**

**Synonyms** *interruptus* LeConte

***Betulaceae***

*Betula* {3}

HARRINGTON, 1897 [#5472] (as *interruptus*)

*Betula lenta* L. {3}

KNULL, 1922! [#1509] – FISHER, 1928! [#980]

*Carpinus caroliniana* Walter {3}

KNULL, 1920! [#1508] – FISHER, 1928! [#980]

*Ostrya virginiana* (Mill.) K. Koch {3}

KNULL, 1920! [#1508] – FISHER, 1928! [#980]

***Cannabaceae***

*Celtis occidentalis* L. {1}

MACRAE, 1991 [#1760]

## ***Ebenaceae***

*Diospyros virginiana* L. {1}

MACRAE, 1991 [#1760]

## ***Fagaceae***

*Fagus* {3}

HARRINGTON, 1897 [#5472] (as *interruptus*) – KNULL, 1922! [#1509]

*Fagus grandifolia* ssp. *grandifolia* Ehrh. {3}

KNULL, 1920! [#1508] (as *Fagus americana* (Pers.) Sweet) – FISHER, 1928! [#980] (as *Fagus americana* (Pers.) Sweet)

*Fagus sylvatica* L. {3}

MACRAE, 1991! [#1760] – MACRAE, 2006! [#7542]

*Quercus* {3}

BLANCHARD, 1889 [#345] (as *interruptus*) – STROMBERG, 1894 [#7662] – CHITTENDEN, 1900 [#5334] (as *interruptus*) – NICOLAY, 1919 [#1908]

*Quercus alba* L. {2}

MACRAE, 1991 [#1760]

*Quercus imbricaria* Michx. {2}

MACRAE, 1991 [#1760]

*Quercus marilandica* (L.) Münchh. {2}

MACRAE, 1991 [#1760]

*Quercus palustris* Münchh. {2}

MACRAE, 1991 [#1760]

*Quercus prinoides* Willd. {3}

MACRAE & NELSON, 2003! [#5977]

*Quercus rubra* L. {3}

FROST & WEISS, 1920 [#9782] – KNULL, 1920! [#1508] – FISHER, 1928! [#980] – WEBSTER & DEMERCHANT, 2012 [#9279]

*Quercus velutina* Lam {2}

MACRAE, 1991 [#1760]

## ***Juglandaceae***

*Carya* {3}

FISHER, 1928! [#980] (as *Hicoria*)

*Juglans cinerea* L. {1}

BARRETT, 1932 [#4940]

*Juglans nigra* L. {1}

BARRETT, 1932 [#4940] – MACRAE, 1991 [#1760]

***Leguminosae****Gleditsia triacanthos* L. {3}

MACRAE, 2006! [#7542]

***Salicaceae****Salix* {3}

MACRAE, 1991! [#1760]

***Sapindaceae****Acer saccharum* Marshall {1}

MACRAE, 1991 [#1760]

*Aesculus glabra* Willd. {3}

KNULL, 1944! [#1546]

*Aesculus pavia* L. {3}

MACRAE, 2006! [#7542]

***Ulmaceae****Ulmus americana* L. {1}

MACRAE, 1991 [#1760]

*Ulmus rubra* Muhl. {1}

MACRAE, 1991 [#1760]

**Synopsis** BLANCHARD, 1889 [#345] (*Quercus*) (as *interruptus*) – STROMBERG, 1894 [#7662] (*Quercus*) – HARRINGTON, 1897 [#5472] (*Fagus*) (as *interruptus*) – CHITTENDEN, 1900 [#5334] (*Quercus*) – CHITTENDEN, 1900 [#5334] (*Quercus*) (as *interruptus*) – NICOLAY, 1919 [#1908] (*Quercus*) – FROST & WEISS, 1920 [#9782] (*Fagus*; *Quercus*; *Carpinus*; *Ostrya*; *Carya*; *Betula*; *Quercus rubra*) – KNULL, 1920 [#1508] (*Fagus americana*; *Carpinus caroliniana*; *Ostrya virginiana*; *Quercus rubra*; *Carya*) – KNULL, 1922 [#1509] (*Fagus*; *Betula lenta*) – MUTCHLER & WEISS, 1922 [#1858] (*Fagus americana*; *Carpinus caroliniana*; *Ostrya virginiana*; *Quercus rubra*; *Carya*; *Betula*; *Quercus rubra*) – CHAMBERLIN, 1926 [#468] (*Fagus americana*; *Betula lenta*; *Quercus rubra*; *Q. imbricaria*; *Carpinus caroliniana*; *Ostrya virginiana*; *Hickoria*) – FISHER, 1928 [#980] (*Fagus grandiflora*; *F. americana*; *Carpinus caroliniana*; *Ostrya virginiana*; *Quercus rubra*; *Hicoria*; *Betula lenta*) – FISHER & NICOLAY, 1928 [#9786] (*Fagus*; *Ostrya*; *Quercus*; *Carya*;

*Betula* – BARRETT, 1932 [#4940] (*Juglans nigra*; *J. cinerea*) – DOANE et al., 1936 [#7341] (*Fagus*; *Betula*; *Ostrya*; *Quercus*; *Carya*) – KNULL, 1944 [#1546] (*Aesculus glabra*) – STEIN & KENNEDY, 1972 [#9733] (*Quercus*) – BRIGHT, 1987 [#379] (*Fagus*; *Carpinus*; *Ostrya*; *Quercus*; *Hicoria*; *Betula*) – MACRAE, 1991 [#1760] (*Acer*; *Celtis*; *Diospyros*; *Juglans*; *Quercus*; *Ulmus*; *Fagus americana* [misidentification of *F. sylvatica* according to MACRAE, 2006 [#7542]]; *Salix*) – DOWNIE & ARNETT, 1996 [#6170] (*Fagus*; *Betula*; *Carya*; *Quercus*) – MACRAE & NELSON, 2003 [#5977] (*Quercus prinoides*) – MACRAE, 2006 [#7542] (*Gleditsia triacanthos*; *Aesculus pavia*; *Fagus sylvatica*) – NELSON et al., 2008 [#8377] (*Aesculus*; *Betula*; *Carpinus*; *Carya*; *Fagus*; *Gleditsia*; *Ostrya*; *Quercus*) – PAIERO et al., 2012 [#9293] (*Quercus*; *Aesculus*; *Betula*; *Carpinus*; *Carya*; *Fagus*; *Gleditsia*; *Ostrya*) – WEBSTER & DEMERCHANT, 2012 [#9279] (*Quercus rubra*)

## ***Agrilus obtusus* Horn, 1891**

### ***Leguminosae***

*Cassia* {3}

NELSON, 1967 [#1874]

*Senna lindheimeriana* (Scheele) H. S. Irwin & Barneby {3}

MANLEY, 1977! [#1772] (as *Cassia lindheimeriana* Scheele)

*Senna roemeriana* (Scheele) H. S. Irwin & Barneby {3}

NELSON et al., 1981 [#1903] (as *Cassia roemeriana* Scheele)

**Synopsis** NELSON, 1967 [#1874] (*Cassia*) – MANLEY, 1977 [#1772] (*Cassia lindheimeriana*) – NELSON et al., 1981 [#1903] (*Cassia roemeriana*) – NELSON et al., 2008 [#8377] (*Senna*)

## ***Agrilus occipitalis* (Eschscholtz, 1822)**

**Synonyms** *marmoreus* Deyrolle; *nirius* Obenberger

### ***Rutaceae***

*Citrus* {3}

TAN, 1925! [#7352] – CLAUSEN, 1933! [#7351] – KALSHOVEN, 1951! [#3718]

(as *nirius*) – MÜHLMANN, 1954! [#8152] (as *nirius*) – MÜHLMANN, 1954! [#8152]

(as *marmoreus*) – BALACHOWSKY et al., 1962! [#96] (as *marmoreus*) –

MACABASCO, 1964! [#5843] – ANONYMOUS, 1969! [#6733] – YOSHIKAWA et al., 1969! [#8923] – CURLETTI, 2001! [#5025] (as *marmoreus*)

*Citrus aurantiifolia* (Christm.) Swingle {3}

ANONYMOUS, 1971! [#6732]

*Citrus maxima* (Burm.) Osbeck {3}

HAWKESWOOD & TURNER, 1994! [#1175] (as *Citrus grandis* (L.) Osbeck)

*Citrus microcarpa* Bunge {3}

JACKMAN, 1987! [#1316]

*Citrus sinensis* (L.) Osbeck {3}

HAWKESWOOD & TURNER, 1994! [#1175]

**Synopsis** TAN, 1925 [#7352] (*Citrus*) – CLAUSEN, 1933 [#7351] (*Citrus*) – QUAYLE, 1938 [#7340] (*Citrus*) (biology) – KALSHOVEN, 1951 [#3718] (*Citrus*) (as *nirius*) (biology) – MÜHLMANN, 1954 [#8152] (*Citrus*) – MÜHLMANN, 1954 [#8152] (*Citrus*) (as *nirius*) – MÜHLMANN, 1954 [#8152] (*Citrus*) (as *marmoreus*) – EBELING, 1959 [#9676] (*Citrus*) – BALACHOWSKY et al., 1962 [#96] (*Citrus*) – BALACHOWSKY et al., 1962 [#96] (*Citrus*) (as *marmoreus*) – MACABASCO, 1964 [#5843] (*Citrus*) (biology) – ANONYMOUS, 1969 [#6733] (*Citrus*) – YOSHIKAWA et al., 1969 [#8923] (*Citrus*) – ANONYMOUS, 1971 [#6732] (*Citrus aurantifolia*) – BALTAZAR & SALAZAR, 1979 [#5842] (*Citrus*) (biology) – JACKMAN, 1987 [#1316] (*Citrus microcarpa*) – HAWKESWOOD & TURNER, 1994 [#1175] (*Citrus aurantifolia*; *C. sinensis*; *C. grandis*) (biology) – CURLETTI, 2001 [#5025] (*Citrus*) (as *marmoreus*) – BELLAMY, 2002 [#5764] (*Citrus*) (as *marmoreus*) – HILL, 2008 [#8600] (*Citrus*) – BELLAMY et al., 2013 [#9486] (*Citrus aurantiaca*; *C. maxima*; *C. sinensis*) – JENDEK, 2013 [#9278] (*Citrus*)

## ***Agrilus oceanicus* Cobos, 1959**

### ***Leguminosae***

*Senna obtusifolia* (L.) H. S. Irwin & Barneby {1}

SUJII et al., 1996 [#7150]

## ***Agrilus ocularius* Curletti, 1998**

### ***Cannabaceae***

*Celtis zenkeri* Engl. {3}

CURLETTI, 1998! [#4514] – CURLETTI, 2000 [#4849]

## ***Agrilus ohioensis* Knull, 1951**

### ***Betulaceae***

*Carpinus caroliniana* Walter {3}

NELSON & MACRAE, 1990! [#1864] – WELLSO & JACKMAN, 2006 [#7548]

### ***Ulmaceae***

*Ulmus alata* Michx. {1}

NELSON et al., 1981 [#1903]

**Synopsis** NELSON et al., 1981 [#1903] (*Ulmus alata*) – NELSON & MACRAE, 1990 [#1864] (*Carpinus carolinia*) – MACRAE, 2003 [#5976] (*Carpinus*) – WELLSO & JACKMAN, 2006 [#7548] (*Carpinus caroliniana*) – NELSON et al., 2008 [#8377] (*Carpinus*; *Ulmus*) – PAIERO et al., 2012 [#9293] (*Carpinus caroliniana*)

## ***Agrilus okinawensis okinawensis* Miwa, 1933**

### ***Euphorbiaceae***

*Mallotus japonicus* (L. f.) Müll. Arg. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

### ***Leguminosae***

*Pongamia pinnata* (L.) Pierre {3}

TÔYAMA, 1985 [#2924] – MAKIHARA, 2005! [#8581]

**Synopsis** TÔYAMA, 1985 [#2924] (*Pongamia pinnata*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Pongamia pinnata*; *Mallotus japonicus*) – MAKIHARA, 2005 [#8581] (*Pongamia pinnata*) (biology) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Mallotus japonicus*; *Pongamia pinnata*)

## ***Agrilus okinawensis shiozakii* Tôyama, 1985**

### ***Malvaceae***

*Hibiscus* {1}

TÔYAMA, 1985! [#2924] – OHMOMO & FUKUTOMI, 2013 [#9491]

**Synopsis** TÔYAMA, 1985 [#2924] (*Hibiscus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Hibiscus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Hibiscus*)

***Agrilus olentangyi* Champlain & Knull, 1925*****Anacardiaceae***

*Rhus glabra* L. {3}  
 MACRAE, 2006! [#7542]

***Cannabaceae***

*Celtis occidentalis* L. {1}  
 NELSON & WESTCOTT, 1976 [#1861]  
*Celtis tenuifolia* Nutt. {1}  
 NELSON & MACRAE, 1990 [#1864]

***Fagaceae***

*Quercus* {1}  
 FISHER, 1928 [#980] – NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** FISHER, 1928 [#980] (*Quercus*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus*; *Celtis occidentalis*) – WELLSO et al., 1976 [#3079] (*Celtis*) – BRIGHT, 1987 [#379] (*Celtis*; *Quercus*) – NELSON & MACRAE, 1990 [#1864] (*Celtis tenuifolia*) – MACRAE, 1991 [#1760] (*Celtis occidentalis*; *C. tenuifolia*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*) – MACRAE, 2006 [#7542] (*Rhus glabra*) – NELSON et al., 2008 [#8377] (*Rhus*; *Celtis*; *Quercus*) – PAIERO et al., 2012 [#9293] (*Rhus*)

***Agrilus olivaceidorsis* Obenberger, 1917**

**Synonyms** *duporti* Bourgoin

***Rutaceae***

*Citrus* {1}  
 BAUDON, 1968 [#162] (as *duporti*)

**Synopsis** BAUDON, 1968 [#162] (*Citrus*) (as *duporti*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Citrus*)

**Remarks** *Agrilus olivaceidorsis* is reported by a single adult host from *Citrus* which is likely also the larval host because this species belongs to the group of species developing in *Citrus*.

### ***Agrilus olivaceoaeneus* Hespeneide, 1990**

#### ***Leguminosae***

*Acacia* {1}

HESPENHEIDE, 1990 [#1229]

### ***Agrilus olivaceocupreus* Hespeneide, 1990**

#### ***Capparaceae***

*Forchhammeria pallida* Liebm. {1}

HESPENHEIDE, 1990 [#1229]

#### ***Leguminosae***

*Hesperalbizia occidentalis* (Brandegee) Barneby & J. W. Grime {1}

HESPENHEIDE, 1990 [#1229] (as *Albizia occidentalis* Brandegee)

### ***Agrilus olivaceoniger* Fisher, 1928**

#### ***Betulaceae***

*Betula lenta* L. {1}

FISHER, 1928 [#980]

#### ***Fagaceae***

*Quercus ilicifolia* Wangerh. {1}

HESPENHEIDE, 1979 [#3447]

**Synopsis** FISHER, 1928 [#980] (*Betula lenta*) – HESPENHEIDE, 1979 [#3447] (*Quercus ilicifolia*) – DOWNIE & ARNETT, 1996 [#6170] (*Populus*; *Betula lenta*) – NELSON et al., 2008 [#8377] (*Betula*; *Quercus*) – PAIERO et al., 2012 [#9293] (*Betula*; *Quercus*)



***Agrilus oliveri* Niehuis, 1989*****Salicaceae****Salix cinerea* L. {3}

NIEHUIS, 1989 [#1913] – NIEHUIS &amp; TEZCAN, 1993! [#1910]

**Synopsis** NIEHUIS, 1989 [#1913] (*Salix cinerea*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Salix cinerea*)***Agrilus olivicolor* Kiesenwetter, 1857****Synonyms** *sexualis* Abeille de Perrin***Amaranthaceae****Chenopodium* {0}HEYDEN, 1904 [#5717] (as *sexualis*) – SCHAUFUSS, 1911 [#5282] (as *sexualis*)***Betulaceae****Betula pendula* Roth. {1}

BRECHTEL &amp; KOSTENBADER, 2002 [#5766]

*Carpinus* {3}

WEST, 1840! [#8781] – STIERLIN &amp; GAUTARD, 1869! [#8271] – BAUDUER, 1878 [#165] – DELHERME DE LARZENNE, 1885 [#3924] – HEYDEN, 1897 [#5286] – HEYDEN, 1904! [#5717] – CARPENTIER &amp; DELABY, 1908 [#7378] – ABOT, 1928 [#8304] – POMERANCEV, 1938! [#4977] – SCHAEFER, 1949 [#2565] – PADJ, 1956! [#8601] – ZAGAIKEVICH, 1957! [#4976] – PADJ, 1960! [#8628] – NIEHUIS, 1974 [#3629]

*Carpinus betulus* L. {3}

ROGER, 1856 [#7468] – BEDEL, 1921! [#170] – STARÝ, 1934! [#8604] – SIMON, 1966 [#3266] – Niehuis, 1988! [#1912] – RUICANESCU, 1993 [#3257] – BRECHTEL &amp; KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – GUTOWSKI &amp; MILKOWSKI, 2008 [#8244] – ŠKORPÍK et al., 2011! [#9173]

*Corylus* {3}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716] – BAUDUER, 1878 [#165] – HEYDEN, 1904 [#5717] – DAEHNE, 1912 [#3609] – ABOT, 1928 [#8304] – RAPP, 1934 [#8272] – POMERANCEV, 1938! [#4977] – SCHAEFER, 1949 [#2565] – HORION, 1955! [#1285] – SCHAEFER, 1959 [#3756] – NIEHUIS, 1974 [#3629] – NIEHUIS, 2004 [#6762]

*Corylus avellana* L. {3}

SIMON, 1966 [#3266] – HELLRIGL, 1978! [#3442] – RUICANESCU, 1993 [#3257] –  
BASELGA & NOVOA, 2000 [#5620] – BRECHTEL & KOSTENBADER, 2002! [#5766] –  
GUTOWSKI & MILKOWSKI, 2008 [#8244] – MORAGLIO et al., 2013 [#9645]

***Fagaceae***

*Castanea sativa* Mill. {1}

SCHIMITSCHEK, 1944 [#3523] (as *Castanea vesca* Gaertn.)

*Fagus* {1}

GOBBI, 1970 [#1091]

*Fagus sylvatica* L. {1}

GOBBI, 1971 [#1092] – GOBBI, 1986 [#1100] – GUTOWSKI & MILKOWSKI, 2008  
[#8244]

*Quercus* {1}

GOBERT, 1878 [#5294] – DELHERM DE LARCENNE, 1885 [#3924] – HEYDEN, 1904  
[#5717] – GALIBERT, 1932 [#8312] – RAPP, 1934 [#8272]

*Quercus robur* L. {1}

BRECHTEL & KOSTENBADER, 2002 [#5766]

*Quercus rubra* L. {1}

GUTOWSKI & MILKOWSKI, 2008 [#8244]

***Lamiaceae***

*Clinopodium* {0}

SCHMIDT, 1937 [#5323] (as *sexualis*)

***Rosaceae***

*Prunus* {0}

MARSEUL, 1866 [#676]

***Sapindaceae***

*Acer* {0}

BAUDUER, 1878 [#165]

***Ulmaceae****Ulmus* {0}

GOBERT, 1878 [#5294] – ABOT, 1928 [#8304]

**Synopsis** WEST, 1840 [#8781] (*Carpinus*) – ROGER, 1856 [#7468] (*Carpinus betulus*) – MARSEUL, 1866 [#676] (*Prunus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Carpinus*) – HEYDEN, 1877 [#5716] (*Corylus*) – HEYDEN, 1877 [#8479] (*Corylus*) – BAUDUER, 1878 [#165] (*Corylus*; *Carpinus*; *Acer*) – GOBERT, 1878 [#5294] (*Quercus*; *Ulmus*) (biology) – BAUDUER, 1883 [#5143] (*Corylus*; *Carpinus*; *Acer*; *Prunus*) – DELHERM DE LARCENNE, 1885 [#3924] (*Carpinus*; *Quercus*) – FLEISCHER, 1896 [#9745] (*Fagus*; *Ulmus*) – HEYDEN, 1897 [#5286] (*Clinopodium*) (as *sexualis*) – HEYDEN, 1897 [#5286] (*Carpinus*) – HEYDEN, 1904 [#5717] (*Chenopodium*) (as *sexualis*) – HEYDEN, 1904 [#5717] (*Corylus*; *Carpinus*; *Quercus*) – CARPENTIER & DELABY, 1908 [#7378] (*Carpinus*) – PÉNEAU, 1911 [#8928] (*Quercus*) – SCHAUFUSS, 1911 [#5282] (*Chenopodium*) (as *sexualis*) – DAEHNE, 1912 [#3609] (*Corylus*) – CAILLOL, 1913 [#4053] (*Salix*; *Corylus*; *Acer*; *Prunus*) (biology) – BEDEL, 1921 [#170] (*Carpinus betulus*) – ABOT, 1928 [#8304] (*Carpinus*; *Corylus*; *Ulmus*) – GALIBERT, 1932 [#8312] (*Quercus*) – RAPP, 1934 [#8272] (*Quercus*; *Corylus*) – STARÝ, 1934 [#8604] (*Carpinus betulus* [likely misidentification of *viridis*]) (biology) – SAINTE CLAIRE, 1935 [#8551] (*Carpinus*) – SCHMIDT, 1937 [#5323] (*Clinopodium* not *Chenopodium*) (as *sexualis*) – POMERANCEV, 1938 [#4977] (*Carpinus*; *Corylus*) (biology) – SCHIMITSCHEK, 1944 [#3523] (*Castanea vesca*) (biology) – SCHAEFER, 1949 [#2565] (*Carpinus*; *Corylus*) (biology) – WÖRNDLE, 1950 [#8539] (*Corylus*) – HORION, 1955 [#1285] (*Clinopodium*(*Calamintha*); not *Chenopodium*) (as *sexualis*) – HORION, 1955 [#1285] (*Carpinus betulus*; *Corylus avellana*) (biology) – TER MINASYAN, 1955 [#7893] (*Fraxinus*; *Acer*) – PADIJ, 1956 [#8601] (*Carpinus*) (biology) – ZAGAIKEVICH, 1957 [#4976] (*Carpinus*) (biology) – PALM, 1959 [#9605] (*Carpinus betulus*) – SCHAEFER, 1959 [#3756] (*Corylus*) – PADIJ, 1960 [#8628] (*Carpinus*) – ZAGAIKEVICH, 1962 [#3249] (*Carpinus*; *Corylus*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Carpinus*) – SIMON, 1966 [#3266] (*Carpinus betulus*; *Corylus avellana*) – GOTTWALD, 1968 [#1114] (*Carpinus betulus*; *Corylus avellana*) – GOBBI, 1970 [#1091] (*Fagus*) – GOBBI, 1971 [#1092] (*Fagus sylvatica*) – FRANZ, 1974 [#4334] (*Carpinus betulus*; *Corylus*) – NIEHUIS, 1974 [#3629] (*Corylus*; *Carpinus*) – HELLRIGL, 1978 [#3442] (*Corylus*; *Carpinus*; *Fagus*; *Castanea*) (biology) – BÍLÝ, 1982 [#295] (*Corylus*; *Carpinus*; *Fagus*) (biology) – GOBBI, 1986 [#1100] (*Fagus sylvatica*) (biology) – NIEHUIS, 1988 [#1912] (*Carpinus betulus*) (biology) – RUICANESCU, 1993 [#3257] (*Corylus avellana*; *Carpinus betulus*) – CURLETTI, 1994 [#658] (*Carpinus*; *Castanea*; *Corylus*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Castanea sativa*) – BÍLÝ, 1999 [#4478] (*Carpinus betulus*) – BASELGA & NOVOA, 2000 [#5620] (*Corylus avellana*) – STUMPF et al., 2001 [#5788] (*Carpinus*; *Corylus*) – BÍLÝ, 2002 [#5877] (*Quercus*) (as *sexualis*) – BÍLÝ, 2002 [#5877] (*Betula*; *Carpinus*; *Castanea*; *Corylus*; *Fagus*; *Quercus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Carpinus betulus*; *Quercus robur*;

*Betula pendula*; *Corylus avellana*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Carpinus*; *Corylus*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Quercus*) – YANYTSKY, 2003 [#9052] (*Carpinus*; *Acer*; *Corylus*; *Quercus*) – NIEHUIS, 2004 [#6762] (*Carpinus betulus*; *Corylus*) (biology) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2005 [#7279] (*Quercus*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Carpinus betulus*; *Corylus avellana*; *Fagus sylvatica*; *Quercus rubra*) – ŠKORPIK et al., 2011 [#9173] (*Carpinus betulus*) (biology) – MORAGLIO et al., 2013 [#9645] (*Corylus avellana*) (biology)

**Remarks** *Agrilus olivicolor* develops primarily in Betulaceae (*Carpinus*, *Corylus*). Records for Fagaceae (*Castanea*, *Fagus*, *Quercus*) lack documented larval records. Hosts from other families are very unlikely.

## ***Agrilus olmii tropicus* Curletti, 1998**

### ***Leguminosae***

*Acacia* {3}

CURLETTI, 1998! [#4514]

## ***Agrilus oomsisensis* Curletti, 2006**

### ***Dipterocarpaceae***

*Anisoptera thurifera* (Blanco) Blume {1}

CURLETTI, 2006 [#7966]

## ***Agrilus opacipennis* Waterhouse, 1889**

### ***Cannabaceae***

*Celtis* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908] – WESTCOTT et al., 2008 [#8193]

### ***Leguminosae***

*Acacia* {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus opulentus* Kerremans, 1900*****Combretaceae***

*Terminalia brassii* Exell {0}  
 CURLETTI, 2006 [#7966]

***Elaeocarpaceae***

*Elaeocarpus* {1}  
 CURLETTI, 2006 [#7966]

***Myrtaceae***

*Eucalyptus deglupta* Blume {3}  
 LUTON & ROBERTS, 1980! [#6125] – CORTES, 1985! [#9480] – MERCER, 1986!  
 [#6128] – MAKIHARA et al., 1987! [#6126] – ROBERTS, 1987! [#6130]  
*Syzygium* {3}  
 MERCER, 1986! [#6128]

**Synopsis** LUTON & ROBERTS, 1980 [#6125] (*Eucalyptus deglupta*) – CORTES, 1985 [#9480] (*Eucalyptus deglupta*) (biology) – MERCER, 1986 [#6128] (*Eucalyptus deglupta*; *Syzygium*) (biology) – MAKIHARA et al., 1987 [#6126] (*Eucalyptus deglupta*) (biology) – ROBERTS, 1987 [#6130] (*Eucalyptus deglupta*) (biology) – RAMSDEN et al., 2002 [#9641] (*Eucalyptus deglupta*) – CURLETTI, 2006 [#7966] (*Eucalyptus deglupta*; [Note *Terminalia brassii* and *Terminalia* are cited by mistake; *Elaeocarpus* is undocumented])

**Remarks** *Terminalia brassii* is an incorrect citation from ROBERTS (1987). *Eleocarpus* is undocumented.

***Agrilus orangei* Curletti, 1999*****Leguminosae***

*Acacia* {1}  
 CURLETTI, 1999 [#4805]

## ***Agrilus orestes takaii* Nakane, 1983**

### ***Cannabaceae***

*Celtis boninensis* Koidz. {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Celtis liukiensis* Nakai)

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Celtis liukiensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis liukiensis*)

## ***Agrilus ornatulus* Horn, 1891**

### ***Leguminosae***

*Acacia farnesiana* (L.) Willd. {1}

CHITTENDEN, 1900 [#5334]

### ***Oleaceae***

*Forestiera reticulata* Torr. {3}

MACRAE, 2006! [#7542]

### ***Sapindaceae***

*Sapindus* {3}

MANLEY, 1977! [#1772]

*Sapindus drummondii* Hook. & Arn. {2}

KNULL, 1944 [#1546] – VOGT, 1949 [#2971] – NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Acacia farnesiana*) – FROST & WEISS, 1920 [#9782] (*Acacia farnesiana*) – CHAMBERLIN, 1926 [#468] (*Acacia farnesiana*) – FISHER, 1928 [#980] (*Acacia farnesiana*) – KNULL, 1944 [#1546] (*Sapindus drummondii*) – VOGT, 1949 [#2971] (*Sapindus drummondii*) – NELSON & WESTCOTT, 1976 [#1861] (*Sapindus drummondii*) – MANLEY, 1977 [#1772] (*Sapindus*) – MACRAE, 2006 [#7542] (*Forestiera reticulata*) – NELSON et al., 2008 [#8377] (*Sapindus*; *Foresteria*)

***Agrilus ornatus* Deyrolle, 1864*****Leguminosae***

*Archidendron clypearia* (Jack) I. C. Nielsen {1}

BAUDON, 1968 [#162] (as *Pithecellobium clypearia* (Jack) Benth.)

*Pterocarpus indicus* Willd. {1}

JACKMAN, 1987 [#1316]

***Lythraceae***

*Lagerstroemia cochinchinensis* Pierre {1}

BAUDON, 1968 [#162]

***Agrilus orothi* Baudon, 1965*****Leguminosae***

*Indigofera* {1}

BAUDON, 1965 [#158]

***Agrilus osburni* Knull, 1937*****Betulaceae***

*Ostrya virginiana* (Mill.) K. Koch {3}

HESPENHEIDE, 1973! [#1220]

***Fagaceae***

*Quercus phellos* L. {3}

MACRAE, 2006! [#7542]

**Synopsis** HESPENHEIDE, 1973 [#1220] (*Ostrya virginiana*) – WELLSO et al., 1976 [#3079] (*Ostrya*) – BRIGHT, 1987 [#379] (*Ostrya*) – DOWNIE & ARNETT, 1996 [#6170] (*Ostrya virginiana*) – MACRAE, 2003 [#5976] (*Ostrya*) – MACRAE, 2006 [#7542] (*Quercus phellos*) – NELSON et al., 2008 [#8377] (*Quercus*; *Ostrya*) – PAIERO et al., 2012 [#9293] (*Quercus*)

## ***Agrilus otiosus* Say, 1833**

### ***Betulaceae***

*Corylus americana* Walter {0}  
FROST & WEISS, 1920 [#8210]

### ***Cornaceae***

*Cornus* {0}  
STROMBERG, 1894 [#7662]  
*Cornus florida* L. {0}  
CHITTENDEN, 1900! [#5334]

### ***Ebenaceae***

*Diospyros virginiana* L. {3}  
KNULL, 1920! [#1508]

### ***Fagaceae***

*Quercus* {0}  
BLANCHARD, 1889 [#345] – FROST & WEISS, 1920 [#8210]  
*Quercus alba* L. {0}  
CHAMBERLIN, 1926! [#468]

### ***Juglandaceae***

*Carya* {3}  
ASHMEAD, 1894! [#7335] – STROMBERG, 1894 [#7662]  
*Carya alba* (L.) Nutt. ex Elliott {3}  
MACRAE, 1991! [#1760] (as *Carya tomentosa* (Lam. ex Poir.) Nutt.)  
*Carya cordiformis* (Wangenh.) K. Koch {3}  
MACRAE, 2006! [#7542]  
*Carya illinoensis* (Wangenh.) K. Koch {3}  
MACRAE, 1991! [#1760]



*Carya laciniosa* (F. Michx.) G. Don {3}

NELSON & MACRAE, 1990! [#1864]

*Carya ovata* (Mill.) K. Koch {3}

MACRAE, 1991! [#1760]

*Juglans* {3}

STROMBERG, 1894 [#7662]

*Juglans cinerea* L. {3}

BARRETT, 1932! [#4940]

*Juglans nigra* L. {3}

CHAMBERLIN, 1926! [#468] – KNULL, 1930! [#1518] – BARRETT, 1932! [#4940]

## ***Lauraceae***

*Sassafras albidum* (Nutt.) Nees {3}

NELSON & MACRAE, 1990! [#1864]

## ***Leguminosae***

*Cercis canadensis* L. {0}

CHITTENDEN, 1900! [#5334]

*Robinia pseudoacacia* L. {0}

CHAMBERLIN, 1926! [#468]

## ***Sapindaceae***

*Acer negundo* L. {0}

CHITTENDEN, 1900! [#5334]

**Synopsis** BLANCHARD, 1889 [#345] (*Quercus*) – HOPKINS, 1893 [#5577] (*Carya*; *Juglans nigra*) – ASHMEAD, 1894 [#7335] (*Carya*) – STROMBERG, 1894 [#7662] (*Carya*; *Juglans*; *Cornus*) – CHITTENDEN, 1900 [#5334] (*Acer negundo*; *Cornus florida*; *Cercis canadensis*; *Hicoria*; *Juglans nigra*) (biology) – ULKE, 1903 [#2939] (*Quercus*; *Carya*) – FROST & WEISS, 1920 [#8210] (*Acer*; *Hicoria*; *Cornus*; *Gleditsia*; *Juglans*; *Cercis*; *Corylus*; *Diospyros virginiana*; *Quercus*) – KNULL, 1920 [#1508] (*Diospyros virginiana*) – MUTCHLER & WEISS, 1922 [#1858] (*Acer*; *Hicoria*; *Cornus*; *Gleditsia*; *Juglans*; *Cercis*; *Corylus*; *Diospyros virginiana*; *Quercus*) – CHAMBERLIN, 1926 [#468] (*Juglans*; *Cornus florida*; *Cerise canadensis*; *Corylus americana*; *Hickoria*; *Diospyros virginiana*; *Quercus alba*) – FISHER, 1928 [#980] (*Hicoria*) – FISHER & NICOLAY, 1928 [#9786] (*Carya*; *Diospyros*; *Cornus*; *Cercis*; *Juglans*; *Acer*) – KNULL, 1930 [#1518] (*Juglans nigra*) – BARRETT, 1932

[#4940] (*Juglans nigra*; *J. cinerea*) – DOANE et al., 1936 [#7341] (*Carya*) – WELLSO et al., 1976 [#3079] (*Carya*) – BRIGHT, 1987 [#379] (*Carya*) – NELSON & MACRAE, 1990 [#1864] (*Sassafras albidum*; *Carya laciniosa*) – MACRAE, 1991 [#1760] (*Carya illinoensis*; *C. ovata*; *C. tomentosa*) – SOLOMON, 1995 [#7647] (*Carya*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Carya*) – MACRAE, 2003 [#5976] (*Carya*; *Juglans*; *Sassafras*) – MACRAE, 2006 [#7542] (*Carya cordiformis*) – NELSON et al., 2008 [#8377] (*Carya*; *Diospyros*; *Juglans*; *Sassafras*) – PAIERO et al., 2012 [#9293] (*Carya*; *Diospyros*; *Juglans*; *Sassafras*)

**Remarks** *Agrilus otiosus* was cited from many larval host records but many of them are misidentifications referring to other species. Only larval host records since FISHER (1928) are adopted here.

## ***Agrilus pacatus* Kerremans, 1913**

### ***Malvaceae***

*Triplochiton scleroxylon* K. Schum. {3}

CURLETTI, 2002 [#5768] – CURLETTI & VAYSSIÈRES, 2007! [#8004]

## ***Agrilus pachycerus* Pochon, 1972**

### ***Leguminosae***

*Albizia zygia* (DC.) J. F. Macbr. {3}

CURLETTI & VAYSSIÈRES, 2007! [#8004]

## ***Agrilus paganettii* Obenberger, 1913**

**Synonyms** *pisanus* Curletti; *pisanus* Obenberger (unavailable)

### ***Leguminosae***

*Dorycnium hirsutum* (L.) Ser. {3}

GOBBI, 1971! [#1092] (as *pisanus*) – GOBBI, 1971! [#1092] (as *pisanus*) – CURLETTI, 1980! [#642] (as *pisanus*) – GOBBI, 1986! [#1100] (as *pisanus*) – CROVATO & IZZILLO, 1995 [#3791] (as *pisanus*)

**Synopsis** GOBBI, 1971 [#1092] (*Dorycnium hirsutum*) (as *pisanus*) (biology) – GOBBI, 1971 [#1092] (*Dorycnium hirsutum*) (as *pisanus*) (biology) – CURLETTI, 1980 [#642] (*Dorycnium hirsutululum*) (as *pisanus*) – GOBBI, 1986 [#1100] (*Dorycnium hirsutum*) (as *pisanus*) (biology) – MAGNANI, 1992 [#3208] (*Dorycnium hirsutum*) (as *pisanus*) – CURLETTI, 1994 [#658] (*Dorycnium hirsutum*) (as *pisanus*) – CROVATO & IZZILLO, 1995 [#3791] (*Dorycnium hirsutum*) (as *pisanus*)

## ***Agrilus palmerleei* Knull, 1944**

### ***Fagaceae***

*Quercus hypoleucoides* A. Camus {1}

KNULL, 1970 [#1573] – NELSON, 1980 [#1887]

**Synopsis** KNULL, 1970 [#1573] (*Quercus hypoleucoides*) – NELSON, 1980 [#1887] (*Quercus hypoleucoides*) – NELSON et al., 2008 [#8377] (*Quercus hypoleucoides*)

## ***Agrilus paludicola* Krogerus, 1922**

### ***Betulaceae***

*Betula humilis* Schrank {2}

DEDYUKHIN & NIKITSKII, 2009 [#8976]

*Betula nana* L. {3}

KROGERUS, 1922 [#3916] – KROGERUS, 1925! [#3472] – RIKHTER, 1945 [#3507] – PALMÉN, 1946 [#7730] – PALM, 1951! [#9604] – ALEXEEV, 1959 [#3229]

*Betula pubescens* var. *pumila* (L.) Govaerts {3}

BRUNDIN, 1934 [#8542] (as *Betula tortuosa* Ledeb.) – PALM, 1951! [#9604] (as *Betula tortuosa* Ledeb.)

**Synopsis** KROGERUS, 1922 [#3916] (*Betula nana*) – KROGERUS, 1925 [#3472] (*Betula nana*) (biology) – BRUNDIN, 1934 [#8542] (*Betula tortuosa*) – RIKHTER, 1945 [#3507] (*Betula nana*) – PALMÉN, 1946 [#7730] (*Betula nana*) – RIKHTER, 1948 [#3879] (*Betula nana*) – PALM, 1951 [#9604] (*Betula nana*; *Betula tortuosa*) (biology) – TER MINASYAN, 1955 [#7893] (*Betula nana*) – ALEXEEV, 1959 [#3229] (*Betula nana*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Betula nana*) – HELLRIGL, 1978 [#3442] (*Betula nana*) – BÍLÝ, 1982 [#295] (*Betula*) (biology) – JENDEK, 2003 [#5878] (*Betula nana*) – DEDYUKHIN & NIKITSKII, 2009 [#8976] (*Betula humilis*)

## ***Agrilus parabductus* Knull, 1954**

### ***Leguminosae***

*Acacia* {1}

NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** NELSON & WESTCOTT, 1976 [#1861] (*Acacia*) – NELSON et al., 2008 [#8377] (*Acacia*)

## ***Agrilus paracelti* Knull, 1972**

### ***Cannabaceae***

*Celtis laevigata* var. *reticulata* (Torr.) Benson {3}

MACRAE, 2006! [#7542]

*Celtis laevigata* var. *texana* (Scheele) Sarg. {3}

NELSON & WESTCOTT, 1976 [#1861] – NELSON & MACRAE, 1990! [#1864]

*Celtis laevigata* Willd. {3}

MACRAE, 1991! [#1760]

*Celtis occidentalis* L. {3}

KNULL, 1972! [#1576] – HESPENHEIDE, 1973! [#1220] – HESPENHEIDE, 1976! [#1224] – NELSON & WESTCOTT, 1976 [#1861] – NELSON et al., 1981! [#1903] – MACRAE, 1991! [#1760]

*Celtis tenuifolia* Nutt. {3}

NELSON & MACRAE, 1990! [#1864] – MACRAE, 1991 [#1760] – MACRAE, 2006! [#7542]

### ***Fagaceae***

*Quercus marilandica* (L.) Münchh. {0}

MACRAE, 1991 [#1760]

### ***Juglandaceae***

*Carya* {0}

MACRAE, 1991 [#1760]

***Leguminosae***

*Gymnocladus dioica* (L.) K. Koch {0}  
MACRAE, 1991 [#1760]

***Ulmaceae***

*Ulmus rubra* Muhl. {0}  
MACRAE, 1991 [#1760]

**Synopsis** KNULL, 1972 [#1576] (*Celtis occidentalis*) – HESPENHEIDE, 1973 [#1220] (*Celtis occidentalis*) – HESPENHEIDE, 1976 [#1224] (*Celtis occidentalis*) – NELSON & WESTCOTT, 1976 [#1861] (*Celtis laevigata* var. *texana*; *Celtis occidentalis*) – WELLSO et al., 1976 [#3079] (*Celtis*) – NELSON et al., 1981 [#1903] (*Celtis occidentalis*) – BRIGHT, 1987 [#379] (*Celtis*) – NELSON & MACRAE, 1990 [#1864] (*Celtis tenuifolia*; *C. laevigata* var. *texana*) – MACRAE, 1991 [#1760] (*Celtis occidentalis*; *C. laevigata*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*) – MACRAE, 2006 [#7542] (*Celtis tenuifolia*; *Celtis laevigata* var. *reticulata*) – NELSON et al., 2008 [#8377] (*Celtis*; *Gymnocladus*; *Carya*; *Quercus*; *Ulmus*) – PAIERO et al., 2012 [#9293] (*Celtis*)

***Agrilus paradiseus* Obenberger, 1924*****Rosaceae***

*Prunus* {3}  
CURLETTI, 2006! [#7966]

***Agrilus paraimpexus* Hespeneheide, 2007*****Euphorbiaceae***

*Ditaxis brandegeei* (Millsp.) Rose & Standl. {3}  
HESPENHEIDE, 2007! [#8005]

***Leguminosae***

*Acacia angustissima* (Mill.) Kuntze {1}  
HESPENHEIDE, 2007 [#8005]

- Acacia cochliacantha* Willd. {1}  
MACRAE & BELLAMY, 2013 [#9711]
- Acacia farnesiana* (L.) Willd. {1}  
HESPENHEIDE, 2007 [#8005]
- Acacia greggii* A. Gray {1}  
NELSON et al., 1981 [#1903] (misidentified as *impexus*) – HESPENHEIDE, 2007 [#8005]
- Calliandra californica* Benth. {1}  
HESPENHEIDE, 2007 [#8005]
- Calliandra humilis* Benth. {1}  
NELSON et al., 1981 [#1903] (misidentified as *impexus*) – HESPENHEIDE, 2007 [#8005]
- Cercidium microphyllum* (Torr.) Rose & I. M. Johnst. {1}  
HESPENHEIDE, 2007 [#8005]
- Gleditsia triacanthos* L. {1}  
CHITTENDEN, 1900 [#5334] (misidentified as *impexus*)
- Inga* {1}  
HESPENHEIDE, 2007 [#8005]
- Mimosa aculeaticarpa* Ortega {1}  
HESPENHEIDE, 2007 [#8005] (as *Mimosa biuncifera* Benth.)
- Mimosa albida* Willd. {1}  
HESPENHEIDE, 2007 [#8005]
- Mimosa dysocarpa* A. Gray {1}  
HESPENHEIDE, 2007 [#8005]
- Mimosa molis* Benth. {1}  
MACRAE & BELLAMY, 2013 [#9711]
- Mimosa xanti* A. Gray {1}  
HESPENHEIDE, 2007 [#8005]
- Olneya tesota* A. Gray {1}  
NELSON et al., 1981 [#1903] (misidentified as *impexus*) – HESPENHEIDE, 2007 [#8005]
- Pithecellobium dulce* (Roxb.) Benth. {1}  
HESPENHEIDE, 2007 [#8005]
- Pomaria jamesii* (Torr. & A. Gray) Walp. {3}  
HESPENHEIDE, 2007! [#8005] (as *Hoffmannseggia jamesii* Torr. & A. Gray)
- Prosopis glandulosa* Torr. {1}  
NELSON et al., 1981 [#1903] (misidentified as *impexus*) – WALTERS & BELLAMY, 1990 [#3034] (misidentified as *impexus*)
- Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}  
HESPENHEIDE, 2007 [#8005]
- Prosopis juliflora* (Sw.) DC. {1}  
NELSON et al., 1996 [#3975] (misidentified as *impexus*) – HESPENHEIDE, 2007 [#8005]
- Prosopis laevigata* (Willd.) M. C. Johnst. {1}  
MACRAE & BELLAMY, 2013 [#9711]
- Robinia pseudoacacia* L. {1}  
CHITTENDEN, 1900 [#5334] (misidentified as *impexus*)

**Zygophyllaceae***Larrea divaricata* Cav. {1}NELSON et al., 1981 [#1903] (misidentified as *impexus*)

**Synopsis** CHITTENDEN, 1900 [#5334] (*Gleditsia triacanthos*; *Robinia pseudoacacia*) – CHAMBERLIN, 1926 [#468] (*Robinia pseudoacacia*; *Gleditsia triacanthos*) – FISHER, 1928 [#980] (*Parkinsonia microphylla*; *Gleditsia triacanthos*; *Robinia pseudoacacia*) – NELSON et al., 1981 [#1903] (*Olneya tesota*; *Prosopis glandulosa*; *Acacia greggii*; *Larrea divaricata*; *Calliandra humilis*) – BRIGHT, 1987 [#379] (*Gleditsia*; *Robinia*) – HESPENHEIDE, 1990 [#1229] (*Prosopis*) – WALTERS & BELLAMY, 1990 [#3034] (*Prosopis glandulosa*) – MAES et al., 1993 [#1764] (*Prosopis*) – NELSON et al., 1996 [#3975] (*Prosopis juliflora*) – HESPENHEIDE, 2007 [#8005] (*Inga*; *Prosopis*; *Mimosa*; *Acacia*; *Calliandra*; *Pithecellobium*; *Olneya*; *Hoffmanseggia jamesi*; *Ditaxis brandegei*) – NELSON et al., 2008 [#8377] (*Ditaxis*; *Hoffmanseggia*; *Acacia*; *Calliandra*; *Cercidium*; *Inga*; *Mimosa*; *Olneya*; *Pithecellobium*; *Prosopis*) – MACRAE & BELLAMY, 2013 [#9711] (*Acacia cochliacantha*; *Mimosa mollis*; *Prosopis laevigata*)

**Remarks** Most of the hosts for this species were cited under the name *Agrilus impexus*. Hespeneide (2007) revised the concept of *A. impexus* and described *A. parampexus*. He also provided first two larval host records.

***Agrilus paramacer* Hespeneide, 2009****Cannabaceae***Celtis* {3}

HESPENHEIDE, 2009! [#9314]

***Agrilus paramasculinus* Champlain & Knull, 1923****Leguminosae***Gymnocladus dioica* (L.) K. Koch {3}

NELSON &amp; WESTCOTT, 1976! [#1861] – HANSEN et al., 2011! [#9158]

**Synopsis** NELSON & WESTCOTT, 1976 [#1861] (*Gymnocladus dioicus*) – BRIGHT, 1987 [#379] (*Gymnocladus*) – DOWNIE & ARNETT, 1996 [#6170] (*Gymnocladus dioicus*) – NELSON et al., 2008 [#8377] (*Gymnocladus*) – HANSEN et al., 2011 [#9158] (*Gymnocladus dioica*) – PAIERO et al., 2012 [#9293] (*Gymnocladus*)

***Agrilus parapupala* Curletti, 1998**

***Cannabaceae***

*Celtis zenkeri* Engl. {3}  
CURLETTI, 1998! [#4514]

***Agrilus parkeri* Knull, 1935**

***Fagaceae***

*Quercus arizonica* Sarg. {3}  
NELSON & WESTCOTT, 1976! [#1861]

*Quercus emoryi* Torr. {3}  
NELSON & WESTCOTT, 1976! [#1861]

*Quercus hypoleucoides* A. Camus {3}  
NELSON & WESTCOTT, 1976! [#1861]

*Quercus kelloggii* Newb. {2}  
KNULL, 1937 [#9186]

**Synopsis** KNULL, 1937 [#9186] (*Quercus kelloggii*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus arizonica*; *Q. emoryi*; *Q. hypoleucoides*) – NELSON et al., 2008 [#8377] (*Quercus*)

***Agrilus parkinsoniae* Hespeneide, 2009**

***Leguminosae***

*Parkinsonia aculeata* L. {1}  
HESPENHEIDE, 2009 [#9314]

***Agrilus parvus californicus* Westcott & Nelson, 2000**

***Leguminosae***

*Amorpha fruticosa* L. {2}  
WESTCOTT & NELSON, 2000 [#5135] (as *Amorpha fruticosa* var. *occidentalis* (Abrams) Kearney & Peebles)



**Synopsis** WESTCOTT & NELSON, 2000 [#5135] (*Amorpha fruticosa occidentalis*) – NELSON et al., 2008 [#8377] (*Amorpha*)

## *Agrilus parvus parvus* Saunders, 1870

**Synonyms** *pusillus* Say

### *Leguminosae*

*Amorpha fruticosa* L. {2}

FISHER, 1928 [#980] (as *pusillus*) – NELSON et al., 1981 [#1903] (as *pusillus*) – NELSON & MACRAE, 1990 [#1864] – MACRAE, 1991 [#1760] – HANSEN et al., 2012 [#9388] – MACRAE & BASHAM, 2013 [#9563]

**Synopsis** FISHER, 1928 [#980] (*Amorpha fruticosa*) (as *pusillus*) – WELLSO et al., 1976 [#3079] (*Amorpha fruticosa*) (as *pusillus*) – NELSON et al., 1981 [#1903] (*Amorpha fruticosa*) (as *pusillus*) – BRIGHT, 1987 [#379] (*Amorpha fruticosa*) – NELSON & MACRAE, 1990 [#1864] (*Amorpha fruticosa*) – MACRAE, 1991 [#1760] (*Amorpha fruticosa*) – DOWNIE & ARNETT, 1996 [#6170] (*Amorpha fruticosa*) – NELSON et al., 2008 [#8377] (*Amorpha*) – HANSEN et al., 2012 [#9388] (*Amorpha fruticosa*) – PAIERO et al., 2012 [#9293] (*Amorpha*) – MACRAE & BASHAM, 2013 [#9563] (*Amorpha fruticosa*)

**Remarks** *Amorpha fruticosa* is likely the larval host of *A. parvus* but larval record is missing.

## *Agrilus pecirkai* Obenberger, 1916

### *Fagaceae*

*Quercus rotundifolia* Lam. {0}

GHAHARI et al., 2008 [#8160]

### *Rosaceae*

*Prunus persica* (L.) Stokes {0}

GHAHARI & BELLAMY, 2012 [#9601]

*Rosa* {3}

MAKHNOVSKIJ, 1958! [#6090] (misidentified as *chrysoderes*) – MAKHNOVSKIJ, 1959! [#5829] (misidentified as *chrysoders*) – GURYEVA, 1974! [#5428] – KADYROV, 1976! [#3461]

**Synopsis** MAKHNOVSKII, 1958 [#6090] (*Rosa*) – MAKHNOVSKII, 1959 [#5829] (*Rosa*) (biology) – GURYEVA, 1974 [#5428] (*Rosa*) – KADYROV, 1976 [#3461] (*Rosa*) – GHAHARI et al., 2008 [#8160] (*Quercus rotundifolia*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Rosa*) – GHAHARI & BELLAMY, 2012 [#9601] (*Prunus persica*)

## ***Agrilus pectoralis* Waterhouse, 1889**

**Synonyms** *palmacollis* Horn

### ***Leguminosae***

*Acacia farnesiana* (L.) Willd. {3}

CHITTENDEN, 1900! [#5334] (as *palmacollis*)

*Acacia greggii* A. Gray {2}

MACRAE & BASHAM, 2013 [#9563]

*Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes {3}

MACRAE, 2006! [#7542] (as *Pithecellobium ebano* (Berland.) C. H. Mull.)

*Parkinsonia aculeata* L. {3}

MACRAE, 2006! [#7542]

*Prosopis glandulosa* Torr. {3}

CHITTENDEN, 1900! [#5334] (as *palmacollis*) – MACRAE, 2006! [#7542]

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {3}

HESPENHEIDE et al., 2011 [#9050]

*Prosopis juliflora* (Sw.) DC. {2}

VOGT, 1949 [#2971] (as *palmacollis*)

**Synopsis** CHITTENDEN, 1900 [#5334] (*Prosopis juliflora*; *Acacia farnesiana*) (as *palmacollis*) – FROST & WEISS, 1920 [#9782] (*Prosopis juliflora*) (as *palmacollis*) – CHAMBERLIN, 1926 [#468] (*Prosopis juliflora*; *Acacia farnesiana*) (as *palmacollis*) – FISHER, 1928 [#980] (*Prosopis juliflora*; *Acacia farnesiana*) (as *palmacollis*) – VAN DYKE, 1942 [#2952] (*Prosopis juliflora*; *Acacia farnesiana*) (as *palmacollis*) – VOGT, 1949 [#2971] (*Prosopis juliflora*) (as *palmacollis*) – MACRAE, 2006 [#7542] (*Prosopis glandulosa*; *Pithecellobium ebano* [refers to *prosopidis* according to MACRAE & BASHAM, 2013 [#9563]]; *Parkinsonia aculeata* [refers to *prosopidis* according to MACRAE & BASHAM, 2013 [#9563]]) – NELSON et al., 2008 [#8377] (*Acacia*; *Ebenopsis*; *Parkinsonia*; *Prosopis*) – HESPENHEIDE et al., 2011 [#9050] (*Prosopis glandulosa* var. *torreyana*) – MACRAE & BASHAM, 2013 [#9563] (*Acacia greggii*)

***Agrilus pediculus* Curletti, 1999**

**Synonyms** *minimus* Curletti

***Leguminosae***

*Acacia tortilis* (Forssk.) Hayne {3}

CURLETTI, 1998! [#4514] (as *minimus*)

**Synopsis** CURLETTI, 1998 [#4514] (*Acacia tortilis*) (as *minimus*)

***Agrilus pekinensis* Obenberger, 1924*****Leguminosae***

*Lespedeza* {1}

ALEXEEV, 1989! [#64] – ALEXEEV & VOLKOVITSH, 1989! [#3241]

**Synopsis** ALEXEEV, 1989 [#64] (*Lespedeza*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Lespedeza*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Lespedeza*)

**Remarks** *Lespedeza* is cited as a larval host without supporting data.

***Agrilus peninsularis* Van Dyke, 1942*****Leguminosae***

*Cercidium* {1}

HESPENHEIDE et al., 2011 [#9050]

*Ebenopsis confinis* (Standl.) Barneby & J. W. Grimes {1}

HESPENHEIDE et al., 2011 [#9050]

*Mimosa xanti* A. Gray {1}

HESPENHEIDE et al., 2011 [#9050]

*Olneya tesota* A. Gray {1}

HESPENHEIDE et al., 2011 [#9050]

*Prosopis glandulosa* Torr. {1}

HESPENHEIDE et al., 2011 [#9050]

## ***Agrilus pensus* Horn, 1891**

**Synonyms** *betulae* Fisher

### ***Betulaceae***

*Alnus* {3}

BLANCHARD, 1889! [#345] (misidentified as *granulatus*)

*Alnus incana* (L.) Moench {3}

FROST & WEISS, 1920 [#8210]

*Alnus incana* ssp. *rugosa* (Du Roi) R. T. Clausen {3}

BARTER & BROWN, 1949 [#137] (as *Alnus rugosa* (Du Roi) Spreng.) – CARLSON & KNIGHT, 1969! [#419] (as *Alnus rugosa* (Du Roi) Spreng.)

*Alnus viridis* ssp. *crispa* (Aiton) Turrill {2}

BARTER & BROWN, 1949 [#137] (as *Alnus crispa* var. *molis* (Fernald) Fernald)

*Betula nigra* L. {3}

FISHER, 1928! [#980] (as *betulae*) – KNULL, 1930! [#1518] (as *betulae*) – MACRAE & NELSON, 2003! [#5977] – MACRAE & BASHAM, 2013! [#9563]

*Ostrya* {1}

FROST & WEISS, 1920 [#8210]

**Synopsis** BLANCHARD, 1889 [#345] (*Alnus*) – FROST & WEISS, 1920 [#8210] (*Ostrya*; *Alnus incana*) – CHAMBERLIN, 1926 [#468] (*Alnus incana*; *Ostrya virginiana*) – FISHER, 1928 [#980] (*Alnus incana*; *Ostrya virginiana*) – FISHER, 1928 [#980] (*Betula nigra*) (as *betulae*) – KNULL, 1930 [#1518] (*Betula nigra*) (as *betulae*) – DOANE et al., 1936 [#7341] (*Betula*) (as *betulae*) – BARTER & BROWN, 1949 [#137] (*Alnus rugosa*; *Ostrya virginiana*; *Alnus crispa* var. *molis*) – CARLSON & KNIGHT, 1969 [#419] (*Alnus rugosa*; *Betula*; uncertain *Ostrya*) (biology) – WELLSO et al., 1976 [#3079] (*Alnus*) – BRIGHT, 1987 [#379] (*Alnus*; *Betula*; ?*Ostrya*) (biology) – SOLOMON, 1995 [#7647] (*Alnus*; *Betula*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Alnus incana*; *Ostrya virginiana*) – MACRAE & NELSON, 2003 [#5977] (*Betula nigra*) – NELSON et al., 2008 [#8377] (*Betula*; *Alnus*; *Ostrya*) – PAIERO et al., 2012 [#9293] (*Betula*; *Alnus*; *Ostrya*) – MACRAE & BASHAM, 2013 [#9563] (*Betula nigra*)

## ***Agrilus peregrinus* Kiesenwetter, 1879**

### ***Betulaceae***

*Alnus japonica* (Thunb.) Steud. {1}

ALEXEEV, 1979 [#57]

***Ulmaceae****Ulmus* {1}

ALEXEEV, 1989 [#64]

**Synopsis** ALEXEEV, 1979 [#57] (*Alnus japonica*) – ALEXEEV, 1989 [#64] (*Ulmus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Alnus japonica*)

***Agrilus peresoso* Curletti, 2005*****Leguminosae****Inga goldmanii* Pittier {1}

CURRETTI, 2005 [#7579]

***Agrilus perisi* Cobos, 1986*****Compositae****Artemisia herba-alba* Asso {3}

ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2002 [#5727] – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2003! [#6547]

***Salicaceae****Populus* {0}

COBOS, 1986 [#609]

**Synopsis** COBOS, 1986 [#609] (*Populus* [Note: Accidental finding according to Arnáiz Ruiz & Bercedo Páramo, 2002]) – ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2002 [#5727] (*Artemisia herba-alba*) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2003 [#6547] (*Artemisia herba alba*) (biology) – MURRIA BELTRÁN & MURRIA BELTRÁN, 2005 [#7591] (*Artemisia herba-alba*) – VERDUGO PAÉZ, 2005 [#7256] (*Populus*; *Artemisia*)

***Agrilus perlisensis* Fisher, 1936****Synonyms** *deuvei* Baudon

## ***Leguminosae***

*Pithecellobium* {1}

BAUDON, 1965 [#158] (as *deuvei*)

## ***Agrilus perrini* Pic, 1905**

## ***Amaranthaceae***

*Suaeda vermiculata* Forssk. ex J. F. Gmel. . {3}

NIEHUIS, 2004! [#6762] (as *Suaeda pruinosa* Lange)

## ***Agrilus pilosellus* Thomson, 1878**

## ***Malvaceae***

*Waltheria indica* L. {1}

MACRAE & BELLAMY, 2013 [#9711] (as *Waltheria americana* L.)

## ***Agrilus pilosovittatus* Saunders, 1873**

**Synonyms** *spesivcevi* Obenberger

## ***Fagaceae***

*Fagus* {0}

HUA LI ZHONG, 2002 [#6696]

## ***Leguminosae***

*Caragana spinosa* (L.) DC. {1}

ALEXEEV & VOLKOVITSH, 1989 [#3241] (as *spesivcevi*)

*Wisteria* {3}

KUROSAWA, 1963 [#1618] – NELSON et al., 1981 [#1903]

*Wisteria sinensis* (Sims) Sweet {3}

HESPENHEIDE, 1968! [#1233] – GATES, 2004! [#7136]

**Synopsis** KUROSAWA, 1963 [#1618] (*Wisteria*) – HESPENHEIDE, 1968 [#1233] (*Wisteria sinensis*) – NELSON et al., 1981 [#1903] (*Wisteria*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Caragana spinosa*) (as *spesivcevi*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Wisteria floribunda*) – HUA LI ZHONG, 2002 [#6696] (*Fagus*) – GATES, 2004 [#7136] (*Wisteria sinensis*) – NELSON et al., 2008 [#8377] (*Wisteria*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Wisteria*) – OHMOMO, 2011 [#9070] (*Wisteria floribunda*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Wisteria floribunda*)

**Remarks** *Agrilus pilosovittatus* develops in *Wisteria* (Leguminosae). The record from *Fagus* (Fagaceae) is a misidentification.

## *Agrilus pilosus* Waterhouse, 1889

### *Verbenaceae*

*Lantana* {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

## *Agrilus piscis* Gory, 1841

### *Leguminosae*

*Senna quinquangulata* (Rich.) H. S. Irwin & Barneby {1}

CURLETTI & BRÛLÉ, 2013 [#9624]

## *Agrilus planipennis* Fairmaire, 1888

**Synonyms** *marcopoli* Obenberger; *ulmi* Kurosawa

### *Juglandaceae*

*Juglans ailanthifolia* Carrière {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *ulmi*) (as *Juglans mandshurica* var. *sieboldiana* Maxim)

*Pterocarya rhoifolia* Siebold & Zucc. {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *ulmi*)

**Oleaceae***Fraxinus* {3}

XU GONGTIAN, 2003! [#6836] (as *marcopoli*) – CHAMORRO et al., 2012! [#9280]

*Fraxinus americana* L. {3}

McCULLOUGH & ROBERTS, 2002! [#5726] – LIU HOUPING & BAUER, 2005! [#8298]  
– YURCHENKO, 2010! [#9619]

*Fraxinus chinensis* Roxb. {3}

WEI et al., 2004! [#7133] – LIU HOUPING & BAUER, 2005! [#8298]

*Fraxinus chinensis* ssp. *chinensis* Roxb. {3}

YU CHENGMIN, 1992! [#5982] (as *marcopoli*)

*Fraxinus chinensis* ssp. *rhynchophylla* (Hance) A. E. Murray {3}

LIU HOUPING et al., 2003! [#7112] (as *Fraxinus rhynchophylla* Hance) – WEI et al., 2004! [#7133] (as *Fraxinus rhynchophylla* Hance) – LIU HOUPING & BAUER, 2005! [#8298] (as *Fraxinus rhynchophylla* Hance) – YURCHENKO et al., 2007! [#8892] (as *Fraxinus rhynchophylla* Hance) – YURCHENKO, 2010! [#9619] (as *Fraxinus rhynchophylla* Hance) – DUAN et al., 2012! [#9433] (as *Fraxinus rhynchophylla* Hance)

*Fraxinus excelsior* L. {3}

IZHEVSKIY & MOZOLEVSKAYA, 2008! [#9637] – ORLOVA-BIENKOWSKAJA, 2013! [#9738] – ORLOVA-BIENKOWSKAJA, 2013! [#9556] – VOLKOVITSH & MOZOLEVSKAYA, 2013! [#9577]

*Fraxinus mandshurica* Rupr. {3}

YU CHENGMIN, 1992! [#5982] (as *marcopoli*) – LIU HOUPING et al., 2003! [#7112] – WEI et al., 2004! [#7133] – LIU HOUPING & BAUER, 2005! [#8298] – YURCHENKO et al., 2007! [#8892] – YURCHENKO, 2010! [#9619] – DUAN et al., 2012! [#9433]

*Fraxinus nigra* Marshall {3}

McCULLOUGH & ROBERTS, 2002! [#5726] – LIU HOUPING & BAUER, 2005! [#8298]

*Fraxinus pennsylvanica* Marshall {3}

McCULLOUGH & ROBERTS, 2002! [#5726] – LIU HOUPING et al., 2003! [#7112] – LIU HOUPING & BAUER, 2005! [#8298] – MOZOLEVSKAYA, 2007! [#8376] – IZHEVSKIY & MOZOLEVSKAYA, 2008! [#9637] – YURCHENKO, 2010! [#9619] – ORLOVA-BIENKOWSKAJA, 2013! [#9738] – ORLOVA-BIENKOWSKAJA, 2013! [#9556]

*Fraxinus velutina* Torr. {3}

LIU HOUPING et al., 2003! [#7112] – WEI et al., 2004! [#7133] – LIU HOUPING & BAUER, 2005! [#8298] – YANG ZHONG-QI et al., 2012! [#9416]

**Ulmaceae***Ulmus* {1}

KUROSAWA, 1963 [#1618] (as *marcopoli*) – ALEXEEV, 1989 [#64] (as *marcopoli*)

*Ulmus davidiana* var. *japonica* (Rehder) Nakai {1}

KUROSAWA, 1956 [#1614] (as *ulmi*) (as *Ulmus propinqua* Koidz.)



**Synopsis** KUROSAWA, 1956 [#1614] (*Ulmus propinqua*) (as *ulmi*) – KUROSAWA, 1963 [#1618] (*Ulmus*) (as *marcopoli*) – KO, JE HO, 1969 [#9209] (*Ulmus davidiana* var. *japonica*) (as *marcopoli*) – ALEXEEV, 1989 [#64] (*Ulmus*) (as *marcopoli*) – YU CHENGMIN, 1992 [#5982] (*Fraxinus chinensis chinensis*; *Fraxinus chinensis rhychophylla*; *Fraxinus mandshurica*) (as *marcopoli*) (biology) – AKIYAMA & OHMOMO, 1997 [#4091] (*Ulmus davidiana* var. *japonica*; *Pterocarya rhoifolia*; *Juglans mandshurica* var. *sieboldiana*; *Fraxinus mandshurica* var. *japonica*) (as *ulmi*) – HAACK et al., 2002 [#5632] (*Fraxinus*) – McCULLOUGH & ROBERTS, 2002 [#5726] (*Fraxinus pennsylvanica*; *F. americana*; *F. nigra*) (biology) – HERMS et al., 2003 [#6801] (*Fraxinus pennsylvanica*; *F. americana*; *F. nigra*; *F. quadrangulata*; horticultural cultivars of *Fraxinus*) (biology) – LIU HOUPING et al., 2003 [#7112] (*Fraxinus mandshurica*; *F. velutina*; *F. pennsylvanica*; *F. rhychophylla*) – MÜHLE, 2003 [#6155] (*Ulmus*; *Pterocarya*; *Juglans*; *Fraxinus*) – XU GONGTIAN, 2003 [#6836] (*Fraxinus*) (as *marcopoli*) (biology) – GATES & GIBSON, 2004 [#7132] (*Fraxinus*) – WEI et al., 2004 [#7133] (*Fraxinus mandshurica*; *F. rhychophylla*; *F. chinensis*; *F. velutina*) (biology) – LIU HOUPING & BAUER, 2005 [#8298] (*Fraxinus* subgenus *Fraxinus* section *Melioides*: *americana*; *pennsylvanica* var. *subintegerrima*; *velutina*; *nigra*; *mandjurica*. Rarely native *F. chinensis* and *F. rhychophylla*) – RODRIGUEZ SAONA et al., 2006 [#8239] (*Fraxinus mandshurica*) – LIU HOUPING et al., 2007 [#8183] (*Fraxinus mandshurica*; *Fraxinus chinensis* var. *rhychophylla*; *Fraxinus pennsylvanica*) – LYONS et al., 2007 [#8066] (*Fraxinus*) (biology) – MOZOLEVSKAYA, 2007 [#8376] (*Fraxinus pennsylvanica*) – WEI XIA et al., 2007 [#8182] (*Fraxinus*) – YURCHENKO et al., 2007 [#8892] (*Fraxinus mandshurica*; *F. rhychophylla*) – IZHEVSKIY & MOZOLEVSKAYA, 2008 [#9637] (*Fraxinus excelsior*; *F. pennsylvanica*) – NELSON et al., 2008 [#8377] (*Fraxinus*; *Juglans*; *Pterocarya*; *Ulmus*) – PETRICE et al., 2009 [#8999] (*Fraxinus*) (biology) – BARANCHIKOV, 2010 [#8916] (*Fraxinus*) (biology) – YURCHENKO, 2010 [#9619] (*Fraxinus americana*; *F. lanceolata*; *F. mandshurica*; *F. pennsylvanica*; *F. rhychophylla*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Fraxinus*; *Ulmus*; *Juglans*; *Pterocarya*) – CHAMORRRO et al., 2012 [#9280] (*Fraxinus*) (biology) – DUAN et al., 2012 [#9433] (*Fraxinus mandshurica*; *F. rhychophylla*) – GNINENKO et al., 2012 [#9726] (*Fraxinus*) (biology) – PAIERO et al., 2012 [#9293] (*Fraxinus*; *Ulmus*; *Pterocarya*; *Juglans*) – YANG ZHONG-QI et al., 2012 [#9416] (*Fraxinus velutina*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Fraxinus mandshurica*; *Ulmus davidiana* var. *japonica*; *Pterocarya rhoifolia*; *Juglans mandshurica* var. *sieboldiana*) – ORLOVA-BIENKOWSKAJA, 2013 [#9738] (*Fraxinus excelsior*; *F. pennsylvanica*) – ORLOVA-BIENKOWSKAJA, 2013 [#9739] (*Fraxinus excelsior*; *F. pennsylvanica*) – ORLOVA-BIENKOWSKAJA, 2013 [#9556] (*Fraxinus pennsylvanica*; *P. excelsior*) – VOLKOVITSH & MOZOLEVSKAYA, 2013 [#9577] (*Fraxinus excelsior*) – HERMS & McCULLOUGH, 2014 [#9765] (*Fraxinus*) (biology)

**Remarks** The only verified larval host plants of *A. planipennis* are those from the genus *Fraxinus*.

## ***Agrilus politus* (Say, 1825)**

### ***Betulaceae***

*Alnus incana* ssp. *tenuifolia* (Nutt.) Breitung. {1}

BURKE, 1917! [#406] (as *Alnus tenuifolia* (Nutt.) Breitung.)

*Corylus* {0}

FROST, 1916 [#9542] – FELT, 1918! [#9544] – HUTCHINGS, 1923! [#5406]

*Corylus americana* Walter {0}

FROST & WEISS, 1920 [#9782]

*Corylus cornuta* ssp. *cornuta* Marshall {0}

FROST & WEISS, 1920 [#9782] (as *Corylus rostrata* Aiton)

### ***Fagaceae***

*Quercus* {0}

ULKE, 1903 [#2939] – CHAMBERLIN, 1917 [#462]

*Quercus agrifolia* Née {0}

CHILES, 1914! [#9539] – ESSIG, 1915! [#9540]

### ***Leguminosae***

*Robinia pseudoacacia* L. {0}

LUGGER, 1884 [#1753]

### ***Rosaceae***

*Crataegus* {0}

FELT, 1918! [#9544]

*Rosa nutkana* C. Presl {0}

HARDY, 1927 [#9552]

### ***Salicaceae***

*Salix* {3}

BLANCHARD, 1889 [#345] – FALL, 1894 [#9376] – CHITTENDEN, 1900 [#5334] –  
CHAMBERLIN, 1917 [#462] – FELT, 1918! [#9544] – FROST & WEISS, 1920  
[#9782] – HESPENHEIDE et al., 2011 [#9050]

*Salix babylonica* L. {3}

BURKE, 1917! [#406] – FISHER, 1928! [#980]

*Salix lasiolepis* Benth. {3}

BURKE, 1917! [#407] – BURKE, 1917! [#406] – FISHER, 1928! [#980]

*Salix lucida* var. *lasiandra* (Benth.) Cronquist {3}

FISHER, 1928! [#980] (as *Salix lasiandra* Benth.)

*Salix monticola* Bebb {3}

BURKE, 1917! [#406]

*Salix nigra* Marshall {2}

NELSON, 1987 [#1893]

*Salix scouleriana* Barratt ex Hook. {3}

HARDY, 1927 [#9552] – FISHER, 1928! [#980]

*Salix sitchensis* Sanson ex Bong. {2}

HARDY, 1948 [#5266]

## *Sapindaceae*

*Acer glabrum* Torr. {2}

FISHER, 1928! [#980]

*Acer pensylvanicum* L. {2}

FISHER, 1928! [#980]

**Synopsis** LUGGER, 1884 [#1753] (*Robinia pseudoacacia*) – BLANCHARD, 1889 [#345] (*Salix*) – HORN, 1891 [#4177] (*Salix*) – HOPKINS, 1893 [#5577] (*Salix*) – FALL, 1894 [#9376] (*Salix*) – CHITTENDEN, 1900 [#5334] (*Salix*) – ULKE, 1903 [#2939] (*Quercus*) – CHILES, 1914 [#9539] (*Quercus agrifolia*) (biology) – ESSIG, 1915 [#9540] (*Quercus agrifolia*) (biology) – KELLOGG & DOANE, 1915 [#7345] (*Quercus*) – FROST, 1916 [#9542] (*Corylus*) – BURKE, 1917 [#407] (*Salix lasiolepis*) – BURKE, 1917 [#406] (*Salix monticola*; *S. nuttallii*; *S. lasiolepis*; *S. babylonica*; *Alnus tenuifolia*; *Acer glabrum*) (biology) – CHAMBERLIN, 1917 [#462] (*Salix*; *Quercus*) – FELT, 1918 [#9544] (*Salix*; *Corylus*; *Crataegus*) – FROST & WEISS, 1920 [#9782] (*Salix*; *Corylus*; *C. americana*; *C. rostrata*; *Quercus*; *Acer*; *Crataegus*) – KNULL, 1920 [#1508] (*Salix*; *Acer pannisylvanicum*) – MUTCHLER & WEISS, 1922 [#1858] (*Salix*; *Corylus*; *Quercus*; *Acer*; *Crataegus*) – WELLHOUSE, 1922 [#7759] (*Crataegus*; *Salix*; *Quercus*; *Corylus*) – HUTCHINGS, 1923 [#5406] (*Corylus*) – CHAMBERLIN, 1926 [#468] (*Salix*; *Robinia*; *Quercus*; *Alnus*; *Aesculus*; *Acer*; *Corylus*; *Rosa*) – HARDY, 1927 [#9552] (*Salix scouleri*; *Rosa nutkana*) – FISHER, 1928 [#980] (*Acer*; *Salix*) – FISHER & NICOLAY, 1928 [#9786] (*Acer*; *Salix*; *Crataegus*) – DOANE et al., 1936 [#7341] (*Salix*; *Acer*) (biology) – HARDY, 1948 [#5266] (*Salix sitchensis*) – MÜHLMANN, 1954 [#8152] (*Salix*) – BARR, 1971 [#136] (*Salix*; *Acer*) – MASER & BEER, 1971 [#1788] (*Salix*) – STEIN & KENNEDY, 1972 [#9733] (*Salix*) – WELLSO et al., 1976 [#3079] (*Salix*) – BRIGHT, 1987 [#379] (*Acer*; *Salix*) – NELSON, 1987 [#1893] (*Salix nigra*) – SOLOMON, 1995 [#7647] (*Salix*; *Acer*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Acer*; *Salix*) – NELSON &

HESPENHEIDE, 1998 [#4548] (*Salix babylonica*; *S. lasiandra*; *S. lasiolepis*; *S. scouleriana*; *Acer glabrum*; *A. pennsylvanicum*) – KOROTYAEV et al., 2005 [#7284] (*Salix*) – NELSON et al., 2008 [#8377] (*Acer*; *Salix*; *Picea*; *Thuja*) – HESPENHEIDE et al., 2011 [#9050] (*Salix*) – PAIERO et al., 2012 [#9293] (*Acer*; *Salix*)

**Remarks** The primary and well documented larval host of *A. politus* is *Salix*. FISHER (1928) published larval records for *Acer* but these were never reconfirmed like many other old records from other plant genera. Records for *Corylus* refer to *A. pseudocoryli*.

## ***Agrilus popovi* Curletti & Sakalian, 2009**

### ***Leguminosae***

*Acacia* {1}

CURLETTI & SAKALIAN, 2009 [#8792]

## ***Agrilus pouesseli* Baudon, 1960**

### ***Leguminosae***

*Pterocarpus macrocarpus* Kurz {1}

BAUDON, 1968 [#162]

## ***Agrilus pratensis* (Ratzeburg, 1837)**

**Synonyms** *confusinellus* Schaefer (unavailable); *djukini* Obenberger; *paracyaneus* Schaefer (unavailable); *robertii* Chevrolat

### ***Betulaceae***

*Betula* {0}

BACH, 1852 [#8076] – IL'INSKII, 1962 [#8685] (as *robertii*)

***Cornaceae****Cornus sanguinea* L. {0}DAEHNE, 1912 [#3609] (as *robertii*)***Fagaceae****Fagus* {0}

LETZNER, 1892 [#4469]

*Quercus* {0}MARSEUL, 1866 [#676] – STIERLIN & GAUTARD, 1869 [#8271] – FAVRE & BUGNION, 1890 [#5593] – LETZNER, 1892 [#4469] – STIERLIN, 1909 [#9006] – DAEHNE, 1912 [#3609] (as *robertii*)***Rosaceae****Pyrus* {0}

NÖRDLINGER, 1880 [#4432]

***Salicaceae****Populus* {3}KLIKA, 1873 [#8199] – HEYDEN, 1877 [#5716] (as *robertii*) – HEYDEN, 1877 [#8479] (as *robertii*) – BAUDUER, 1878 [#165] – GOBERT, 1878 [#5294] – LETZNER, 1892 [#4469] – DAEHNE, 1912 [#3609] (as *robertii*) – GALIBERT, 1932 [#8312] (as *robertii*) – ZOLOTARENKO, 1955! [#9618] (as *robertii*) – ALEXEEV, 1958! [#3982] (as *robertii*) – ZOLOTARENKO, 1959! [#8868] (as *robertii*) – IL'INSKIJ, 1962! [#8685] (as *robertii*) – CHARARAS, 1972! [#9206] – HELLRIGL, 1974 [#1207] (as *robertii*) – NIEHUIS, 1974 [#3629] – VOLKOVITSH, 1977 [#2985] (as *robertii*) – ALEXEEV, 1989 [#64] (as *djukini*) – WEIDLICH, 1989 [#6165] – KLETECKA, 1998! [#4416]*Populus alba* L. {2}CAILLOL, 1913 [#4053] (as *robertii*) – GOBBI, 1986 [#1100] – BRECHTEL & KOSTENBADER, 2002! [#5766]*Populus canadensis* Moench {3}GEORGIEV et al., 2004! [#6736] (as *Populus euramericana* Guinier)*Populus nigra* L. {3}HEYDEN, 1904 [#5717] – CAILLOL, 1913 [#4053] (as *robertii*) – BEDEL, 1921! [#170] (as *robertii*) – BEDEL, 1924 [#4486] (as *robertii*) – SCHAEFER, 1949

[#3285] – SCHAEFER, 1964 [#2575] (as *confusinellus*) – SCHAEFER, 1964 [#2575] (as *paracyaneus*) – GOBBI, 1986 [#1100] – NIEHUIS, 1988! [#1912] – BRECHTEL & KOSTENBADER, 2002! [#5766] – IZZILLO et al., 2002 [#6897] – NIEHUIS, 2004! [#6762]

*Populus nigra* var. *italica* Koehne {3}

SPARACIO, 1990 [#2652]

*Populus tremula* L. {3}

SCRIBA, 1861 [#8717] – MARSEUL, 1866 [#676] – NÖRDLINGER, 1880 [#4432] – HEYDEN, 1897! [#5286] – CARPENTIER & DELABY, 1908 [#7378] (as *robertii*) – CAILLOL, 1913 [#4053] (as *robertii*) – BEDEL, 1921! [#170] (as *robertii*) – ABOT, 1928 [#8304] (as *robertii*) – RAPP, 1934 [#8272] (as *robertii*) – SCHAEFER, 1949 [#3285] – SIMON, 1966 [#3266] – FRANZ, 1974 [#4334] – GOBBI, 1983 [#1098] – GOBBI, 1986 [#1100] – NIEHUIS, 1988! [#1912] – NIEHUIS, 2004! [#6762] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – KLETECKA, 2009 [#9165] – ŠKORPÍK et al., 2011 [#9173]

*Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D. {3}

CHEVROLAT, 1838! [#489] (as *robertii*)

*Salix* {1}

SCHAEFER, 1949 [#3285] – ALEXEEV, 1989 [#64] (as *djukini*)

*Salix purpurea* L. {1}

SCHAEFER, 1964 [#2575] (as *confusinellus*) – SCHAEFER, 1964 [#2575] (as *paracyaneus*)

**Synopsis** CHEVROLAT, 1838 [#489] (*Populus tremula*) (as *robertii*) – BACH, 1852 [#8076] (*Betula*) – FUSS, 1861 [#8465] (*Populus tremula*) – MARSEUL, 1866 [#676] (*Populus tremula*; *Quercus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Quercus*) – KLIKA, 1873 [#8199] (*Populus*) – HEYDEN, 1877 [#5716] (*Populus*) (as *robertii*) – HEYDEN, 1877 [#8479] (*Populus*) (as *robertii*) – BAUDUER, 1878 [#165] (*Populus*) – GOBERT, 1878 [#5294] (*Populus*) – NÖRDLINGER, 1880 [#4432] (*Pyrus*; *Populus tremula*) – BAUDUER, 1883 [#5143] (*Quercus*; *Populus*; *Populus tremula*; *Betula*) – FAVRE & BUGNION, 1890 [#5593] (*Quercus*) – LETZNER, 1892 [#4469] (*Quercus*; *Fagus*; *Populus*) – HEYDEN, 1897 [#5286] (*Populus tremula*) – HEYDEN, 1904 [#5717] (*Populus nigra*) – CARPENTIER & DELABY, 1908 [#7378] (*Populus tremula*) (as *robertii*) – STIERLIN, 1909 [#9006] (*Quercus*) – DAEHNE, 1912 [#3609] (*Cornus sanguinea*; *Quercus*; *Populus*) (as *robertii*) – CAILLOL, 1913 [#4053] (*Populus alba*; *P. nigra*; *P. tremula*) (as *robertii*) (biology) – BEDEL, 1921 [#170] (*Populus nigra*; *P. tremula*) (as *robertii*) (biology) – BEDEL, 1924 [#4486] (*Populus nigra*) (as *robertii*) – ABOT, 1928 [#8304] (*Populus tremula*) (as *robertii*) – GALIBERT, 1932 [#8312] (*Populus*) (as *robertii*) – RAPP, 1934 [#8272] (*Populus tremula*) (as *robertii*) – SAINTE CLAIRE, 1935 [#8551] (*Populus*) (as *robertii*) – PALMÉN, 1946 [#7730] (*Populus*) (as *robertii*) – SCHAEFER, 1949 [#2565] (*Populus alba*; *P. nigra*; *P. tremula*; *Salix*) (biology) – SCHAEFER, 1949 [#3285] (*Populus nigra*; *P. tremula*; rarely *Salix*) – HORION, 1955 [#1285] (*Populus tremula*; *P. alba*; *P. nigra*; ?*Salix*) (biology) – TER MINASYAN, 1955 [#7893] (*Populus*; *Salix*;

*Quercus*) (as *robertii*) – ZOLOTARENKO, 1955 [#9618] (*Populus*) (as *robertii*) – ALEXEEV, 1958 [#3982] (*Populus*) (as *robertii*) – ALEXEEV, 1959 [#3229] (*Populus*; *Salix*) – ALEXEEV, 1959 [#3229] (*Populus*; *Salix*) (as *robertii*) – PALM, 1959 [#9605] (*Populus*) – ZOLOTARENKO, 1959 [#8868] (*Populus*) (as *robertii*) – KHARAZISHVILI, 1960 [#8630] (*Populus*) (as *robertii*) – IL'INSKIJ, 1962 [#8685] (*Populus*; *Betula*) (as *robertii*) – ZAGAIKEVICH, 1962 [#3249] (*Populus*; *Salix*) (as *robertii*) – SCHAEFER, 1964 [#2575] (*Populus nigra*; *Salix purpurea*) (as *confusinellus*) – SCHAEFER, 1964 [#2575] (*Populus nigra*; *Salix purpurea*) (as *paracyaneus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix*; *Populus*) (as *robertii*) – SIMON, 1966 [#3266] (*Populus tremula*) – CHARARAS, 1972 [#9206] (*Populus*) – FRANZ, 1974 [#4334] (*Populus tremula*) – HELLRIGL, 1974 [#1207] (*Populus*) (as *robertii*) – NIEHUIS, 1974 [#3629] (*Populus*) – VOLKOVITSH, 1977 [#2985] (*Populus*) (as *robertii*) – BÍLÝ, 1982 [#295] (*Populus*) (biology) – GOBBI, 1983 [#1098] (*Populus tremula*) – GOBBI, 1986 [#1100] (*Salix*; *Populus*) (biology) – NIEHUIS, 1988 [#1912] (*Populus tremula*; *P. nigra*) (biology) – ALEXEEV, 1989 [#64] (*Salix*; *Populus*) (as *djukini*) – ALEXEEV, 1989 [#64] (*Salix*; *Populus*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Populus*; *Salix*) – WEIDLICH, 1989 [#6165] (*Populus*) – SPARACIO, 1990 [#2652] (*Populus nigra italica*) – CURLETTI, 1994 [#658] (*Populus*) – KLETECKA, 1998 [#4416] (*Populus*) – ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2001 [#5094] (*Populus x canadensis*) – STUMPF et al., 2001 [#5788] (*Populus*) – BÍLÝ, 2002 [#5877] (*Populus alba*; *P. nigra*; *P. tremula*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Populus alba*; *P. nigra*) (biology) – HASTIR & GASPAS, 2002 [#6211] (*Populus*) – IZZILLO et al., 2002 [#6897] (*Populus nigra*) – YANYTSKY, 2003 [#9052] (*Populus*; *Salix*) – GEORGIEV et al., 2004 [#6736] (*Populus euramericana*) – NIEHUIS, 2004 [#6762] (*Populus nigra*; *P. tremula*) (biology) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Populus*; *Quercus*) – VERDUGO PAÉZ, 2005 [#7256] (*Populus*; *Salix*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Populus tremula*) – KLETECKA, 2009 [#9165] (*Populus tremula*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Populus*) – ŠKORPÍK et al., 2011 [#9173] (*Populus tremula*) (biology)

**Remarks** *Agrilus pratensis* develops in *Populus*. *Salix* is not supported by larval records and other genera are unlikely.

## *Agrilus preysleri* Obenberger, 1933

### *Leguminosae*

*Acacia* {1}

OBENBERGER, 1933 [#2121]

## ***Agrilus prionurus* Chevrolat, 1838**

### ***Sapindaceae***

*Sapindus drummondii* Hook. & Arn. {3}

WELLSO & JACKMAN, 2006! [#7548]

**Synopsis** WELLSO & JACKMAN, 2006 [#7548] (*Sapindus drummondii*) – NELSON et al., 2008 [#8377] (*Sapindus*)

## ***Agrilus prosopidis* Fisher, 1928**

### ***Cannabaceae***

*Celtis ehrenbergiana* (Klotzsch) Liebm. {3}

MACRAE & NELSON, 2003! [#5977] (as *Celtis pallida* Torr.)

*Celtis laevigata* Willd. {3}

MACRAE, 2006! [#7542]

### ***Leguminosae***

*Acacia farnesiana* (L.) Willd. {1}

FISHER, 1928 [#980]

*Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes {3}

MACRAE & BASHAM, 2013! [#9563]

*Leucaena pulverulenta* (Schltdl.) Benth. {3}

MACRAE & BASHAM, 2013! [#9563]

*Parkinsonia aculeata* L. {3}

MACRAE & NELSON, 2003! [#5977] – MACRAE, 2006! [#7542]

*Prosopis glandulosa* Torr. {1}

NELSON et al., 1981 [#1903]

*Prosopis juliflora* (Sw.) DC. {1}

FISHER, 1928 [#980] – VOGT, 1949 [#2971]

### ***Rutaceae***

*Zanthoxylum fagara* (L.) Sarg. {3}

NELSON, 1987! [#1893]



**Synopsis** FISHER, 1928 [#980] (*Prosopis juliflora*; *Acacia farnesiana*) – VOGT, 1949 [#2971] (*Prosopis juliflora*; *Pithecellobium flexicaule*) – NELSON et al., 1981 [#1903] (*Prosopis glandulosa*) – NELSON, 1987 [#1893] (*Zanthoxylum fagara*) – MACRAE & NELSON, 2003 [#5977] (*Leucaena pulverulenta*[refers to *neoprosopidus* according to MACRAE & BASHAM, 2013 [#9563]]; *Celtis pallida*; *Parkinsonia aculeata*) – MACRAE, 2006 [#7542] (*Celtis laevigata*; *Pithecellobium ebano* [Misidentified as *pectoralis* according to MACRAE & BASHAM, 2013 [#9563]]; *Parkinsonia aculeata* [Misidentified as *pectoralis* according to MACRAE & BASHAM, 2013 [#9563]]) – NELSON et al., 2008 [#8377] (*Celtis*; *Leucaena*; *Parkinsonia*; *Prosopis*; *Zanthoxylum*; *Acacia*; *Ebenopsis*) – MACRAE & BASHAM, 2013 [#9563] (*Leucaena pulverulenta*; *Ebenopsis ebano*)

## ***Agrilus proteus* Abeille de Perrin, 1893**

### ***Salicaceae***

*Populus nivea* Willd. {1}

PEYERIMHOFF, 1926 [#4141] (as *Populus alba* var. *nivea* Aiton)

*Salix* {1}

ABEILLE DE PERRIN, 1893 [#8]

*Salix exigua* var. *pedicellata* (Andersson) Cronquist {1}

PEYERIMHOFF, 1926 [#4141]

**Synopsis** ABEILLE DE PERRIN, 1893 [#8] (*Salix*) – PEYERIMHOFF, 1926 [#4141] (*Salix pedicellata*; *Populus alba nivea*) – Théry, 1930 [#2754] (*Salix pedicellata*; *Populus alba*)

## ***Agrilus przewalskii* Obenberger, 1936**

### ***Compositae***

*Ajania fruticulosa* (Ledeb.) Poljakov {1}

ALEXEEV & VOLKOVITSH, 1989 [#3241] (misidentified as *aerosus*)

### ***Nitrariaceae***

*Nitraria* {1}

ALEXEEV, 1975 [#52] (misidentified as *aerosus*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (misidentified as *aerosus*)

**Synopsis** ALEXEEV, 1975 [#52] (*Nitraria*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Nitraria*; *Ajania fruticulosa*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Ajania fruticulosa*; *Nitraria*)

## ***Agrilus pseudoconstantini* Alexeev, 1981**

### ***Leguminosae***

*Caragana arborescens* Lam. {1}

ALEXEEV, 1981 [#62]

**Synopsis** ALEXEEV, 1981 [#62] (*Caragana arborescens*) – ALEXEEV, 1989 [#64] (*Caragana*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Caragana*)

## ***Agrilus pseudocoryli* Fisher, 1928**

### ***Betulaceae***

*Corylus americana* Walter {3}

FISHER, 1928! [#980]

*Corylus cornuta* ssp. *cornuta* Marshall {3}

FISHER, 1928! [#980] (as *Corylus rostrata* Aiton)

### ***Pinaceae***

*Abies* {0}

NELSON et al., 2008 [#8377]

**Synopsis** FISHER, 1928 [#980] (*Corylus rostrata*; *Corylus americana*) – BRIGHT, 1987 [#379] (*Corylus*) – DOWNIE & ARNETT, 1996 [#6170] (*Corylus*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Corylus americana*; *C. rostrata*) – KOROTYAEV et al., 2005 [#7284] (*Corylus americana*) – NELSON et al., 2008 [#8377] (*Corylus*; *Abies*) – PAIERO et al., 2012 [#9293] (*Corylus*)

## ***Agrilus pseudocyaneus* Kiesenwetter, 1857**

**Synonyms** *bialowiezaensis* Gutowski; *obrucevi* Obenberger

***Salicaceae****Populus tremula* L. {2}RAPP, 1934 [#8272] – GUTOWSKI, 1993 [#3638] (as *bialowiezaensis*) – GUTOWSKI, 2004! [#7384]*Salix* {0}

BEDEL, 1921 [#170] – ZAGAIKEVICH, 1962! [#3249] – ALEXEEV &amp; VOLKOVITSH, 1989! [#3241]

*Salix caprea* L. {0}

FRANZ, 1974 [#4334]

***Ulmaceae****Ulmus pumila* L. {0}GRECHKIN, 1957! [#8646] (as *obrucevi*)

**Synopsis** BEDEL, 1921 [#170] (*Salix*) (biology) – RAPP, 1934 [#8272] (*Populus tremula*) – SAINTE CLAIRE, 1935 [#8551] (*Salix*) – HORION, 1955 [#1285] (*Salix caprea*; *S. viminalis*) (biology) – GRECHKIN, 1957 [#8646] (*Ulmus pumila*) (as *obrucevi*) (biology) – ALEXEEV, 1959 [#3229] (*Salix caprea*) – ZAGAIKEVICH, 1962 [#3249] (*Salix*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix*) – FRANZ, 1974 [#4334] (*Salix caprea*) – BÍLÝ, 1982 [#295] (*Salix*) (biology) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Salix*) – GUTOWSKI, 1993 [#3638] (*Populus tremula*) (as *bialowiezaensis*) – JENDEK, 1995 [#3767] (*Populus tremula*) – BÍLÝ, 2002 [#5877] (*Populus tremula*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Salix viminalis*; *Salix caprea*) – GUTOWSKI, 2004 [#7384] (*Populus tremula*) (biology)

**Remarks** The taxonomic concept of this species was long time unknown or confused with *A. delphinensis*. Recently discovered types revealed that *A. pseudocyaneus* is a rare species known only from few specimens. The only reliable larval host is *Populus* cited under the synonymic name *A. bialowiezaensis*. All records for *Salix* are false and refer to *A. delphinensis*.

***Agrilus pseudofallax* Frost, 1923*****Fagaceae****Quercus* {1}

FROST, 1923 [#9183] – CHAMBERLIN, 1926 [#468] – FISHER, 1928 [#980]

## ***Leguminosae***

*Gleditsia triacanthos* L. {3}

KNULL, 1944 [#1546] – WELLSO, 1973 [#3078] – NELSON & WESTCOTT, 1976 [#1861] – MACRAE, 1991! [#1760] – WELLSO & JACKMAN, 2006! [#7548] – HANSEN et al., 2012! [#9388]

**Synopsis** FROST, 1923 [#9183] (*Quercus*) – CHAMBERLIN, 1926 [#468] (*Quercus*) – FISHER, 1928 [#980] (*Quercus*) – KNULL, 1944 [#1546] (*Gleditsia triacanthos*) – WELLSO, 1973 [#3078] (*Gleditsia triacanthos*) – NELSON & WESTCOTT, 1976 [#1861] (*Gleditsia triacanthos*) – WELLSO et al., 1976 [#3079] (*Gleditsia triacanthos*) – BRIGHT, 1987 [#379] (*Gleditsia; Quercus*) – MACRAE, 1991 [#1760] (*Gleditsia triacanthos*) – DOWNIE & ARNETT, 1996 [#6170] (*Gleditsia triacanthos*) – WELLSO & JACKMAN, 2006 [#7548] (*Gleditsia triacanthos*) – NELSON et al., 2008 [#8377] (*Gleditsia; Quercus*) – HANSEN et al., 2012 [#9388] (*Gleditsia triacanthos*) – PAIERO et al., 2012 [#9293] (*Gleditsia*)

**Remarks** The records for *Quercus* are likely misidentifications.

## ***Agrilus pseudolimoniastri* Cobos, 1968**

### ***Leguminosae***

*Caragana leucophloea* Pojark. {1}

ALEXEEV & VOLKOVITSH, 1989 [#3241]

*Caragana microphylla* Lam. {1}

ALEXEEV & VOLKOVITSH, 1989 [#3241]

**Synopsis** ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Caragana leucophloea*; *C. microphylla*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Caragana*)

## ***Agrilus pseudolitiratus* Descarpentries, 1959**

### ***Leguminosae***

*Acacia* {3}

DESCARPENTRIES, 1959! [#727]

***Agrilus pseudonubeculosus* Descarpentries, 1959*****Leguminosae****Acacia* {3}

DESCARPENTRIES, 1959! [#727]

***Agrilus pseudopurpuratus* Descarpentries & Bruneau de Miré, 1963*****Leguminosae****Acacia seyal* Delile {3}

DESCARPENTRIES &amp; BRUNEAU DE MIRÉ, 1963! [#717] – MATEU, 1972! [#4794]

***Agrilus pseudosericans* Obenberger, 1936*****Leguminosae****Caragana* {1}

ALEXEEV &amp; VOLKOVITSH, 1989 [#3241]

**Synopsis** ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Caragana*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Caragana*)**Remarks** *Caragana* was declared as a larval host but without supporting data.***Agrilus pubescens* Fisher, 1928****Synonyms** *parapubescens* Knull***Leguminosae****Acacia greggii* A. Gray {3}FISHER, 1928! [#980] – KNULL, 1972! [#1576] – NELSON & WESTCOTT, 1976 [#1861] (as *parapubescens*) – BARR, 2008 [#8188]*Prosopis juliflora* (Sw.) DC. {1}NELSON & WESTCOTT, 1976 [#1861] (as *parapubescens*)

**Synopsis** FISHER, 1928 [#980] (*Acacia greggii*) – KNOLL, 1972 [#1576] (*Acacia greggii*) – NELSON & WESTCOTT, 1976 [#1861] (*Acacia greggii*; *Prosopis juliflora*) (as *parapubescens*) – BARR, 2008 [#8188] (*Acacia greggii*) – NELSON et al., 2008 [#8377] (*Acacia*; *Prosopis*)

## ***Agrilus pubifrons* Fisher, 1928**

### ***Amaranthaceae***

*Grayia spinosa* (Hook.) Moq. {1}  
BARR, 1969 [#126]

### ***Compositae***

*Artemisia* {1}  
NELSON et al., 2008 [#8377]  
*Chrysothamnus* {1}  
NELSON & WESTCOTT, 1976 [#1861]  
*Chrysothamnus parryi* (A. Gray) Greene {1}  
BARR, 1969 [#126]  
*Chrysothamnus viscidiflorus* (Hook.) Nutt. {1}  
BARR, 1969 [#126]

**Synopsis** BARR, 1969 [#126] (*Chrysothamnus viridiflorus*; *Ch. parryi*; *Grayia spinosa*) – BARR, 1971 [#136] (*Chrysothamnus viscidiflorus*) – NELSON & WESTCOTT, 1976 [#1861] (*Chrysothamnus*) – NELSON et al., 2008 [#8377] (*Chrysothamnus*; *Artemesia* [sic!]; *Grayia*)

## ***Agrilus pubiventris* Kiesenwetter, 1857**

### ***Tamaricaceae***

*Tamarix* {1}  
THÉRY, 1930 [#2754]

***Agrilus pujoli* Descarpentries, 1963*****Rubiaceae****Coffea arabica* L. {3}

DESCARPENTRIES, 1963! [#734]

***Agrilus pulchellus* Bland, 1865*****Boraginaceae****Amsinckia* {1}

WESTCOTT, 2001 [#5090]

***Cannabaceae****Celtis ehrenbergiana* (Klotzsch) Liebm. {1}NELSON & WESTCOTT, 1991 [#1862] (as *Celtis pallida* Torr.)***Compositae****Chrysothamnus nauseosus* (Pall. ex Pursh) Britton {1}

NELSON &amp; WESTCOTT, 1991 [#1862]

*Erigeron* {3}

CHITTENDEN, 1900! [#5334] – WELLSO, 1973 [#3078]

***Fagaceae****Quercus arizonica* Sarg. {1}

NELSON &amp; WESTCOTT, 1991 [#1862]

***Malvaceae****Sphaeralcea* {1}

NELSON &amp; WESTCOTT, 1991 [#1862]

## ***Nyctaginaceae***

*Allionia incarnata* L. {1}

NELSON & WESTCOTT, 1991 [#1862]

*Boerhavia erecta* L. {1}

NELSON & WESTCOTT, 1991 [#1862]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Erigeron*) – FROST & WEISS, 1920 [#8210] (*Erigeron*) – CHAMBERLIN, 1926 [#468] (*Erigeron*) – FISHER, 1928 [#980] (*Erigeron*) – WELLSO, 1973 [#3078] (*Erigeron*) – NELSON & WESTCOTT, 1991 [#1862] (*Erigeron*; *Allionia incarnata*; *Boerhaavia*; *Celtis pallida*; *Chrysothamnus nauseosus*; *Quercus arizonica*; *Sphaeralcea*) (biology) – WESTCOTT, 2001 [#5090] (*Amsinckia*) – NELSON et al., 2008 [#8377] (*Erigeron*; *Allionia*; *Boerhavia*; *Celtis*; *Chrysothamnus*; *Quercus*; *Sphaeralcea*)

## ***Agrilus pulex* Curletti & Bellamy, 2005**

### ***Leguminosae***

*Acacia erubescens* Oliv. {1}

CURLETTI & BELLAMY, 2005 [#7125]

## ***Agrilus pulvereus* Abeille de Perrin, 1895**

### ***Amaranthaceae***

*Atriplex halimus* L. {1}

SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2005 [#7279]

*Suaeda vera* Forssk. ex J. F. Gmel. {3}

VERDUGO PAÉZ & COELLO, 2001! [#5702] – VERDUGO PAÉZ, 2002! [#5794]

### ***Rosaceae***

*Prunus amygdalus* Batsch {1}

SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2005 [#7279] (as *Prunus dulcis* (Mill.)  
D. A. Webb)



***Salicaceae****Populus nigra* L. {1}

SOBRINO SÁNCHEZ &amp; TOLOSA SÁNCHEZ, 2005 [#7279]

***Tamaricaceae****Tamarix* {1}

ARNÁIZ RUIZ &amp; BERCEDO PÁRAMO, 2001 [#5094]

*Tamarix africana* Poir. {1}

ARNÁIZ RUIZ &amp; BERCEDO PÁRAMO, 2001 [#5094]

***Ulmaceae****Ulmus* {1}

ARNÁIZ RUIZ &amp; BERCEDO PÁRAMO, 2001 [#5094]

**Synopsis** ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2001 [#5094] (*Tamarix*; *Tamarix africana*; *Ulmus*) – VERDUGO PAÉZ & COELLO, 2001 [#5702] (*Sueda vera*) – VERDUGO PAÉZ, 2002 [#5794] (*Sueda vera*) – ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2005 [#7286] (*Suaeda vera*) – SOBRINO SÁNCHEZ & TOLOSA SÁNCHEZ, 2005 [#7279] (*Tamarix*; *Prunus dulcis*; *Ulmus*; *Populus nigra*; *Suaeda vera*; *Atriplex halimus*) – VERDUGO PAÉZ, 2005 [#7256] (*Sueda*)

**Remarks** *Agrilus pulvereus* is recorded for host plants from six genera and five families which might indicate unresolved taxonomic concept of this taxon. The records for *Prunus*, *Populus* and *Ulmus* are very unlikely.

***Agrilus puncticeps* LeConte, 1860*****Juglandaceae****Juglans cinerea* L. {1}

FISHER &amp; NICOLAY, 1928 [#9786]

***Leguminosae****Gleditsia triacanthos* L. {1}

CHAMBERLIN, 1926 [#468]

## ***Agrilus pupalinus* Curletti, 1998**

### ***Cannabaceae***

*Celtis zenkeri* Engl. {3}

CURLETTI, 1998! [#4514]

## ***Agrilus purpuratus* (Klug, 1829)**

### ***Leguminosae***

*Acacia* {3}

HALPERIN & ARGAMAN, 2000! [#5124] – GOURVES, 2001! [#6244] – CURLETTI & HARTEN, 2002 [#5770]

*Acacia ehrenbergiana* Hayne {3}

DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] (as *Acacia flava* (Forssk.) Schweinf.) – MATEU, 1972! [#4794] (as *Acacia flava* (Forssk.) Schweinf.) – BÍLÝ, 1983 [#299] (as *Acacia flava* (Forssk.) Schweinf.)

*Acacia farnesiana* (L.) Willd. {2}

ALFIERI, 1976 [#74]

*Acacia gummifera* Willd. {3}

CURLETTI & MAGNANI, 1991! [#3255]

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

DESCARPENTRIES & MATEU, 1965 [#737] (as *Acacia raddiana* (Savi) Brenan) – MATEU, 1972! [#4794] (as *Acacia raddiana* (Savi) Brenan)

### ***Rhamnaceae***

*Zizyphus lotus* (L.) Lam. {1}

DESCARPENTRIES & MATEU, 1965 [#737]

**Synopsis** DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] (*Acacia* mostly *A. flava*) – DESCARPENTRIES & MATEU, 1965 [#737] (*Zizyphus lotus*; *Acacia raddiana*) – MATEU, 1972 [#4794] (*Acacia flava*; *A. raddiana*) (biology) – ALFIERI, 1976 [#74] (*Acacia farnesiana*) – BÍLÝ, 1983 [#299] (*Acacia flava*) – CURLETTI & MAGNANI, 1991 [#3255] (*Acacia gummifera*) – FADL et al., 1992 [#4018] (*Acacia farnesiana*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Acacia*) – GOURVES, 2001 [#6244] (*Acacia*) – CURLETTI & HARTEN, 2002 [#5770] (*Acacia*)

**Remarks** The proven larval host is *Acacia* (Leguminosae). The adult record from *Zizyphus* (Rhamnaceae) needs verification.

***Agrilus putillus parputillus* Knull, 1960*****Sapindaceae***

*Acer saccharum* ssp. *grandidentatum* (Torr. & A. Gray) Desmarais {1}  
 KNULL, 1960 [#1565] (as *Acer grandidentatum* Nutt.)

**Synopsis** KNULL, 1960 [#1565] (*Acer grandidentatum*) – NELSON et al., 2008 [#8377] (*Acer*)

***Agrilus putillus putillus* Say, 1833*****Cornaceae***

*Cornus* {3}  
 MACRAE & BASHAM, 2013! [#9563]

***Leguminosae***

*Gleditsia triacanthos* L. {3}  
 HESPENHEIDE, 1973! [#1220]

***Sapindaceae***

*Acer* {3}  
 HESPENHEIDE, 1976! [#1224] – HANSEN et al., 2012! [#9388]  
*Acer platanoides* L. {3}  
 HESPENHEIDE, 1969! [#1234] – HESPENHEIDE, 1973! [#1220]  
*Acer saccharum* Marshall {3}  
 FISHER, 1928 [#980] – HESPENHEIDE, 1969! [#1234] – HESPENHEIDE, 1973! [#1220]

**Synopsis** FISHER, 1928 [#980] (*Acer saccharum*) – HESPENHEIDE, 1969 [#1234] (*Acer saccharum*; *A. platanoides*) – HESPENHEIDE, 1973 [#1220] (*Acer saccharum*; *A. platanoides*; *Gleditsia triacanthos*) – HESPENHEIDE, 1976 [#1224] (*Acer*) – WELLSO et al., 1976 [#3079] (*Acer*) – BRIGHT, 1987 [#379] (*Acer*) – DOWNIE & ARNETT, 1996 [#6170] (*Acer saccharum*) – NELSON et al., 2008 [#8377] (*Acer*; *Gleditsia*) – HANSEN et al., 2012 [#9388] (*Acer*) – PAIERO et al., 2012 [#9293] (*Acer*; *Gleditsia*) – MACRAE & BASHAM, 2013 [#9563] (*Cornus*)

***Agrilus quadricostatus* Waterhouse, 1889**

***Leguminosae***

*Eysenhardtia polystachya* (Ortega) Sarg. {1}  
WESTCOTT & HESPENHEIDE, 2006 [#7908]

***Agrilus quadriguttatus fulminans* Fisher, 1928**

***Fagaceae***

*Quercus agrifolia* Née {1}  
FISHER, 1928 [#980]

***Salicaceae***

*Salix gooddingii* C. R. Ball {1}  
MACRAE, 2006 [#7542]

*Salix lasiolepis* Benth. {1}  
MACRAE, 2006 [#7542]

*Salix lucida* var. *lasiandra* (Benth.) Cronquist {1}  
FISHER, 1928 [#980] (as *Salix lasiandra* Benth.)

**Synopsis** FISHER, 1928 [#980] (*Quercus agrifolia*; *Salix lasiandra*) – DOANE et al., 1936 [#7341] (*Salix*) – MÜHLMANN, 1954 [#8152] (*Salix*) – BARR, 1971 [#136] (*Salix*) – MACRAE, 2006 [#7542] (*Salix gooddingii*; *S. lasiolepis*) – NELSON et al., 2008 [#8377] (*Salix*)

***Agrilus quadriguttatus quadriguttatus* Gory, 1841**

***Betulaceae***

*Alnus* {0}  
FISHER, 1928 [#980]

***Leguminosae***

*Albizia julibrissin* Durazz. {1}  
HANSEN et al., 2012 [#9388]

***Salicaceae****Salix* {3}

FISHER, 1928! [#980] – NELSON & WESTCOTT, 1976 [#1861] – HANSEN et al., 2012 [#9388]

*Salix interior* Rowlee {3}

MACRAE, 1991 [#1760]

*Salix nigra* Marshall {3}

MACRAE, 2006! [#7542]

**Synopsis** FISHER, 1928 [#980] (*Salix*; unlikely *Alnus*) – DOANE et al., 1936 [#7341] (*Salix*) – NELSON & WESTCOTT, 1976 [#1861] (*Salix*) – WELLSO et al., 1976 [#3079] (*Salix*) – BRIGHT, 1987 [#379] (*Salix*) – MACRAE, 1991 [#1760] (*Salix interior*) – DOWNIE & ARNETT, 1996 [#6170] (*Salix*) – MACRAE, 2006 [#7542] (*Salix nigra*) – NELSON et al., 2008 [#8377] (*Alnus*; *Salix*; *Populus*) – HANSEN et al., 2012 [#9388] (*Salix*; *Albizia julibrissin*) – PAIERO et al., 2012 [#9293] (*Alnus*; *Salix*)

**Remarks** *Agrilus quadriguttatus* develops in *Salix* (Salicaceae). The record for *Alnus* refers actually to *Salix* (see FISHER, 1928: 144).

***Agrilus quadriguttatus niveiventris* Horn, 1891*****Salicaceae****Populus* {3}

BURKE, 1917 [#406]

*Populus nigra* var. *italica* Koehne {3}

BURKE, 1917! [#406]

*Salix* {3}

FALL, 1894 [#9376] – FALL, 1901 [#8293] – BURKE, 1917 [#406] – HESPENHEIDE et al., 2011 [#9050]

*Salix lasiolepis* Benth. {3}

FISHER, 1928 [#980]

*Salix lucida* var. *lasiandra* (Benth.) Cronquist {3}

FISHER, 1928! [#980] (as *Salix lasiandra* Benth.)

**Synopsis** FALL, 1894 [#9376] (*Salix*) – FALL, 1901 [#8293] (*Salix*) – BURKE, 1917 [#406] (*Populus nigra italica*; *Populus*; *Salix*) (biology) – CHAMBERLIN, 1926 [#468] (*Populus nigra-italica*; *P. trichocarpa*; *Salix lasiandra*; *Quercus*) – FISHER, 1928 [#980] (*Salix lasiandra*; *S. lasiolepis*) – VAN DYKE, 1942 [#2952] (*Salix*) – NELSON et al., 2008 [#8377] (*Salix*) – HESPENHEIDE et al., 2011 [#9050] (*Salix*)

**Remarks** The records for *Populus* need verification.

## ***Agrilus quadriimpressus* Ziegler, 1845**

### ***Betulaceae***

*Ostrya virginiana* (Mill.) K. Koch {1}  
FISHER, 1928 [#980]

### ***Fagaceae***

*Quercus* {3}  
FISHER, 1928! [#980] – NELSON et al., 1996 [#3975]  
*Quercus stellata* Wangenh. {2}  
MACRAE, 1991 [#1760]  
*Quercus velutina* Lam {2}  
NELSON & MACRAE, 1990 [#1864]

### ***Juglandaceae***

*Carya alba* (L.) Nutt. ex Elliott {1}  
NELSON & MACRAE, 1990 [#1864] (as *Carya tomentosa* (Lam. ex Poir.) Nutt.)

**Synopsis** FISHER, 1928 [#980] (*Quercus*; *Ostrya virginiana*) – DOANE et al., 1936 [#7341] (*Quercus*) – WELLSO et al., 1976 [#3079] (*Quercus*) – BRIGHT, 1987 [#379] (*Quercus*) – NELSON & MACRAE, 1990 [#1864] (*Quercus velutina*; *Carya tomentosa*) – MACRAE, 1991 [#1760] (*Quercus stellata*) – DOWNIE & ARNETT, 1996 [#6170] (*Quercus*) – NELSON et al., 1996 [#3975] (*Quercus*) – NELSON et al., 2008 [#8377] (*Quercus*; *Carya*) – PAIERO et al., 2012 [#9293] (*Quercus*)

## ***Agrilus quadrinotatus* Gory, 1841**

### ***Leguminosae***

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}  
WESTCOTT et al., 2008 [#8193]

***Agrilus quadrisignatus* Marseul, 1866*****Salicaceae****Populus* {0}

MANDL, 1931 [#8501]

*Salix* {0}

MANDL, 1931 [#8501]

***Ulmaceae****Ulmus* {3}

MANDL, 1931 [#8501] – ALEXEEV, 1989 [#64]

*Ulmus macrocarpa* Hance {3}

ALEXEEV &amp; VOLKOVITSH, 1989! [#3241]

*Ulmus pumila* L. {3}

ALEXEEV &amp; VOLKOVITSH, 1989! [#3241]

**Synopsis** MANDL, 1931 [#8501] (*Umus*; *Salix*; *Populus*) – ALEXEEV, 1989 [#64] (*Ulmus*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Ulmus macrocarpa*; *Ulmus pumila*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Ulmus*)

**Remarks** *Agrilus quadrisignatus* develops in *Ulmus* (Ulmaceae). Records for *Salix* and *Populus* (Salicaceae) are false.

***Agrilus quercicola* Fisher, 1928*****Fagaceae****Quercus bicolor* Willd. {3}

SEVER et al., 2012! [#9294]

*Quercus falcata* Michx. {3}

SEVER et al., 2012! [#9294]

*Quercus gambelii* Nutt. {3}

SEVER et al., 2012! [#9294]

*Quercus grisea* Liebm. {2}

MACRAE &amp; BASHAM, 2013 [#9563]

*Quercus macrocarpa* Michx. {3}

SEVER et al., 2012! [#9294]

*Quercus rubra* L. {3}

SEVER et al., 2012! [#9294]

*Quercus shumardii* Buckley {3}

SEVER et al., 2012! [#9294]

**Synopsis** FISHER, 1928 [#980] (*Quercus utahensis*) – DOANE et al., 1936 [#7341] (*Quercus*) – NELSON et al., 2008 [#8377] (*Quercus*) – SEVER et al., 2012 [#9294] (*Quercus gambellii*; *Q. macrocarpa*; *Q. rubra*; *Q. falcata*; *Q. bicolor*; *Q. shumardii*; *Q. coccinea*; *Q. robur*) (biology) – MACRAE & BASHAM, 2013 [#9563] (*Quercus grisea*)

***Agrilus quercus* Schaeffer, 1905**

***Fagaceae***

*Quercus* {1}

FROST & WEISS, 1921 [#9670] – FISHER, 1928 [#980] – NELSON, 1987 [#1893]

*Quercus arizonica* Sarg. {1}

NELSON & WESTCOTT, 1976 [#1861]

*Quercus hypoleuroides* A. Camus {1}

NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** FROST & WEISS, 1921 [#9670] (*Quercus*) – FISHER, 1928 [#980] (*Quercus*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus arizonica*; *Q. hypoleuroides*) – NELSON, 1987 [#1893] (*Quercus*) – NELSON et al., 2008 [#8377] (*Quercus*)

**Remarks** The larval record is missing, but *Quercus* is likely the larval host plant of this species.

***Agrilus quetzalcoatl* Fisher, 1938**

***Leguminosae***

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus rabaticus* Théry, 1930**

***Amaranthaceae***

*Suaeda fruticosa* Forssk. ex J. F. Gmel. {1}

THÉRY, 1930 [#2754]



***Agrilus raphelisi* Obenberger, 1923*****Leguminosae***

*Acacia crassa* Pedley {3}  
 CURRETTI, 2001! [#5025]

**Synopsis** CURRETTI, 2001 [#5025] (*Acacia crassa*) – BELLAMY, 2002 [#5764]  
 (*Acacia crassa*)

***Agrilus raventazonus* Fisher, 1929*****Leguminosae***

*Inga oerstediana* Benth. {1}  
 CURRETTI, 2005 [#7579]

***Agrilus reffectus* Waterhouse, 1889*****Fagaceae***

*Quercus* {1}  
 WESTCOTT et al., 1990 [#3086]

***Agrilus regius* Curletti, 1998*****Cannabaceae***

*Celtis zenkeri* Engl. {3}  
 CURRETTI, 1998! [#4514]

***Agrilus reichardti* Obenberger, 1935*****Fagaceae***

*Quercus* {1}  
 JENDEK & GREBENNIKOV, 2011 [#8765]

**Synopsis** JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*)

## ***Agrilus relegatus alexeevi* Bellamy, 1998**

**Synonyms** *dualis* Alexeev & Bílý

### ***Fagaceae***

*Quercus* {3}

ALEXEEV, 1981 [#61] (as *dualis*) – BÍLÝ, 1984 [#304] (as *dualis*) – NIEHUIS & TEZCAN, 1993 [#1910] (as *dualis*) – HALPERIN & ARGAMAN, 2000! [#5124] (as *dualis*) – VOLKOVITSH, 2004 [#7001] – ATAY et al., 2012 [#9655]

*Quercus frainetto* Ten. {3}

BÍLÝ, 1979 [#287] (as *dualis*) – ALEXEEV & BÍLÝ, 1980! [#44] (as *dualis*)

*Quercus pubescens* Willd. {3}

BÍLÝ, 1979 [#287] (as *dualis*) – ALEXEEV & BÍLÝ, 1980! [#44] (as *dualis*)

*Quercus robur* L. {2}

ALEXEEV & BÍLÝ, 1980! [#44] (as *dualis*)

**Synopsis** BÍLÝ, 1979 [#287] (*Quercus pubescens*; *Q. frainetto*) (as *dualis*) – ALEXEEV & BÍLÝ, 1980 [#44] (*Quercus robur*; *Q. frainetto*; *Q. pubescens*) (as *dualis*) – ALEXEEV, 1981 [#61] (*Quercus*) (as *dualis*) – BÍLÝ, 1984 [#304] (*Quercus*) (as *dualis*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Quercus*) (as *dualis*) – Curletti, 1994 [#658] (*Quercus*) (as *dualis*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Quercus*) (as *dualis*) – VOLKOVITSH, 2004 [#7001] (*Quercus*) – ATAY et al., 2012 [#9655] (*Quercus*)

## ***Agrilus relegatoides relegatoides* Novak, 2003**

### ***Fagaceae***

*Quercus infectoria* ssp. *veneris* (A. Kern.) Meikle {3}

NOVAK, 2003! [#6158]

## ***Agrilus restrictus* Waterhouse, 1889**

### ***Anacardiaceae***

*Schmaltzia choriophylla* (Wooton & Standl.) F. A. Barkley {1}

NELSON, 1965 [#1873] (as *Rhus choriophylla* Wooton & Standl.)

***Fagaceae****Quercus emoryi* Torr. {1}

BELLAMY, 2002 [#6154]

**Synopsis** NELSON, 1965 [#1873] (*Rhus chlorophylla*) – BELLAMY, 2002 [#6154] (*Quercus emoryi*) – NELSON et al., 2008 [#8377] (*Quercus*; *Rhus*)***Agrilus rhoos* Królik & Niehuis, 2003*****Anacardiaceae****Rhus* {3}

KRÓLIK &amp; NIEHUIS, 2003! [#6156]

***Agrilus rhopalocerus* Pochon, 1972*****Leguminosae****Albizia* {1}

CURRETTI, 2002 [#5768]

***Agrilus ribbei* Kiesenwetter, 1879****Synonyms** *bakinensis* Obenberger; *iturupicus* Alexeev; *tibialis* Lewis***Betulaceae****Carpinus* {1}AKIYAMA & OHMOMO, 1997 [#4091] (as *tibialis*)***Fagaceae****Quercus* {3}KUROSAWA, 1963 [#1618] (as *tibialis*) – ALEXEEV, 1979! [#57] (as *iturupicus*) – ALEXEEV, 1979 [#57] (as *tibialis*) – ALEXEEV, 1989 [#64] (as *iturupicus*) – ALEXEEV, 1989 [#64]

*Quercus acutissima* Carruth. {2}

KO, JE HO, 1969 [#9209] (as *tibialis*)

*Quercus aliena* Blume {2}

KO, JE HO, 1969 [#9209] (as *tibialis*)

## ***Rosaceae***

*Rosa* {0}

KNOPE, 1975 [#9037] (as *bakinensis*)

**Synopsis** KUROSAWA, 1963 [#1618] (*Quercus*) (as *tibialis*) – KO, JE HO, 1969 [#9209] (*Quercus aliena*; *Q. acutissima*) (as *tibialis*) – KNOPE, 1975 [#9037] (*Rosa*) (as *bakinensis*) – ALEXEEV, 1979 [#57] (*Quercus*) (as *iturupicus*) – ALEXEEV, 1979 [#57] (*Quercus*) (as *tibialis*) – ALEXEEV, 1989 [#64] (*Quercus*) – ALEXEEV, 1989 [#64] (*Quercus*) (as *iturupicus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Carpinus*; *Quercus*) (as *tibialis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Carpinus*; *Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus*; *Carpinus*)

**Remarks** The record for *Rosa* is a misidentification of *A. cuprescens*.

## ***Agrilus ribesi* Schaefer, 1946**

### ***Betulaceae***

*Ostrya carpinifolia* Scop. {0}

GOBBI, 2002 [#6898]

### ***Grossulariaceae***

*Grossularia* {1}

ALEXEEV, 1989 [#64]

*Ribes* {3}

DEKHTIAREV, 1928! [#8663] (misidentified as *viridis*) – MIKHAL'TSOV, 1969! [#9441] (misidentified as *viridis*) – VOLKOVITSH, 1977! [#2985] (misidentified as *viridis aubei*) – ZABRANSKY, 1991 [#3546] – ESSER, 1998 [#6316] – NIEHUIS, 2004 [#6762]

*Ribes alpinum* L. {2}

NIEHUIS, 1997 [#4352] – NIEHUIS, 2004 [#6762]

*Ribes aureum* Pursh {2}

BRECHTEL & KOSTENBADER, 2002! [#5766]

*Ribes nigrum* L. {3}

SCHAEFER, 1946! [#3585] – ANISIMOVA, 1973! [#4032] (misidentified as *chrysoderes*) – ČECHOVSKÝ, 1988! [#3420] – KRÓLIK & MAJEWSKI, 1994 [#3471] – BREGANT et al., 1999 [#5822] – BRECHTEL & KOSTENBADER, 2002! [#5766] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – CHURILINA, 2011! [#9623] – ŠKORPÍK et al., 2011! [#9173]

*Ribes rubrum* L. {3}

SCHAEFER, 1946! [#3585] – SCHAEFER, 1968! [#2577] – KRÓLIK & MAJEWSKI, 1994 [#3471] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – ŠKORPÍK et al., 2011! [#9173]

*Ribes uva-crispa* L. {3}

SCHAEFER, 1946! [#3585] – BRECHTEL & KOSTENBADER, 2002! [#5766]

**Synopsis** DEKHTIAREV, 1928 [#8663] (*Ribes*) – SCHAEFER, 1946 [#3585] (*Ribes rubrum*, *R. uvacrispa*, *R. nigrum*) – SCHAEFER, 1949 [#2565] (*Ribes nigrum*) (biology) – RIKHTER, 1950 [#3881] (*Ribes*; *Grossularia*; *Rosa*) – HORION, 1955 [#1285] (*Ribes*; *Ribes nigrum*) – TER MINASYAN, 1955 [#7893] (*Ribes*) – SCHAEFER, 1968 [#2577] (*Ribes rubrum*) (biology) – MIKHAL'TSOV, 1969 [#9441] (*Ribes*) – SCHAEFER, 1972 [#2579] (*Ribes nigrum*; *R. rubrum*) – ANISIMOVA, 1973 [#4032] (*Ribes nigrum*) (biology) – VOLKOVITSH, 1977 [#2985] (*Ribes*) – SAVKOVSKII & RYBALOV, 1981 [#6092] (*Ribes*) (biology) – GOBBI, 1986 [#1100] (*Ribes*) – ČECHOVSKÝ, 1988 [#3420] (*Ribes nigrum*) – ALEXEEV, 1989 [#64] (*Ribes*; *Grossularia*) – ZABRANSKY, 1991 [#3546] (*Ribes*) – CURRETTI, 1994 [#658] (*Ribes nigrum*) – KRÓLIK & MAJEWSKI, 1994 [#3471] (*Ribes nigrum*; *R. rubrum*) – NIEHUIS, 1997 [#4352] (*Ribes alpinum*) – ESSER, 1998 [#6316] (*Ribes*) – LISKENNE, 1998 [#6018] (*Ribes*; *Rubus idaeus*) – YANYTSKY, 1998 [#4786] (*Ribes*) – BÍLÝ, 1999 [#4478] (*Ribes nigrum*) – BREGANT et al., 1999 [#5822] (*Ribes nigrum*) – BÍLÝ, 2002 [#5877] (*Ribes alpinum*; *R. aureum*; *R. grossularia*; *R. nigrum*; *R. rubrum*; *R. uvacrispa*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Ribes rubrum*; *R. nigrum*; *R. uvacrispa*; *R. aureum*) (biology) – GOBBI, 2002 [#6898] (*Ostrya carpinifolia*) – YANYTSKY, 2003 [#9052] (*Ribes*) – NIEHUIS, 2004 [#6762] (*Ribes*; *Ribes rubrum*) (biology) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Ribes nigrum*) – CHURILINA, 2011 [#9623] (*Ribes nigrum*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Grossularia*; *Ribes*) – ŠKORPÍK et al., 2011 [#9173] (*Ribes nigrum*; *R. rubrum*) (biology)

*Agrilus rifkindi pueblae* Hespeneide, 2009*Leguminosae**Acacia cochliacantha* Willd. {1}

HESPENHEIDE, 2009 [#9314]

***Agrilus rifkindi rifkindi* Hespeneide, 2009**

***Leguminosae***

*Acacia cochliacantha* Willd. {1}

HESPENHEIDE, 2009 [#9314]

*Mimosa* {1}

HESPENHEIDE, 2009 [#9314]

***Agrilus rilliardi* Baudon, 1988**

***Pinaceae***

*Pinus kesiya* Royle ex Gordon {1}

BAUDON, 1988 [#3979] (as *Pinus khasya* Hook. f.)

***Agrilus roscidinus* Obenberger, 1923**

***Leguminosae***

*Albizia* {1}

CURLETTI, 2002 [#5768]

*Albizia zygia* (DC.) J. F. Macbr. {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus roscidus* Kiesenwetter, 1857**

**Synonyms** *alticola* Abeille de Perrin; *griseocupreus* Schaefer (unavailable); *willcocksii* Théry

***Anacardiaceae***

*Cotinus* {0}

ALEXEEV, 1981 [#61]

*Pistacia atlantica* Desf. {0}

HALPERIN & ARGAMAN, 2000! [#5124]

*Pistacia lentiscus* L. {0}

PEYERIMHOFF, 1926 [#4141] – NOVAK, 1964 [#6567]

*Pistacia terebinthus* L. {0}

NOVAK, 1964 [#6567]

*Pistacia vera* L. {0}

NIEHUIS & TEZCAN, 1993 [#1910]

*Rhus* {0}

NIEHUIS & TEZCAN, 1993! [#1910]

*Rhus coriaria* L. {0}

GEORGHIOU, 1977! [#7381]

## ***Cannabaceae***

*Celtis australis* L. {1}

NIEHUIS & TEZCAN, 1993 [#1910]

## ***Celastraceae***

*Euonymus europaeus* L. {1}

BÍLÝ, 2002 [#5877]

## ***Cistaceae***

*Cistus* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

## ***Cornaceae***

*Cornus* {3}

NIEHUIS & TEZCAN, 1993! [#1910]

*Cornus sanguinea* L. {3}

ŠKORPÍK et al., 2011! [#9173] (as *Swida sanguinea* (L.) Opiz)

## ***Cupressaceae***

*Cupressus* {1}

NIEHUIS & TEZCAN, 1993! [#1910]

## ***Ebenaceae***

*Diospyros* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

## ***Ericaceae***

*Arbutus* {0}

SAKALIAN, 2000 [#5128]

## ***Fagaceae***

*Quercus* {0}

PÉNEAU, 1911 [#8928] – NIEHUIS & TEZCAN, 1993 [#1910]

## ***Juglandaceae***

*Juglans regia* L. {1}

NIEHUIS & TEZCAN, 1993 [#1910]

## ***Leguminosae***

*Acacia* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

*Ceratonia* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

## ***Loranthaceae***

*Loranthus europaeus* Jacq. {0}

BÍLÝ, 2002 [#5877]

## ***Lythraceae***

*Punica granatum* L. {0}

NIEHUIS & TEZCAN, 1993 [#1910]



***Moraceae***

*Ficus carica* L. {0}

AKSIT et al., 2005 [#7096]

***Oleaceae***

*Fraxinus* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

*Olea* {0}

NIEHUIS & TEZCAN, 1993 [#1910] – SAKALIAN, 2000 [#5128]

***Pinaceae***

*Pinus halepensis* Mill. {1}

HALPERIN & ARGAMAN, 2000! [#5124]

***Platanaceae***

*Platanus* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

***Rhamnaceae***

*Frangula dodonei* Ard. {3}

BREGANT, 1977! [#3414] (as *Frangula alnus* Mill.)

*Rhamnus alaternus* L. {2}

SCHAEFER, 1951 [#3283]

*Rhamnus cathartica* L. {3}

SPEISER, 1893 [#9578] – ALEXEEV, 1957! [#3226] – ALEXEEV, 1959 [#3229]

***Rosaceae***

*Amygdalus* {3}

HAVELKA, 1964 [#3433] – VOLKOVITSH, 2004! [#7001] – BOLU & ÖZGEN, 2011 [#9256]

*Cerasus avium* (L.) Moench {2}

THÉRY, 1930 [#2754] (as *willcocksii*) – THÉRY, 1930 [#2754] – NIEHUIS & TEZCAN, 1993 [#1910]

*Cerasus mahaleb* (L.) Mill. {2}

SCHAEFER, 1937! [#3280] (as *Prunus mahaleb* L.)

*Crataegus* {3}

SCHAEFER, 1937! [#3280] – SCHAEFER, 1964 [#2575] – BREGANT, 1977 [#3414] – NIEHUIS & TEZCAN, 1993 [#1910]

*Cydonia oblonga* Mill. {1}

NIEHUIS & TEZCAN, 1993 [#1910] (as *Cydonia vulgaris* Pers.)

*Malus domestica* Borkh. {3}

XAMBEU, 1893! [#7788] – GALIBERT, 1932 [#8312] – ALFIERI, 1976! [#74] (as *willcocksii*) – GEORGHIOU, 1977! [#7381] – WEIDLICH, 1989 [#6165]

*Malus sylvestris* Mill. {2}

NIEHUIS & TEZCAN, 1993 [#1910]

*Mespilus* {2}

BAUDUER, 1878 [#165]

*Mespilus germanica* L. {2}

GOBERT, 1878 [#5294]

*Prunus* {3}

GOBERT, 1878 [#5294] – XAMBEU, 1893! [#7788] – NIEHUIS & TEZCAN, 1993! [#1910]

*Prunus amygdalus* Batsch {3}

SCHAEFER, 1937! [#3280]

*Prunus armeniaca* L. {3}

ALFIERI, 1976! [#74] (as *willcocksii*)

*Prunus avium* (L.) L. {2}

ŠKORPÍK et al., 2011 [#9173]

*Prunus cocomilia* Ten. {2}

NIEHUIS & TEZCAN, 1993 [#1910]

*Prunus domestica* L. {2}

NIEHUIS & TEZCAN, 1993 [#1910]

*Prunus persica* (L.) Batsch {3}

NIEHUIS & TEZCAN, 1993 [#1910] (as *Persica vulgaris* Mill.)

*Prunus persica* (L.) Stokes {3}

THÉRY, 1914! [#2714] (as *willcocksii*) – ALFIERI, 1976! [#74] (as *willcocksii*)

*Prunus spinosa* L. {2}

ŠKORPÍK et al., 2011 [#9173]

*Pyrus* {2}

BAUDUER, 1878 [#165] – SCHAEFER, 1933 [#7497] (as *alticola*)

*Pyrus amygdaliformis* Vill. {2}

SCHAEFER, 1949 [#2565] – SCHAEFER, 1961 [#2574] – SCHAEFER, 1964 [#2575] – GOBBI, 1971 [#1092]

*Pyrus communis* L. {2}

SCHAEFER, 1949 [#2565] – WEIDLICH, 1989 [#6165] – NIEHUIS & TEZCAN, 1993 [#1910] – GHAHARI & BELLAMY, 2012 [#9601]

*Pyrus elaeagnifolia* Pall. {2}

NIEHUIS & TEZCAN, 1993 [#1910]

*Pyrus malus* L. {2}

NOVAK, 1964 [#6567]

*Rosa* {3}

NIEHUIS & TEZCAN, 1993 [#1910]

*Rosa canina* L. {3}

NIEHUIS & TEZCAN, 1993 [#1910] – ŠKORPÍK et al., 2011! [#9173]

*Rubus* {0}

PERRIS, 1877! [#3722] – BAUDUER, 1878 [#165] – GOBERT, 1878 [#5294] – DELHERM DE LARCENNE, 1885 [#3924] – GALIBERT, 1932 [#8312] – NIEHUIS & TEZCAN, 1993 [#1910]

*Rubus fruticosus* L. {0}

NOVAK, 1964 [#6567]

*Sorbus aria* Crantz {1}

SCHAEFER, 1949 [#2565]

## ***Salicaceae***

*Populus tremula* L. {0}

GOBERT, 1878 [#5294]

*Salix* {1}

BREGANT, 1977 [#3414] – NIEHUIS & TEZCAN, 1993 [#1910] – VOLKOVITSH, 2004 [#7001]

*Salix alba* L. {1}

SCHAEFER, 1964 [#2575] (as *griseocupreus*)

*Salix cinerea* L. {1}

SCHAEFER, 1964 [#2575] (as *griseocupreus*)

*Salix elaeagnos* Scop. {1}

SCHAEFER, 1961 [#2574] (as *griseocupreus*) (as *Salix incana* Schrank)

*Salix purpurea* L. {1}

SCHAEFER, 1964 [#2575] (as *griseocupreus*)

## ***Santalaceae***

*Viscum album* L. {0}

BREGANT, 1977! [#3414]

## ***Styracaceae***

*Styrax* {0}

NIEHUIS & TEZCAN, 1993 [#1910]

**Ulmaceae***Ulmus* {1}

SCHAEFER, 1964 [#2575] – CURLETTI, 1980 [#641] – NIEHUIS & TEZCAN, 1993 [#1910]

*Ulmus campestris* L. {1}

PEYERIMHOFF, 1926 [#4141]

**Vitaceae***Vitis vinifera* L. {0}

WEIDLICH, 1989 [#6165]

**Synopsis** PERRIS, 1877 [#3722] (*Rubus*) – BAUDUER, 1878 [#165] (*Pyrus*; *Mespilus*; *Rubus*) – GOBERT, 1878 [#5294] (*Rubus*; *Populus tremula*; *Prunus*; *Mespilus germanica*) – BAUDUER, 1883 [#5143] (*Pyrus*; *Mespilus*; *Rubus*) – DELHERM DE LARZENNE, 1885 [#3924] (*Rubus*) – SPEISER, 1893 [#9578] (*Rhamnus cathartica*) – XAMBEU, 1893 [#7788] (*Prunus*; *Malus*) (biology) – PÉNEAU, 1911 [#8928] (*Quercus*) – CAILLOL, 1913 [#4053] (*Crataegus*; *Prunus*; *Malus*; *Pyrus*; *Mespilus*; *Rubus*; *Quercus*) (biology) – THÉRY, 1914 [#2714] (*Prunus persica*) (as *willcocksii*) – PEYERIMHOFF, 1926 [#4141] (*Ulmus campestris*; *Pistacia lentiscus*) – THÉRY, 1930 [#2754] (*Cerasus avium*; *Prunus persica*) (as *willcocksii*) – THÉRY, 1930 [#2754] (*Cerasus avium*) – GALIBERT, 1932 [#8312] (*Rubus*; *Malus*) – SCHAEFER, 1933 [#7497] (*Pyrus*) (as *alticola*) – SAINTE CLAIRE, 1935 [#8551] (*Rubus*) – SAINTE CLAIRE, 1935 [#8551] (*Rubus*) (as *subalpinus*) – SCHAEFER, 1936 [#3278] (Rosaceae) – SCHAEFER, 1937 [#3280] (*Prunus mahaleb*; *Crataegus*; *Prunus amygdalus*) – SCHAEFER, 1949 [#2565] (*Malus*; *Crataegus*; *Prunus*; *Amygdalus*; *Persica*; *Pyrus*; *Sorbus*; *Cerasus*; *Mespilus*) (biology) – SCHAEFER, 1951 [#3283] (*Rhamnus alaternus*) – HORION, 1955 [#1285] (*Malus*; *Pyrus*; *Amygdalus*; *Prunus*; *Mespilus*; *Crataegus*; *Prunus mahaleb*; *Sorbus aria*) (biology) – ALEXEEV, 1957 [#3226] (*Rhamnus cathartica*) (biology) – ALEXEEV, 1959 [#3229] (*Rhamnus cathartica*) – SCHAEFER, 1961 [#2574] (*Pyrus amygdaliformis*) – SCHAEFER, 1961 [#2574] (*Salix*) (as *griseocupreus*) – BALACHOWSKY et al., 1962 [#96] (*Prunus*; *Malus*; *Sorbus*; *Pyrus*; *Ceratonia*; *Ulmus*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Frangula dodonei*) (biology) – HAVELKA, 1964 [#3433] (*Amygdalus*) – NOVAK, 1964 [#6567] (*Pistacia*; *Rubus*; *Amygdalus*; *Pyrus*; *Prunus*) – SCHAEFER, 1964 [#2575] (*Pirys amygdaliformis*; *Ulmus*; *Crataegus*) – SCHAEFER, 1964 [#2575] (*Salix purpurea*; *S. cinerea*; *S. alba*) (as *griseocupreus*) – TROPIN, 1965 [#8652] (*Cornus sanguinea*) (biology) – GOBBI, 1971 [#1092] (*Pyrus amygdaliformis*) – ALFIERI, 1976 [#74] (*Prunus armeniaca*; *Malus*; *Prunus persica*) (as *willcocksii*) – BREGANT, 1977 [#3414] (*Crataegus*; *Frangula alnus*; *Viscum album*; *Salix*) (biology) – GEORGHIOU, 1977 [#7381] (*Malus*; *Rhus coriaria*) – HELLRIGL, 1978 [#3442] (*Pyrus*; *Malus*; *Prunus*; *Cerasus*; *Persica*; *Armeniaca*; *Mespilus*; *Sorbus*; *Crataegus*) (biology) – CURLETTI, 1980 [#641] (*Ulmus*) – ALEXEEV, 1981

[#61] (*Prunus*; *Malus*; *Pyrus*; *Frangula*; *Cotinus*; *Rhus*; *Pistacia*; *Sorbus*) – BAUMANN, 1987 [#3393] (*Rubus*) – WEIDLICH, 1989 [#6165] (*Pyrus communis*; *Malus domestica*; *Vitis vinifera*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Acacia*; *Amygdalus*; *Armeniaca*; *Celtis*; *Cerasus*; *Ceratonia*; *Cistus*; *Cornus*; *Crataegus*; *Cupressus*; *Cydonia*; *Diospyros*; *Fraxinus*; *Juglans*; *Malus*; *Olea*; *Persica*; *Pistacia*; *Platanus*; *Prunus*; *Punica*; *Pyrus*; *Quercus*; *Rhus*; *Rosa*; *Rubus*; *Salix*; *Styrax*; *Ulmus*) – CURLETTI, 1994 [#658] (*Ceratonia*; *Crataegus*; *Cydonia*; *Malus*; *Mespilus*; *Prunus*; *Populus*; *Pyrus*; *Salix*; *Sorbus*; *Ulmus*) – CURLETTI, 1998 [#5344] (*Prunus domestica*) – BÍLÝ, 1999 [#4478] (*Swida sanguinea*; *Quercus*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Pinus halepensis*; *Pistacia atlantica*) – MÜHLE et al., 2000 [#4970] (*Viscum*) – SAKALIAN, 2000 [#5128] (*Arbutus*; *Olea*) – BÍLÝ, 2002 [#5877] (*Amygdalus*; *Armeniaca*; *Cerasus*; *Crataegus*; *Euonymus*; *Loranthus*; *Malus*; *Mespilus*; *Persica*; *Prunus*; *Pyrus*; *Quercus*; *Sorbus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Prunus*; *Pyrus*; *Malus*; *Mespilus*; *Crataegus*; *Sorbus*) (biology) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Frangula alnus*) – SAKALIAN, 2004 [#6728] (*Arbutus*) – VOLKOVITSH, 2004 [#7001] (*Salix*; *Amygdalus*) – AKSIT et al., 2005 [#7096] (*Ficus carica*) – NIKITSKII et al., 2008 [#8610] (*Pistacia*) – BOLU & ÖZGEN, 2010 [#9245] (*Amygdalus communis*) (biology) – BOLU & ÖZGEN, 2011 [#9256] (*Amygdalus*) – ŠKORPIK et al., 2011 [#9173] (*Prunus avium*; *Rosa canina*; *Prunus spinosa*; *Swida sanguinea*) (biology) – GHAHARI & BELLAMY, 2012 [#9601] (*Pyrus communis*)

**Remarks** Taxonomy of *Agrilus roscidus* is unresolved and its identification is a challenge even for an expert. The rate of this species misidentifications is above-average. In the last decades, several closely related new species were derived from *A. roscidus* and described as new taxa. *Agrilus roscidus* is proven for following hosts: Cornaceae (*Cornus*); Rhamnaceae (*Frangula*, *Rhamnus*) and Rosaceae (*Amygdalus*, *Armeniaca*, *Crataegus*, *Malus*, *Prunus*, *Pyrus*, *Rosa*). The following Rosaceae are likely but need verification: *Cerasus*, *Cydonia*, *Mespilus*, *Sorbus*. Very interesting are larval records referring to Gymnosperms – *Cupressus* and *Pinus halepensis* which need reconfirmation. Records for *Pistacia*, *Rhus* (Anacardiaceae) are misidentifications and refer to *A. marozzinii*, *A. sylviae*, *A. chlorophyllus* or *A. rhoos*. Records for *Loranthus* (Loranthaceae), *Rubus* (Rosaceae) and *Viscum* (Santalaceae) refer most likely to other closely related taxa like *A. kubani*, *A. viridicaerulans rubi*, *A. viscivorus* and *A. jacetanus*.

## *Agrilus rosei* Niehuis & Bernhard, 2005

### *Malvaceae*

*Tilia* {1}

NIEHUIS & BERNHARD, 2005 [#7127]

## ***Ulmaceae***

*Ulmus glabra* Huds. {1}  
FLOBMANN, 2010 [#9247]

## ***Agrilus rougeoti* Descarpentries & Villiers, 1963**

## ***Rutaceae***

*Chloroxylon swietenia* DC. {3}  
JENDEK & GREBENNIKOV, 2011! [#8765]

## ***Agrilus rubroniger* Hespeneide, 1979**

## ***Fagaceae***

*Quercus laevis* Walter {1}  
HESPENHEIDE, 1979 [#3447]  
*Quercus laurifolia* Michx. {1}  
WESTCOTT, 2007 [#8009]

**Synopsis** HESPENHEIDE, 1979 [#3447] (*Quercus laevis*) – WESTCOTT, 2007 [#8009]  
(*Quercus laurifolia*) – NELSON et al., 2008 [#8377] (huckleberry; *Quercus*)

## ***Agrilus rubrovittatus* (Waterhouse, 1889)**

## ***Nyctaginaceae***

*Boerhavia erecta* L. {1}  
NELSON & WESTCOTT, 1976 [#1861]

## ***Poaceae***

*Muhlenbergia longiligula* Hitchc. {1}  
NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** NELSON & WESTCOTT, 1976 [#1861] (*Boerhaavia erecta*; *Muhlenbergia longiligula*) – NELSON & WESTCOTT, 1991 [#1862] (*Boerhaavia erecta*; *Muhlenbergia longiligula*) (biology) – NELSON et al., 2008 [#8377] (*Muhlenbergia*)

## ***Agrilus rudicollis* Alexeev, 1979**

### ***Ulmaceae***

*Ulmus davidiana* var. *japonica* (Rehder) Nakai {3}

ALEXEEV, 1979! [#57] (as *Ulmus japonica* (Rehder) Sarg.) – ALEXEEV, 1981! [#59] (as *Ulmus japonica* (Rehder) Sarg.)

**Synopsis** ALEXEEV, 1979 [#57] (*Ulmus japonica* (il'm belokorii)) – ALEXEEV, 1981 [#59] (*Ulmus japonica*) – ALEXEEV, 1989 [#64] (*Ulmus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Ulmus*)

## ***Agrilus ruficollis* (Fabricius, 1787)**

**Synonyms** *cupricollis* Gory

### ***Fagaceae***

*Quercus* {0}

TOWNSEND, 1893 [#7713] – CHAMBERLIN, 1926 [#468]

*Quercus myrtifolia* Willd. {0}

CAPELOUTO, 1949 [#417] (as *cupricollis*)

### ***Rosaceae***

*Bossekia odorata* (L.) Greene {1}

HUTCHINGS, 1923 [#5406] (as *Rubus odoratus* L.)

*Rubus* {3}

LECONTE, 1860! [#1698] – GLOVER, 1869! [#5368] – HOPKINS, 1892! [#5576] – FELT, 1900! [#8214] – FELT, 1918! [#9544] – MUTCHLER & WEISS, 1922! [#1858] – CHAMBERLIN, 1926 [#468] – MÜHLMANN, 1954! [#8152] – SOLOMON, 1995! [#7647]

*Rubus canadensis* L. {3}

LINTNER, 1885! [#6016]

*Rubus corchorifolius* L. f. {3}

HALDEMAN, 1847! [#9361] (as *Rubus villosus* Thunb.) – HUTCHINGS, 1923! [#5406] (as *Rubus villosus* Thunb.)

*Rubus fruticosus* L. {3}

BLANCHARD, 1889 [#345] – HORN, 1891! [#4177] – SMITH, 1892! [#9515] – SMITH, 1892! [#5416] – SMITH, 1896! [#7348] – GREEN, 1909! [#7344] – SMITH, 1910! [#2634] – O'KANE, 1912! [#7347] – SANDERSON, 1912! [#7337] – PETERSON, 1957! [#6647] – JOHNSON & MAYES, 1989! [#4231] – SOLOMON, 1995! [#7647]

*Rubus idaeus* L. {3}

TREAT, 1882! [#7349] – HORN, 1891! [#4177] – BETHUNE, 1908! [#9537] – GREEN, 1909! [#7344] – SMITH, 1910! [#2634] – O'KANE, 1912! [#7347] – SANDERSON, 1912! [#7337] – PETERSON, 1957! [#6647] – SOLOMON, 1995! [#7647]

## *Salicaceae*

*Salix* {0}

CHAMBERLIN, 1926 [#468]

**Synopsis** HALDEMAN, 1847 [#9361] (*Rubus villosus*) (biology) – LeCONTE, 1860 [#1698] (*Rubus*) – GLOVER, 1869 [#5368] (*Rubus idaeus*) – TREAT, 1882 [#7349] (*Rubus idaeus*) (biology) – LINTNER, 1885 [#6016] (*Rubus canadensis*) – BLANCHARD, 1889 [#345] (*Rubus fruticosus*) – HORN, 1891 [#4177] (*Rubus idaeus*; *Rubus fruticosus*) – HOPKINS, 1892 [#5576] (*Rubus*) – SMITH, 1892 [#9515] (*Rubus fruticosus*) (biology) – SMITH, 1892 [#5416] (*Rubus fruticosus*) (biology) – TOWNSEND, 1893 [#7713] (*Quercus*) – SMITH, 1896 [#7348] (*Rubus fruticosus*) (biology) – CHITTENDEN, 1900 [#5334] (*Rubus fruticosus*; *Rubus idaeus*; *Rubus*) – FELT, 1900 [#8214] (*Rubus*) – FELT, 1900 [#9754] (*Rubus*) – BETHUNE, 1908 [#9537] (*Rubus idaeus*) (biology) – GREEN, 1909 [#7344] (*Rubus idaeus*; *R. fruticosus*) (biology) – SMITH, 1910 [#2634] (*Rubus idaeus*; *R. fruticosus*) (biology) – O'KANE, 1912 [#7347] (*Rubus idaeus*; *R. fruticosus*) (biology) – SANDERSON, 1912 [#7337] (*Rubus idaeus*; *R. fruticosus*) (biology) – REH, 1913 [#8153] (*Rubus*) (biology) – KELLOGG & DOANE, 1915 [#7345] (*Rubus*) – FELT, 1918 [#9544] (*Rubus*) – BLATCHLEY, 1919 [#5043] (*Vaccinium*) (as *cupricollis*) – FROST & WEISS, 1920 [#8210] (huckleberry [*Vaccinium* or *Gaylussacia*]) (as *cupricollis*) – FROST & WEISS, 1920 [#8210] (*Rubus*) – KNULL, 1922 [#1509] (*Rubus idaeus*; *R. fruticosus*) – MUTCHLER & WEISS, 1922 [#1858] (*Rubus*) (biology) – HUTCHINGS, 1923 [#5406] (*Rubus idaeus*; *R. fruticosus*; *R. odoratus*) (biology) – CHAMBERLIN, 1926 [#468] (*Rubus*; *Salix*; *Quercus*) – FISHER, 1928 [#980] (*Rubus*) – FISHER & NICOLAY, 1928 [#9786] (*Rubus*) – CAPELOUTO, 1949 [#417] (*Quercus myrtifolia*) (as *cupricollis*) – MÜHLMANN, 1954 [#8152] (*Rubus*) (biology) – PETERSON, 1957 [#6647] (*Rubus idaeus*; *R. fruticosus*) – WELLSO et al., 1976 [#3079] (*Rubus*) – BRIGHT, 1987 [#379] (*Rubus*) – JOHNSON & MAYES, 1989 [#4231] (*Rubus fruticosus*) (biology) – SOLOMON, 1995 [#7647] (*Rubus idaeus*; *R. fruticosus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Rubus*) – CRANSHAW, 2004 [#9681] (*Rubus*)



*idaeus*; *R. fruticosus*) (biology) – KOROTYAEV et al., 2005 [#7284] (*Rubus*) – NELSON et al., 2008 [#8377] (*Rubus*) – PAIERO et al., 2012 [#9293] (*Rubus*)

## ***Agrilus rufuscapitae* Curletti, 2005**

### ***Leguminosae***

*Inga oerstediana* Benth. {1}  
 CURLETTI, 2005 [#7579]

## ***Agrilus sachalinicola* Obenberger, 1940**

**Synonyms** *tamanukii* Stepanov

### ***Betulaceae***

*Alnus hirsuta* (Spach) Rupr. {1}  
 AKIYAMA & OHMOMO, 1997 [#4091]

### ***Salicaceae***

*Populus* {1}  
 STEPANOV, 1954 [#2662] (as *tamanukii*)  
*Salix caprea* L. {1}  
 AKIYAMA & OHMOMO, 1997 [#4091] (as *Salix bakko* Kimura)

**Synopsis** STEPANOV, 1954 [#2662] (*Populus*) (as *tamanukii*) – CARLSON & KNIGHT, 1969 [#419] (*Salix*) (as *tamanukii*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Alnus hirsuta*; *Salix bakko*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Alnus*; *Salix*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Salix bakko*; *Alnus hirsuta*)

## ***Agrilus sagittarius* Curletti, 1997**

### ***Cannabaceae***

*Celtis zenkeri* Engl. {3}  
 CURLETTI, 1997! [#4087]

## ***Agrilus sahelicus* Curletti, 1998**

### ***Leguminosae***

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

CURLETTI, 1998! [#4514] (as *Acacia raddiana* (Savi) Brenan)

## ***Agrilus salicis* Frivaldszky, 1877**

**Synonyms** *acutangulus* Schaefer; *acutangulus* Théry (unavailable); *aurichalceus* Abeille de Perrin (unavailable); *boleslavensis* Obenberger (unavailable); *lugovoi* Stepanov

### ***Grossulariaceae***

*Ribes* {0}

SCHAEFER, 1949 [#3285] (as *aurichalceus*)

### ***Rosaceae***

*Rosa* {0}

SCHAEFER, 1949 [#3285] (as *aurichalceus*)

*Rubus* {0}

SCRIBA, 1865 [#8927] (as *aurichalceus*) – HEYDEN, 1877 [#8479]  
(as *aurichalceus*) – SCHAEFER, 1949 [#3285] (as *aurichalceus*)

### ***Salicaceae***

*Populus* {0}

STEPANOV, 1958 [#3664] (as *lugovoi*)

*Salix* {3}

ALEXEEV, 1958! [#3982] (misidentified as *aurichalceus*) – ALEXEEV, 1975! [#52]  
(misidentified as *aurichalceus*) – PROKHOROV, 2009 [#9353]

*Salix amygdalina* L. {3}

LEKIČ, 1959! [#3624] (as *acutangulus*)

*Salix angustifolia* Willd {2}

SPEISER, 1893 [#9578] (misidentified as *aurichalceus*)

*Salix aurita* L. {3}

SCHAEFER, 1949 [#3285] (as *acutangulus*) – SCHAEFER, 1949 [#2565] (as *acutangulus*) – FRANZ, 1974 [#4334] (as *acutangulus*) – NIEHUIS & BETTAG, 1987! [#3386] (as *acutangulus*) – NIEHUIS, 1988 [#1912] – BRECHTEL & KOSTENBADER, 2002! [#5766]

*Salix caprea* L. {3}

SCHAEFER, 1949 [#3285] (as *acutangulus*) – SCHAEFER, 1949 [#2565] (as *acutangulus*) – FRANZ, 1974 [#4334] (as *acutangulus*) – FRANZ, 1974 [#4334] (as *boleslavensis*) – VOLKOVITSH, 1977! [#2985] (misidentified as *aurichalceus*) – NIEHUIS & BETTAG, 1987! [#3386] (as *acutangulus*) – BRECHTEL & KOSTENBADER, 2002! [#5766]

*Salix cinerea* L. {3}

NIEHUIS & BETTAG, 1987! [#3386] (as *acutangulus*) – NIEHUIS & TEZCAN, 1993! [#1910] – BRECHTEL & KOSTENBADER, 2002! [#5766] – KLETECKA, 2009 [#9165]

*Salix elaeagnos* Scop. {3}

SCHAEFER, 1959 [#3284] (as *acutangulus*) (as *Salix incana* Schrank) – SCHAEFER, 1963! [#3591] (as *acutangulus*) (as *Salix incana* Schrank)

*Salix glauca* var. *acutifolia* (Hook.) C. K. Schneid. {3}

GUTOWSKI & MILKOWSKI, 2008! [#8244] (as *Salix acutifolia* Willd.)

*Salix purpurea* L. {3}

LEKIČ, 1959! [#3624] (as *acutangulus*)

*Salix repens* L. {3}

FRIVALDSZKY, 1877! [#3933] – STEPANOV, 1958! [#3664] (as *lugovoi*) – JENDEK, 2003! [#5878] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Salix rosmarinifolia* L. {3}

ALEXEEV, 1959! [#3229] (misidentified as *aurichalceus*) – RIKHTER & ALEXEEV, 1965! [#2522] (misidentified as *aurichalceus*) – SOMORJAI, 1986 [#2645] – RUICANESCU, 1993 [#3257] – KLETECKA, 2009 [#9165] – ŠKORPÍK et al., 2011 [#9173]

*Salix triandra* L. {3}

ALEXEEV, 1959! [#3229] (misidentified as *aurichalceus*) – RIKHTER & ALEXEEV, 1965! [#2522] (misidentified as *aurichalceus*)

*Salix viminalis* L. {3}

LEKIČ, 1959! [#3624] (as *acutangulus*) – GOTTWALD & HORNBERG, 2004 [#7007] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

**Synopsis** SCRIBA, 1865 [#8927] (*Rubus*) (as *aurichalceus*) – FRIVALDSZKY, 1877 [#3933] (*Salix repens*) – HEYDEN, 1877 [#8479] (*Rubus*) (as *aurichalceus*) – SPEISER, 1893 [#9578] (*Salix angustifolia*) – THÉRY, 1942 [#2873] (*Salix*) (as *acutangulus*) – SCHAEFER, 1949 [#2565] (*Salix aurita*; *S. caprea*) (as *acutangulus*) (biology) – SCHAEFER, 1949 [#3285] (*Salix aurita*; *S. caprea*) (as *acutangulus*) – SCHAEFER, 1949 [#3285] (*Rosa*; *Ribes*; *Rubus*) (as *aurichalceus*) – HORION, 1955 [#1285] (*Salix aurita*; *S. caprea*; *S. viminalis*) (as *acutangulus*) (biology) – ALEXEEV, 1958 [#3982] (*Salix*) – STEPANOV, 1958 [#3664] (*Populus*; *Salix repens*) (as *lugovoi*) – ALEXEEV, 1959 [#3229] (*Salix*)

*rosmarinifolia*; *S. triandra*) – LEKIČ, 1959 [#3624] (*Salix viminalis*; *S. amygdalina*; *S. purpurea*) (as *acutangulus*) (biology) – SCHAEFER, 1959 [#3284] (*Salix incana*) (as *acutangulus*) – ALEXEEV, 1961 [#3243] (*Salix*) – BALACHOWSKY et al., 1962 [#96] (*Salix viminalis*; *S. purpurea*; *S. amygdalina*; *S. americana*) (as *acutangulus*) – ZAGAIKEVICH, 1962 [#3249] (*Salix*) (biology) – SCHAEFER, 1963 [#3591] (*Salix incana*) (as *acutangulus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Salix triandra*; *S. rossica*; *S. rosmarinifolia*) – GOTTWALD, 1968 [#1114] (*Salix aurita*; *S. caprea*) (as *acutangulus*) – GOBBI, 1970 [#1091] (*Salix incana*) (as *acutangulus*) – FRANZ, 1974 [#4334] (*Salix caprea*) (as *boleslavensis*) – FRANZ, 1974 [#4334] (*Salix aurita*; *S. caprea*) (as *acutangulus*) – GURYEVA, 1974 [#5428] (*Salix*) – ALEXEEV, 1975 [#52] (*Salix*) – VOLKOVITSH, 1977 [#2985] (*Salix caprea*) – HELLRIGL, 1978 [#3442] (*Salix caprea*; *S. aurita*; *S. viminalis*; *S. incana*; *S. purpurea*; *S. amygdalina*; *S. americana*) (as *acutangulus*) – ALEXEEV, 1981 [#61] (*Salix*) (as *acutangulus*) – GOBBI, 1986 [#1100] (*Salix*) (as *acutangulus*) – SOMORJAI, 1986 [#2645] (*Salix rosmarinifolia*) – NIEHUIS & BETTAG, 1987 [#3386] (*Salix cinerea*; *S. aurita*; *S. caprea*) (as *acutangulus*) – NIEHUIS, 1988 [#1912] (*Salix aurita*) (biology) – NIEHUIS & TEZCAN, 1993 [#1910] (*Salix cinerea*) – RUICANESCU, 1993 [#3257] (*Salix rosmarinifolia*) – CURLETTI, 1994 [#658] (*Salix*) – RUICANESCU, 1995 [#3204] (*Salix rosmarinifolia*) – STUMPF et al., 2001 [#5788] (*Salix*) – BÍLÝ, 2002 [#5877] (*Salix aurita*; *S. caprea*; *S. cinerea*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Salix caprea*; *S. aurita*; *S. cinerea*) (biology) – JENDEK, 2003 [#5878] (*Salix*; *Salix repens*) – YANYTSKY, 2003 [#9052] (*Salix*) (as *acutangulus*) – GOTTWALD & HORNBERG, 2004 [#7007] (*Salix viminalis*) – NIEHUIS, 2004 [#6762] (*Salix*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Salix caprea*; *S. aurita*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Salix viminalis*; *Salix acutifolia*; *Salix repens*) – NIKITSKII et al., 2008 [#8610] (*Salix*) – KLETECKA, 2009 [#9165] (*Salix rosmarinifolia*; *Salix cinerea*) – PROKHOROV, 2009 [#9353] (*Salix*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Salix*) – ŠKORPÍK et al., 2011 [#9173] (*Salix*)

**Remarks** The only verified larval hosts are those from *Salix* (Salicaceae).

## *Agrilus salviaphilos* Manley, 1979

### *Fagaceae*

*Quercus* {1}

MACRAE & BASHAM, 2013 [#9563]

### *Lamiaceae*

*Salvia* {1}

MACRAE & BASHAM, 2013 [#9563]

*Salvia ballotiflora* Benth. {1}

MANLEY, 1979 [#1774]

**Synopsis** MANLEY, 1979 [#1774] (*Salvia ballotaeflora*) – NELSON et al., 2008 [#8377] (*Salvia*) – MACRAE & BASHAM, 2013 [#9563] (*Quercus*; *Salvia*)

## *Agrilus salweenensis* Stebbing, 1914

### *Leguminosae*

*Xylia xylocarpa* (Roxb.) Taub. {3}

STEBBING, 1914! [#2658] (as *Xylia dolabriformis* Benth.) – BEESON, 1919! [#3395] (as *Xylia dolabriformis* Benth.) – BEESON, 1941! [#178] (as *Xylia dolabriformis* Benth.)

## *Agrilus samai* Magnani, 1995

### *Fagaceae*

*Quercus alnifolia* Poech {3}

MAGNANI, 1995! [#3210]

## *Agrilus sapindi* Knull, 1938

### *Sapindaceae*

*Sapindus drummondii* Hook. & Arn. {1}

KNULL, 1938 [#1532] – NELSON & WESTCOTT, 1976 [#1861] – NELSON et al., 1981 [#1903]

**Synopsis** KNULL, 1938 [#1532] (*Sapindus drummondii*) – NELSON & WESTCOTT, 1976 [#1861] (*Sapindus drummondii*) – NELSON et al., 1981 [#1903] (*Sapindus drummondii*) – NELSON et al., 2008 [#8377] (*Sapindus*)

**Remarks** *Sapindus* is likely the larval host of *A. sapindi*, but the larval host record is still missing.

***Agrilus satoi* Kurosawa, 1954**

***Salicaceae***

*Salix* {1}

CARLSON & KNIGHT, 1969 [#419]

***Agrilus satyrus* Curletti, 2006**

***Dipterocarpaceae***

*Anisoptera thurifera* (Blanco) Blume {1}

CURLETTI, 2006 [#7966]

***Fagaceae***

*Lithocarpus* {1}

CURLETTI, 2006 [#7966]

***Agrilus saucius* Curletti, 2002**

***Leguminosae***

*Albizia zygia* (DC.) J. F. Macbr. {1}

CURLETTI & VAYSSIÈRES, 2007 [#8004]

***Agrilus sayi* Saunders, 1870**

**Synonyms** *browni* Carlson & Knight; *lateralis* Say

***Betulaceae***

*Alnus incana* (L.) Moench {0}

FROST & WEISS, 1920 [#8210] (as *lateralis*)

***Bromeliaceae***

*Tillandsia usneoides* (L.) L. {0}

BLATCHLEY, 1923 [#5046] (as *lateralis*)

***Myricaceae***

*Comptonia peregrina* (L.) Coult. {3}

KNULL, 1922 [#1509] (as *lateralis*) – CRAIGHEAD, 1950! [#5409] (as *lateralis*)

*Myrica caroliniensis* Mill. {3}

SAY, 1823 [#2559] (as *lateralis*) – FISHER, 1922! [#968] (as *lateralis*) – KNULL,

1922! [#1509] (as *lateralis*) – CHAMBERLIN, 1926! [#468] (as *lateralis*)

*Myrica pensylvanica* Mirb. {2}

CARLSON & KNIGHT, 1969 [#419] (as *browni*)

***Salicaceae***

*Populus* {0}

CHITTENDEN, 1900 [#5334] (as *lateralis*)

**Synopsis** SAY, 1823 [#2559] (*Myrica carolinensis* [see neotype designation by FISHER, 1928]) (as *lateralis*) – CHITTENDEN, 1900 [#5334] (*Populus*) (as *lateralis*) – FROST & WEISS, 1920 [#8210] (*Alnus incana*; *Populus*) (as *lateralis*) – FISHER, 1922 [#968] (*Myrica carolinensis*) (as *lateralis*) (biology) – KNULL, 1922 [#1509] (*Comptonia peregrina*; *Myrica carolinensis*) (as *lateralis*) – MUTCHLER & WEISS, 1922 [#1858] (*Alnus incana*) (as *lateralis*) – BLATCHLEY, 1923 [#5046] (*Tillandsia usneoides* on *Cupressus*) (as *lateralis*) – CHAMBERLIN, 1926 [#468] (*Populus*; *Comptonia peregrina*; *Myrica carolinensis*) (as *lateralis*) – FISHER, 1928 [#980] (*Myrica carolinensis*; *Comptonia peregrina*) (as *lateralis*) – FISHER & NICOLAY, 1928 [#9786] (*Myrica*; *Comptonia*) (as *lateralis*) – CRAIGHEAD, 1950 [#5409] (*Comptonia peregrina*) (as *lateralis*) (biology) – CARLSON & KNIGHT, 1969 [#419] (*Myrica pensylvanica*; *Myrica asplenifolia*) (as *browni*) – CARLSON & KNIGHT, 1969 [#419] (*Myrica pensylvanica*) (as *lateralis*) – BRIGHT, 1987 [#379] (*Myrica*; *Comptonia*; *Populus*; *Quercus*) – SOLOMON, 1995 [#7647] (*Myrica*; *Comptonia*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Myrica carolinensis*; *Comptonia peregrina*) – NELSON et al., 2008 [#8377] (*Myrica*; *Comptonia*) – PAIERO et al., 2012 [#9293] (*Morella carolinensis*, *Comptonia peregrina*)

***Agrilus schmidli* Curletti, 2005**

***Simaroubaceae***

*Simarouba amara* Aubl. {1}  
CURLETTI, 2005 [#7579]

***Agrilus schwerdtfegeri* Schwerdtfeger, 1953**

***Pinaceae***

*Pinus maximinoi* H. E. Moore {3}  
SCHWERDTFEGER, 1953! [#9021] (as *Pinus tenuifolia* Benth.)

**Synopsis** SCHWERDTFEGER, 1953 [#9021] (larval host: *Pinus tenuifolia* Benth) –  
JENDEK, 2013 [#9482] (*Pinus tenuifolia*)

***Agrilus scitulus* Horn, 1891**

***Juglandaceae***

*Carya pecan* (Marshall) Nutt. {1}  
NELSON & WESTCOTT, 1976 [#1861]

***Leguminosae***

*Acacia farnesiana* (L.) Willd. {1}  
CHITTENDEN, 1900 [#5334]

***Sapindaceae***

*Sapindus* {3}  
MANLEY, 1977! [#1772]  
*Sapindus drummondii* Hook. & Arn. {3}  
NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** CHITTENDEN, 1900 [#5334] (*Acacia farnesiana*) – FROST & WEISS, 1920  
[#9782] (*Acacia farnesiana*) – CHAMBERLIN, 1926 [#468] (*Acacia farnesiana*) –



FISHER, 1928 [#980] (*Acacia farnesiana*) – NELSON & WESTCOTT, 1976 [#1861] (*Sapindus drummondii*; *Carya pecan*) – MANLEY, 1977 [#1772] (*Sapindus*) – NELSON et al., 2008 [#8377] (*Sapindus*)

### ***Agrilus scythicus* Królik & Janicki, 2005**

#### ***Leguminosae***

*Genista albida* Willd. {1}

KRÓLIK & JANICKI, 2005 [#7324]

**Remarks** The type specimens were collected on *Genista* which is likely the host of *A. scythicus*.

### ***Agrilus seiunctus* Curletti & Dutto, 1999**

#### ***Leguminosae***

*Albizia* {3}

CURLETTI & DUTTO, 1999! [#9059]

### ***Agrilus sekii sekii* Ohmomo, 2004**

#### ***Cannabaceae***

*Celtis boninensis* Koidz. {3}

OHMOMO, 2004! [#6850] (as *Celtis liukuensis* Nakai)

**Synopsis** OHMOMO, 2004 [#6850] (*Celtis liukuensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis liukuensis*)

### ***Agrilus sekii yaeyamanus* Ohmomo, 2004**

#### ***Cannabaceae***

*Celtis boninensis* Koidz. {3}

OHMOMO, 2004! [#6850] (as *Celtis liukuensis* Nakai)

***Agrilus semerdjievi* Curletti & Sakalian, 2009**

***Leguminosae***

*Acacia* {1}

CURLETTI & SAKALIAN, 2009 [#8792]

***Agrilus semiaurovittatus* Kurosawa, 1954**

***Salicaceae***

*Salix* {1}

CARLSON & KNIGHT, 1969 [#419]

***Agrilus sericans* Kiesenwetter, 1857**

***Amaranthaceae***

*Krascheninnikovia ceratoides* (L.) Gueldenst. {1}

ALEXEEV, 1981 [#61] (as *Eurotia ceratoides* (L.) Hook.)

***Compositae***

*Artemisia* {3}

ALEXEEV, 1981! [#61] – VOLKOVITSH & ALEXEEV, 1994! [#2974] – TLEPPAEVA & ISHKOV, 2004! [#7211] – TLEPPAEVA, 2013! [#9532]

*Artemisia alba* Turra {2}

RIKHTER & ALEXEEV, 1965! [#2522]

*Artemisia frigida* Willd. {3}

ALEXEEV, 1959 [#3229] – TLEPPAEVA, 1999! [#6551]

*Artemisia gmelinii* Weber ex Stechm. {2}

TLEPPAEVA, 1999! [#6551] (as *Artemisia santolinifolia* Turcz. ex Besser)

*Artemisia incana* (L.) Druce {2}

ALEXEEV, 1959 [#3229]

*Artemisia maritima* L. {3}

ALEXEEV, 1959 [#3229] (as *Artemisia salina* Wild.)

*Artemisia santonicum* L.. {3}

SPEISER, 1893 [#9578] (as *Artemisia monogyna* Waldst. & Kit.) – CSIKI, 1915! [#3914] (as *Artemisia monogyna* Waldst. & Kit.) – NIEHUIS & TEZCAN, 1993 [#1910] (as *Artemisia monogyna* Waldst. & Kit.)

**Synopsis** SPEISER, 1893 [#9578] (*Artemisia monogyna*) – CSIKI, 1915 [#3914] (*Artemisia monogyna*) – RIKHTER, 1945 [#3507] (*Artemisia maritima*) – RIKHTER, 1948 [#3879] (*Artemisia maritima*) – ALEXEEV, 1959 [#3229] (*Artemisia incana*; *A. salina*; *A. frigida*) – ALEXEEV, 1961 [#3243] (*Artemisia maritima*) – ZAGAIKEVICH, 1962 [#3249] (*Artemisia*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Artemisia alba*) – GOTTWALD, 1968 [#1114] (*Artemisia*) – ALEXEEV, 1981 [#61] (*Artemisia*; *Eurotia ceratoides*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Artemisia monogyna*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Artemisia*) – RUICANESCU, 1995 [#3204] (*Artemisia santonicum*) – BÍLÝ, 1999 [#4478] (*Artemisia maritima*) – TLEPPAEVA, 1999 [#6551] (*Artemisia santolinifolia*; *A. frigida*) – BÍLÝ, 2002 [#5877] (*Artemisia campestris*; *A. maritima*) (biology) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Artemisia santonica*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Artemisia*) – TLEPPAEVA, 2013 [#9532] (*Artemisia*)

**Remarks** Record for *Krascheninnikovia* is likely misidentification of *A. morawitzii*.

***Agrilus servus* Curletti & Dutto, 1999*****Leguminosae****Acacia* {1}

CURLETTI & DUTTO, 1999 [#9059]

***Agrilus sexguttatus* (Thunberg, 1789)*****Leguminosae****Acacia karroo* Hayne {1}

BELLAMY & WESTCOTT, 1995 [#3733]

*Acacia tortilis* (Forssk.) Hayne {1}

BELLAMY et al., 1988 [#248]

***Rhamnaceae****Ziziphus mucronata* Willd. {1}

BELLAMY & WESTCOTT, 1995 [#3733]

## ***Agrilus sexsignatus* Fisher, 1921**

### ***Myrtaceae***

*Eucalyptus deglupta* Blume {3}

VIADO, 1979! [#4188] – BRAZA, 1987! [#4224] – BRAZA, 1988! [#4235] – BRAZA, 1989! [#377] – NOYES, 1990! [#4230] – BRAZA, 1992! [#5064]

**Synopsis** VIADO, 1979 [#4188] (*Eucalyptus deglupta*) (biology) – MERCER, 1986 [#6128] (*Eucalyptus deglupta*) – BRAZA, 1987 [#4224] (*Eucalyptus deglupta*) – BRAZA, 1988 [#4235] (*Eucalyptus deglupta*) – BRAZA, 1989 [#377] (*Eucalyptus deglupta*) (biology) – NOYES, 1990 [#4230] (*Eucalyptus deglupta*) – BRAZA, 1992 [#5064] (*Eucalyptus deglupta*) (biology)

## ***Agrilus shashamboe* Kurosawa, 1963**

### ***Ericaceae***

*Vaccinium* {1}

KUROSAWA, 1963 [#1618]

*Vaccinium bracteatum* Thunb. {1}

KUROSAWA, 1963 [#1617]

### ***Rosaceae***

*Rhaphiolepis umbellata* (Thunb.) Makino {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** KUROSAWA, 1963 [#1617] (*Vaccinium bracteatum*) – KUROSAWA, 1963 [#1618] (*Vaccinium*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Vaccinium bracteatum*; *Rhaphiolepis umbellata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Rhaphiolepis*; *Vaccinium*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Vaccinium bracteatum*; *Rhaphiolepis umbellata*)

## ***Agrilus shibatai* Kurosawa, 1964**

### ***Fagaceae***

*Castanopsis sieboldii* var. *lutchuensis* (Koidz.) T. Yamaz. & Mas {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Castanopsis lutchuensis* (Koidz.) Nakai)

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Castanopsis lutchuensis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Castanopsis lutchuensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Castanopsis lutchuensis*)

### ***Agrilus sibiricus fukushimenis* Jendek, 1994**

#### ***Sapindaceae***

*Acer* {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Acer*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Acer*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Acer*)

### ***Agrilus sibiricus sibiricus* Obenberger, 1912**

**Synonyms** *insuspectus* Obenberger

#### ***Sapindaceae***

*Acer* {1}

KUROSAWA, 1963 [#1618] (as *insuspectus*)

### ***Agrilus sinuatus sachalinensis* Obenberger, 1935**

**Synonyms** *yokoyamai* Iga; *zhelochovtsevi* Alexeev

#### ***Rosaceae***

*Crataegus* {3}

ALEXEEV, 1989 [#64] (as *zhelochovtsevi*) – ALEXEEV & VOLKOVITSH, 1989! [#3241] (as *zhelochovtsevi*)

*Crataegus maximowiczii* C. K. Schneid. {3}

ALEXEEV, 1979! [#57] (as *zhelochovtsevi*)

*Padus grayana* (Maxim.) C. K. Schneid. {1}

KUROSAWA, 1963 [#1618] (as *yokoyamai*) (as *Prunus grayana* Maxim.)

*Sorbus* {2}

KUROSAWA, 1963 [#1618] (as *yokoyamai*) – ALEXEEV, 1989 [#64]

*Sorbus alnifolia* (Siebold & Zucc.) C. Koch {2}

AKIYAMA & OHMOMO, 1997 [#4091] (as *yokoyamai*)

*Sorbus commixta* Hedl. {2}

AKIYAMA & OHMOMO, 1997 [#4091] (as *yokoyamai*)

**Synopsis** KUROSAWA, 1963 [#1618] (*Prunus grayana*; *Sorbus*) (as *yokoyamai*) – ALEXEEV, 1979 [#57] (*Crataegus maximowiczii*) (as *zhelochovtsevi*) – ALEXEEV, 1989 [#64] (*Sorbus*) – ALEXEEV, 1989 [#64] (*Crataegus*) (as *zhelochovtsevi*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Crataegus*) (as *zhelochovtsevi*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Sorbus commixta*; *S. alnifolia*) (as *yokoyamai*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Crataegus*; *Sorbus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Sorbus alnifolia*; *S. commixta*)

## ***Agrilus sinuatus sinuatus* (Olivier, 1790)**

**Synonyms** *chryseis* Curtis; *pyri* Blanchard

## ***Betulaceae***

*Betula* {0}

CAILLOL, 1913! [#4053] – ABOT, 1928 [#8304]

## ***Fagaceae***

*Quercus* {0}

CALWER, 1858 [#8204] – KELLER, 1864 [#8984] – LOKAJ, 1869 [#4332]

## ***Rosaceae***

*Cotoneaster* {1}

DEMAREST, 1928! [#1706]

*Crataegus* {3}

BACH, 1852! [#8076] – BAUDUER, 1878 [#165] – NÖRDLINGER, 1880 [#4432] – NÖRDLINGER, 1884! [#8879] – STIERLIN, 1893 [#9016] – HEYDEN, 1904 [#5717] – CARPENTIER & DELABY, 1908 [#7378] – CAILLOL, 1913! [#4053] – ABOT, 1928 [#8304] – DEMAREST, 1928! [#1706] – HAVELKA, 1964 [#3433] – SIMON, 1966

- [#3266] – GOBBI, 1970 [#1091] – KUBÁŇ, 1979! [#3473] – KADĚRA, 1986 [#5631] – ZABRANSKY, 1991! [#3546] – HEAL, 1994 [#4281] – HACKETT, 1995! [#6346] – JONES, 1996! [#4273] – ALEXANDER, 1997! [#6359] – DUFF, 1997! [#6351] – TOLASCH, 1998! [#4399] – APPLETON, 2004 [#8578] – NIEHUIS, 2004! [#6762] – STUMPF, 2004! [#7369] – KLETECKA, 2009! [#9165] – STUMPF, 2010! [#9372] – ŠKORPÍK et al., 2011! [#9173]
- Crataegus azarolus* L. {3}  
SCHAEFER, 1949! [#2565]
- Crataegus curvisepala* Lindm. {3}  
KIESENWETTER, 1857 [#3015] (as *Crataegus oxyacantha* L.) – MARSEUL, 1866 [#676] (as *Crataegus oxyacantha* L.)
- Crataegus laevigata* (Poir.) DC. {3}  
PASSY, 1901! [#8985] (as *Crataegus oxyacanthoides* Thuil.)
- Crataegus monogyna* Jacq. {3}  
BRECHTEL & KOSTENBADER, 2002! [#5766] – TWINN, 2003! [#6979] – GUTOWSKI & MILKOWSKI, 2008! [#8244]
- Cydonia* {2}  
DEMAREST, 1928! [#1706] – SCHAEFER, 1949 [#2565]
- Malus* {3}  
LAFOSSE, 1899! [#8766] – RAPP, 1934 [#8272]
- Malus domestica* Borkh. {3}  
NÖRDLINGER, 1884! [#8879] – XAMBEU, 1893! [#7788] – RIKHTER, 1945 [#3507] – NIEHUIS, 2004! [#6762]
- Malus pumila* Mill. {3}  
SIMON, 1966 [#3266] (as *Malus communis* Poir.)
- Mespilus* {3}  
BAUDUER, 1878 [#165] – CAILLOL, 1913! [#4053]
- Mespilus germanica* L. {3}  
BEDEL, 1921! [#170] – SCHAEFER, 1949! [#3285] – SCHAEFER, 1949! [#2565] – ŠKORPÍK et al., 2011! [#9173]
- Prunus* {3}  
CAILLOL, 1913! [#4053]
- Prunus divaricata* Ledeb. {3}  
NIEHUIS & TEZCAN, 1993 [#1910]
- Pyrus* {3}  
BLANCHARD, 1845! [#8952] (as *pyri*) – BACH, 1852! [#8076] – GÉHIN, 1860! [#3928] (as *pyri*) – MARSEUL, 1866 [#676] – CLAUDON, 1870 [#4656] – HEYDEN, 1877! [#5716] – BAUDUER, 1878 [#165] – NÖRDLINGER, 1880 [#4432] – PUTON, 1883! [#6712] – NÖRDLINGER, 1884! [#8879] – LORIFERNE & POULAIN, 1888 [#8767] – KARSCH, 1890! [#8759] – GÖTHE, 1893! [#5375] – ANONYMOUS, 1894! [#5658] – SMITH, 1894! [#6725] (misidentified as *acutipennis*) – SMITH, 1894! [#7635] (misidentified as *acutipennis*) – SMITH, 1895! [#7639] – SMITH, 1895! [#7640] – SMITH, 1896! [#7348] – HEYDEN, 1897! [#5286] – HEYDEN, 1904 [#5717] – CARPENTIER & DELABY, 1908 [#7378] – GLASGOW, 1917! [#5366] – FELT, 1918! [#9544] – DONGÉ & ESTIOT, 1921! [#8963] – GARMAN, 1921! [#6719]

– REH, 1927! [#8947] – ABOT, 1928 [#8304] – DEMAREST, 1928! [#1706] – GLASGOW, 1934! [#6720] – BALACHOWSKY et al., 1935! [#4430] – RIKHTER, 1945 [#3507] – MÜHLMANN, 1954! [#8152] – LUPO, 1957! [#1755] – MIJUSKOVIC, 1971! [#8888] – GEISER, 1979 [#9011] – TOLASCH, 1998! [#4399] – RATEL, 2006! [#9214]

*Pyrus amygdaliformis* Vill. {3}

SCHAEFER, 1949! [#2565]

*Pyrus communis* L. {3}

BEDDEL, 1921! [#170] – PIATAKOWA, 1930 [#8320] – SCHAEFER, 1949! [#3285] – SCHAEFER, 1949! [#2565] – FRANZ, 1974 [#4334] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – ALEXANDER & DENTON, 2005! [#8580] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Pyrus elaeagnifolia* Pall. {2}

NIEHUIS & TEZCAN, 1993 [#1910]

*Pyrus pyraster* (L.) Du Roi {3}

CROVATO & IZZILLO, 1995! [#3791]

*Sorbus* {3}

NÖRDLINGER, 1880 [#4432] – XAMBEU, 1893! [#7788] – RIKHTER, 1945 [#3507] – KLETECKA, 2009! [#9165] – PROKHOROV, 2009 [#9353]

*Sorbus aria* Crantz {3}

IHSSEN, 1942 [#8488] – KUBÁŇ, 1979! [#3473]

*Sorbus aucuparia* L. {3}

ALTUM, 1881! [#4896] – KEJVAL et al., 2006 [#8865] – GUTOWSKI & MILKOWSKI, 2008! [#8244]

*Sorbus hardeggensis* Kovanda {3}

ŠKORPÍK et al., 2011! [#9173]

*Sorbus intermedia* (Ehrh.) Pers. {3}

BRECHTEL & KOSTENBADER, 2002! [#5766]

## Salicaceae

*Salix* {0}

HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716] – HEYDEN, 1904 [#5717]

**Synopsis** CURTIS, 1825 [#3915] (*Crataegus laevigata*) (as *chryseis*) – BLANCHARD, 1845 [#8952] (*Pyrus*) (as *pyri*) – BACH, 1852 [#8076] (*Crataegus*; *Pyrus*) – KIESENWETTER, 1857 [#3015] (*Crataegus oxyacantha*) – CALWER, 1858 [#8204] (*Quercus*) – GÉHIN, 1860 [#3928] (*Pyrus*) (as *pyri*) (biology) – KELLER, 1864 [#8984] (*Quercus*) – MARSEUL, 1866 [#676] (*Crataegus oxyacantha*; *Pyrus*) – LOKAJ, 1869 [#4332] (*Quercus*) – CLAUDON, 1870 [#4656] (*Pyrus*) – HEYDEN, 1877 [#8479] (*Salix*) – HEYDEN, 1877 [#5716] (*Pyrus*; *Salix*) – BAUDUER, 1878 [#165] (*Pyrus*; *Mespilus*; *Crataegus*) – GOBERT, 1878 [#5294] (*Crataegus*) (biology) – NÖRDLINGER, 1880 [#4432] (*Pyrus*; *Crataegus*; *Sorbus*) – ALTUM, 1881 [#4896] (*Sorbus aucuparia*) – BAUDUER, 1883 [#5143] (*Pyrus*; *Mespilus*;



*Crataegus; Betula*) – PUTON, 1883 [#6712] (*Pyrus*) (biology) – JÄGER, 1884 [#5594] (*Quercus; Crataegus*) – NÖRDLINGER, 1884 [#8879] (*Malus; Pyrus; Crataegus*) (biology) – LORIFERNE & POULAIN, 1888 [#8767] (*Pyrus*) – KARSCH, 1890 [#8759] (*Pyrus*) – LETZNER, 1892 [#4469] (*Pyrus; Crataegus*) – GÖTHE, 1893 [#5375] (*Pyrus*) (biology) – STIERLIN, 1893 [#9016] (*Crataegus*) – STIERLIN, 1893 [#7652] (*Quercus; Crataegus*) – XAMBEU, 1893 [#7788] (*Malus; Sorbus*) (biology) – ANONYMOUS, 1894 [#5658] (*Pyrus*) (biology) – SMITH, 1894 [#6726] (*Pyrus*) (as *anxius*) – SMITH, 1894 [#6725] (*Pyrus*) (biology) – SMITH, 1894 [#7636] (*Pyrus*) – SMITH, 1894 [#7635] (*Pyrus*) (biology) – SMITH, 1895 [#7639] (*Pyrus*) – SMITH, 1895 [#7640] (*Pyrus*) (biology) – SMITH, 1896 [#7348] (*Pyrus*) (biology) – HEYDEN, 1897 [#5286] (*Pyrus*) – LAFOSSE, 1899 [#8766] (*Malus*) (biology) – CHITTENDEN, 1900 [#5334] (*Pyrus*) – PASSY, 1901 [#8985] (*Crataegus oxyacanthoides*) (biology) – HEYDEN, 1904 [#5717] (*Pyrus; Crataegus; Salix*) – CARPENTIER & DELABY, 1908 [#7378] (*Crataegus; Pyrus*) – STIERLIN, 1909 [#9006] (*Crataegus*) – PÉNEAU, 1911 [#8928] (*Prunus*) – CAILLOL, 1913 [#4053] (*Prunus; Crataegus; Mespilus; Betula*) (biology) – REH, 1913 [#8153] (*Pyrus; Crataegus*) (biology) – WEISS, 1914 [#5979] (*Pyrus*) – GLASGOW, 1917 [#5366] (*Pyrus*) – PIERCE, 1917 [#6667] (*Pyrus*) – BRITTON, 1918 [#5175] (*Pyrus*) – FELT, 1918 [#9544] (*Pyrus*) – FROST & WEISS, 1920 [#9782] (*Pyrus*) – BEDEL, 1921 [#170] (*Pyrus communis; Mespilus germanica; Crataegus oxyacantha; Sorbus aucuparia*) (biology) – DONGÉ & ESTIOT, 1921 [#8963] (*Pyrus*) (biology) – GARMAN, 1921 [#6719] (*Pyrus*) (biology) – MUTCHLER & WEISS, 1922 [#1858] (*Pyrus; Crataegus*) (biology) – WELLHOUSE, 1922 [#7759] (*Pyrus communis; Crataegus; Sorbus*) – FRASER, 1924 [#7343] (*Pyrus*) – CHAMBERLIN, 1926 [#468] (*Pyrus communis; Quercus rubra; Crataegus*) – REH, 1927 [#8947] (*Pyrus*) (biology) – ABOT, 1928 [#8304] (*Crataegus; Pyrus; Betula*) – FISHER, 1928 [#980] (*Pyrus communis; Crataegus*) – FISHER & NICOLAY, 1928 [#9786] (*Pyrus; Cydonia; Crataegus; Cotoneaster*) – METCALF & FLINT, 1928 [#7346] (*Pyrus*) (biology) – PJATAKOWA, 1930 [#8320] (*Pyrus communis*) – FELT & RANKIN, 1932 [#9677] (*Pyrus*) (biology) – GEBHARDT, 1932 [#6951] (*Pyrus*) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Pyrus; Sorbus*) – GLASGOW, 1934 [#6720] (*Pyrus*) (biology) – RAPP, 1934 [#8272] (*Malus*) – BALACHOWSKY et al., 1935 [#4430] (*Pyrus*) (biology) – SAINTE CLAIRE, 1935 [#8551] (*Pyrus*) – GOIDANICH, 1941 [#3261] (*Malus; Pyrus; Cydonia; Crataegus; Sorbus; Cotoneaster*) – IHSEN, 1942 [#8488] (*Sorbus aria*) – RIKHTER, 1945 [#3507] (*Malus; Pyrus; Sorbus*) – JANCKE, 1949 [#3619] (*Pyrus*) (biology) – SCHAEFER, 1949 [#2565] (*Pyrus; Mespilus; Crataegus; Sorbus; Malus; Cydonia*) (biology) – SCHAEFER, 1949 [#3285] (*Mespilus germanica; Pyrus communis*) – WÖRNDLE, 1950 [#8539] (*Sorbus aria*) – MÜHLMANN, 1954 [#8152] (*Pyrus*) (biology) – HORION, 1955 [#1285] (*Mespilus; Crataegus; Sorbus aucuparia; Sorbus aria; Pyrus; Prunus*) (biology) – LIEBMANN, 1955 [#8543] (*Malus*) – LUPO, 1957 [#1755] (*Pyrus*) (biology) – ALEXEEV, 1961 [#3243] (*Crataegus; Pyrus*) – BALACHOWSKY et al., 1962 [#96] (*Malus; Crataegus; Mespilus; Sorbus*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Malus; Pyrus; Crataegus*) – SAMEDOV, 1963 [#6091] (*Malus; Pyrus*) – HAVELKA, 1964 [#3433] (*Crataegus*) – GENTRY, 1965 [#8590] (*Malus; Pyrus; Crataegus*) –

RIKHTER & ALEXEEV, 1965 [#2522] (*Malus; Pyrus; Crataegus*) – SIMON, 1966 [#3266] (*Malus communis; Crataegus*) – GOBBI, 1970 [#1091] (*Crataegus*) – MIJUSKOVIC, 1971 [#8888] (*Pyrus*) (biology) – SCHAEFER, 1972 [#2579] (*Pyrus; Mespilus; Crataegus; Sorbus; Malus; Cydonia*) – FRANZ, 1974 [#4334] (*Pirus communis*) – GURYEVA, 1974 [#5428] (*Malus; Pyrus; Crataegus*) (biology) – HELLRIGL, 1978 [#3442] (*Pyrus; Malus; Mespilus; Cydonia; Cotoneaster; Crataegus; Sorbus*) (biology) – GEISER, 1979 [#9011] (*Pyrus*) – KUBÁŇ, 1979 [#3473] (*Crataegus; Sorbus aria*) (biology) – ALEXEEV, 1981 [#61] (*Crataegus; Malus; Pyrus*) – ABAI & ADELI, 1984 [#5808] (*Fraxinus; Mespilus germanica*) – KRYZHANOVSKII, 1984 [#8665] (*Pyrus; Malus*) – KADĚRA, 1986 [#5631] (*Crataegus*) – NIEHUIS, 1988 [#1912] (*Crataegus*) (biology) – CAMPBELL et al., 1989 [#8198] (*Malus*) (biology) – ALEXANDER, 1990 [#4881] (*Crataegus*) – ZABRANSKY, 1991 [#3546] (*Crataegus*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Prunus divaricata; Pyrus eleagniformis*) – CURLETTI, 1994 [#658] (*Cotoneaster; Crataegus; Cydonia; Malus; Mespilus; Pyrus; Sorbus*) – HEAL, 1994 [#4281] (*Crataegus*) – CROVATO & IZZILLO, 1995 [#3791] (*Pyrus pyraster*) – HACKETT, 1995 [#6346] (*Crataegus*) – SOLOMON, 1995 [#7647] (*Pyrus; Crataegus; Cotoneaster; Amelanchier*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Crataegus*) – JONES, 1996 [#4273] (*Crataegus*) (biology) – ALEXANDER, 1997 [#6359] (*Crataegus*) – DUFF, 1997 [#6351] (*Crataegus*) – FASSOTTE, 1997 [#7365] (*Pyrus*) (biology) – TOLASCH, 1998 [#4399] (*Pyrus; Crataegus*) (biology) – ALEXANDER, 1999 [#4883] (*Crataegus*) – BÍLÝ, 1999 [#4478] (*Crataegus; Sorbus*) – FASSOTTE, 1999 [#7364] (*Pyrus*) (biology) – GUTOWSKI & LUGOWOJ, 2000 [#4854] (*Pyrus communis; Sorbus aucuparia*) – STUMPF et al., 2001 [#5788] (*Pyrus; Sorbus*) – BÍLÝ, 2002 [#5877] (*Cotoneaster; Crataegus; Cydonia; Malus; Mespilus; Pyrus; Sorbus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Pyrus communis; Crataegus monogyna; Sorbus intermedia*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Pyrus communis; Malus; Sorbus; Mespilus germanica; Crataegus oxycantha*) – ALEXANDER, 2003 [#6826] (*Crataegus*) – TWINN, 2003 [#6979] (*Crataegus monogyna*) (biology) – YANYTSKY, 2003 [#9052] (*Pyrus*) – APPLETON, 2004 [#8578] (*Crataegus*) – FASSOTTE et al., 2004 [#7363] (*Pyrus*) (biology) – NIEHUIS, 2004 [#6762] (*Pyrus; Malus; Crataegus*) (biology) – STUMPF, 2004 [#7369] (*Crataegus*) (biology) – ALEXANDER & DENTON, 2005 [#8580] (*Pyrus communis*) (biology) – KEJVAL et al., 2006 [#8865] (*Sorbus aucuparia*) – RATEL, 2006 [#9214] (*Pyrus*) (biology) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Sorbus aucuparia; Pyrus communis; Crataegus monogyna*) – NELSON et al., 2008 [#8377] (*Pyrus; Crataegus*) – KLETECKA, 2009 [#9165] (*Crataegus; Sorbus*) – PROKHOROV, 2009 [#9353] (*Sorbus*) – STUMPF, 2010 [#9372] (*Crataegus*) – ŠKORPÍK et al., 2011 [#9173] (*Crataegus; Mespilus germanica; Sorbus hardeggenensis*) (biology) – PAIERO et al., 2012 [#9293] (*Pyrus; Crataegus*)

**Remarks** *Agrilus sinuatus* develops in Rosaceae (*Crataegus, Malus, Mespilus, Prunus, Pyrus* and *Sorbus*), *Cydonia* and *Cotoneaster* need verification. Records for Betulaceae, Fagaceae and Salicaceae are false.

***Agrilus smaragdinus* Solsky, 1876*****Betulaceae****Betula costata* Trautv. {1}

TER MINASYAN, 1955 [#7893]

***Fagaceae****Quercus mongolica* Fisch. ex Ledeb. {1}

TER MINASYAN, 1955 [#7893]

**Synopsis** TER MINASYAN, 1955 [#7893] (*Quercus mongolica*; *Betula costata*) – ALEXEEV, 1979 [#57] (*Quercus mongolica*) – ALEXEEV, 1989 [#64] (*Quercus mongolica* and ?Ulmaceae) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*)

**Remarks** Supported larval host records are missing.

***Agrilus snowi* Fall, 1905*****Leguminosae****Cercidium microphyllum* (Torr.) Rose & I. M. Johnst. {1}KNULL, 1944 [#1546] (as *Parkinsonia microphylla* Torr.)

**Synopsis** KNULL, 1944 [#1546] (*Parkinsonia microphylla*) – NELSON et al., 2008 [#8377] (*Cercidium*)

***Agrilus solers* Curletti, 1997*****Leguminosae****Isoberlinia* {3}

CURLETTI &amp; VAYSSIÈRES, 2007! [#8004]

*Parkia biglobosa* (Jacq.) G. Don {3}

CURLETTI &amp; VAYSSIÈRES, 2007! [#8004]

***Agrilus solieri* Gory & Laporte, 1839**

**Synonyms** *catalonicus* Pochon

**Fagaceae***Quercus* {0}

RUICANESCU, 1993 [#3257]

**Leguminosae***Acacia* {0}POCHON, 1963 [#2469] (as *catalonicus*)**Rosaceae***Malus sylvestris* Mill. {1}

PIC, 1909 [#5295]

*Prunus* {1}

THÉRY, 1930 [#2754]

*Prunus insititia* L. {1}

SCHAEFER, 1949 [#2565]

*Rosa* {3}

GORY &amp; LAPORTE, 1839 [#3738] – SCHAEFER, 1949! [#2565] – SCHAEFER, 1963! [#3591] – GOBBI, 1971 [#1092]

*Rosa agrestis* Savi {2}

COBOS, 1955 [#3149]

*Rubus* {3}

PIC, 1909 [#5295] – SCHAEFER, 1949! [#2565] – TASSI, 1962 [#2676] – SCHAEFER, 1963! [#3591] – GOBBI, 1971 [#1092]

*Rubus fruticosus* L. {2}

CROVATO &amp; IZZILLO, 1995 [#3791]

**Synopsis** GORY & LAPORTE, 1839 [#3738] (*Rosa*) – BAUDUER, 1883 [#5143] (*Rubus*) – PIC, 1909 [#5295] (*Malus sylvestris*; *Rubus*) – BOISSY, 1910 [#4494] (*Rubus*; *Rosa*) – CAILLOL, 1913 [#4053] (*Rubus*; *Rosa*) (biology) – THÉRY, 1930 [#2754] (*Rosa*; *Prunus*) – SAINTE CLAIRE, 1935 [#8551] (*Rubus*; *Rosa*) – SCHAEFER, 1949 [#2565] (*Rubus*; *Rosa*; *Prunus insititia*) (biology) – COBOS, 1955 [#3149] (*Rosa agrestis*) – HORION, 1955 [#1285] (*Rubus*; *Rosa*) – BALACHOWSKY et al., 1962 [#96] (*Rubus*; *Prunus*; *Malus*) (biology) – TASSI, 1962 [#2676] (*Rubus*) – POUCHON, 1963 [#2469] (*Acacia*) (as *catalonicus*) – SCHAEFER, 1963 [#3591] (*Rubus*; *Rosa*) (biology) – GOBBI, 1971 [#1092] (*Rubus*; *Rosa*) – SCHAEFER, 1972 [#2579] (*Rubus*; *Rosa*) – GURYEVA, 1974 [#5428] (*Malus*) – GOBBI, 1986 [#1100] (*Rosa*) – RUICANESCU, 1993 [#3257] (*Quercus*) – CROVATO & IZZILLO, 1995 [#3791] (*Rubus fruticosus*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Rosa pouzinii*) – MÜHLE et al., 2000 [#4970] (*Rosa*; *Rubus*) – VERDUGO PAÉZ, 2002 [#5794] (*Prunus*; *Sorbus*; *Rosa*)

**Remarks** The larva develops in *Rosa* and *Rubus* (Rosaceae). Records for *Prunus* and *Malus* likely refer to *A. roscidus*. Records for *Quercus* and *Acacia* are false.

### *Agrilus somalus* Curletti, 1998

#### *Leguminosae*

*Acacia tortilis* (Forssk.) Hayne {3}

CURLETTI, 1998! [#4514]

### *Agrilus somsanithi* Baudon, 1965

#### *Clusiaceae*

*Garcinia oliveri* Pierre {1}

BAUDON, 1968 [#162]

### *Agrilus sospes* Lewis, 1893

#### *Fagaceae*

*Quercus dentata* Thunb. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

#### *Ulmaceae*

*Zelkova serrata* (Thunb.) Makino {1}

KUROSAWA, 1963 [#1618]

**Synopsis** KUROSAWA, 1963 [#1618] (*Zelkova serrata*) – KO, JE HO, 1969 [#9209] (*Zelkova serrata*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Zelkova serrata*; *Quercus dentata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*; *Zelkova*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Zelkova serrata*; *Quercus dentata*)

***Agrilus soudeki* Obenberger, 1926**

***Fagaceae***

*Quercus mongolica* Fisch. ex Ledeb. {1}

ALEXEEV, 1979 [#57]

**Synopsis** ALEXEEV, 1979 [#57] (*Quercus mongolica*) – ALEXEEV, 1989 [#64] (*Quercus mongolica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus mongolica*)

**Remarks** Larval host records are missing.

***Agrilus sparsus* Waterhouse, 1889**

***Leguminosae***

*Acacia cochliacantha* Willd. {1}

MACRAE & BELLAMY, 2013 [#9711]

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus spathulatus* (Obenberger, 1931)**

***Leguminosae***

*Acacia* {1}

BELLAMY et al., 1988 [#248]

*Acacia karroo* Hayne {1}

BELLAMY, 2001 [#5501]

***Agrilus speciosus* Waterhouse, 1889**

***Leguminosae***

*Acacia* {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus spectabilis* Kerremans, 1895*****Betulaceae****Alnus nepalensis* D. Don {3}

BEESON, 1941! [#178] – JENDEK, 2013! [#9342]

**Synopsis** BEESON, 1941 [#178] (*Alnus nepalensis*) (biology) – JENDEK, 2013 [#9342] (*Alnus nepalensis*)***Agrilus sperkii* Solsky, 1873*****Leguminosae****Genista* {3}

STEPANOV, 1952! [#3538]

**Synopsis** STEPANOV, 1952 [#3538] (*Genista*) – BURAKOWSKI et al., 1985 [#399] (*Genista*) – YANYTSKY, 2003 [#9052] (*Genista*)***Agrilus spinipennis* Lewis, 1893*****Salicaceae****Salix* {0}

HUA LI ZHONG, 2002 [#6696]

***Ulmaceae****Ulmus* {1}

CLAUSEN, 1931 [#3267]

*Zelkova* {1}

CLAUSEN, 1931 [#3267]

*Zelkova serrata* (Thunb.) Makino {1}LEWIS, 1893 [#1722] (as *Zelkova keaki* Maxim.)**Synopsis** LEWIS, 1893 [#1722] (*Zelkova keaki*) – CLAUSEN, 1931 [#3267] (*Ulmus*; *Zelkova*) – MÜHLMANN, 1954 [#8152] (*Zelkova*; *Ulmus*) – KUROSAWA, 1963 [#1618] (*Zelkova serrata*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Zelkova serrata*) – HUA LI ZHONG, 2002 [#6696] (*Salix*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Zelkova*; *Ulmus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Zelkova serrata*)

**Remarks** The type specimens of *A. spinipennis* were collected on *Zelkova* which is likely, together with *Ulmus*, the larval host of this species. Both genera are reported as larval hosts but without supporting data. The record for *Salix* is likely a misidentification.

## ***Agrilus squamulatus* Waterhouse, 1889**

### ***Rhamnaceae***

*Colubrina arborescens* (Mill.) Sarg. {1}

WESTCOTT et al., 1990 [#3086] (as *Colubrina ferruginosa* Brongn.)

## ***Agrilus subauratus amurensis* Obenberger, 1922**

### ***Betulaceae***

*Betula* {0}

ALEXEEV, 1989 [#64]

*Corylus* {0}

ALEXEEV, 1989 [#64]

### ***Fagaceae***

*Quercus* {0}

ALEXEEV, 1989 [#64]

### ***Salicaceae***

*Populus* {2}

ALEXEEV, 1989 [#64] – ALEXEEV & VOLKOVITSH, 1989 [#3241]

*Salix* {2}

ALEXEEV, 1989 [#64] – ALEXEEV & VOLKOVITSH, 1989 [#3241]

**Synopsis** ALEXEEV, 1989 [#64] (*Populus*; *Salix*; *Betula*; *Quercus*; *Corylus*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Salix*; *Populus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Populus*; *Salix*)

**Remarks** This east Asian subspecies has likely the same host spectrum as the nominotypical taxon.



***Agrilus subauratus subauratus* (Gebler, 1833)**

**Synonyms** *coryli* Ratzeburg

***Betulaceae***

*Corylus* {0}

LETZNER, 1892 [#4469] – HEB, 1900! [#8936] (as *coryli*)

*Corylus avellana* L. {0}

KROGERUS, 1925 [#3472] – NIEHUIS, 2004 [#6762]

***Fagaceae***

*Quercus* {0}

ALTUM, 1879! [#4893] (as *coryli*) – JUDEICH & NITSCHKE, 1889! [#5686] – LETZNER, 1892 [#4469] – HEB, 1900! [#8936] (as *coryli*) – DAEHNE, 1912 [#3609] – ESCHERICH, 1923! [#6717] – RAPP, 1934 [#8272]

***Salicaceae***

*Populus* {3}

RAPP, 1934 [#8272] – RIKHTER, 1945 [#3507] – IL'INSKIJ, 1948! [#5670] – ZOLOTARENKO, 1955! [#9618] – ZOLOTARENKO, 1959! [#8868] – GRECHKIN & VORONCOV, 1962! [#8242] – CHARARAS, 1972! [#9206] – KLETECKA, 1998! [#4416]

*Populus balsamifera* L. {3}

GRECHKIN, 1951! [#8607]

*Populus nigra* L. {3}

GRECHKIN, 1951! [#8607]

*Populus tremula* L. {3}

MARSEUL, 1866 [#676] – LOKAJ, 1869 [#4332] – HEYDEN, 1877 [#8479] – HEYDEN, 1877 [#5716] – FAVRE & BUGNION, 1890 [#5593] – REY, 1891 [#3666] – HEYDEN, 1897 [#5286] – HEYDEN, 1904 [#5717] – SCHAEFER, 1949 [#3285] – SCHAEFER, 1949! [#2565] – GRECHKIN, 1951! [#8607] – HORION, 1955 [#1285] – ALEXEEV, 1958! [#3982] – KEJVAL et al., 2006 [#8865] – KLETECKA, 2009! [#9165]

*Salix* {3}

HOCHHUTH, 1873 [#3453] – BAROVSKIJ, 1908 [#8696] – RIKHTER, 1945 [#3507] – PALMÉN, 1946 [#7730] – VOLKOVITSH, 1977! [#2985] – GEISER, 1979 [#9011] – GEISER, 1982 [#9012] – KLETECKA, 1998! [#4416] – NIKITSKII & MAMONTOV, 2008 [#8977] – PROKHOROV, 2009 [#9353] – ŠKORPIK et al., 2011 [#9173]

*Salix aurita* L. {3}

SCHAEFER, 1949 [#3285] – SCHAEFER, 1949! [#2565] – HELLRIGL, 1978! [#3442]

*Salix caprea* L. {3}

STIERLIN & GAUTARD, 1869 [#8271] – CLAUDON, 1870 [#4656] – HUBENTHAL, 1902 [#8530] – DAEHNE, 1912 [#3609] – BEDEL, 1921! [#170] – GAUDIN, 1921 [#5404] – HOFFER, 1933 [#3454] – RAPP, 1934! [#8272] – SCHAEFER, 1949 [#3285] – GRECHKIN, 1951! [#8607] – HORION, 1955 [#1285] – KADLUBOWSKI, 1957! [#7202] – HELLRIGL, 1975! [#1209] – BRANDL, 1976! [#9010] – HELLRIGL, 1978! [#3442] – KUBAŇ, 1978! [#3474] – NIEHUIS, 1988! [#1912] – ZABRANSKY, 1991! [#3546] – STUMPF, 1997 [#4520] – BRECHTEL & KOSTENBADER, 2002! [#5766] – GOTTWALD & HORNBERG, 2004 [#7007] – NIEHUIS, 2004! [#6762] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – KLETECKA, 2009! [#9165]

*Salix cinerea* L. {3}

BRECHTEL & KOSTENBADER, 2002! [#5766]

*Salix elaeagnos* Scop. {3}

HELLRIGL, 1978! [#3442] (as *Salix incana* Schrank)

*Salix myrsinifolia* Salisb. {3}

HELLRIGL, 1978! [#3442] (as *Salix nigricans* Sm.)

*Salix purpurea* L. {3}

HELLRIGL, 1978! [#3442] – BRECHTEL & KOSTENBADER, 2002! [#5766]

**Synopsis** SCRIBA, 1865 [#8927] (*Populus*) – MARSEUL, 1866 [#676] (*Populus tremula*) – LOKAJ, 1869 [#4332] (*Populus tremula*) – STIERLIN & GAUTARD, 1869 [#8271] (*Salix caprea*) – CLAUDON, 1870 [#4656] (*Salix caprea*) – HOCHHUTH, 1873 [#3453] (*Salix*) – HEYDEN, 1877 [#8479] (*Populus tremula*) – HEYDEN, 1877 [#5716] (*Populus tremula*) – BAUDUER, 1878 [#165] (*Salix caprea*) – SCHLOSSER KLEKOVSKI, 1878 [#4751] (*Corylus*) (as *coryli*) – ALTUM, 1879 [#4893] (*Quercus*) (as *coryli*) (biology) – BAUDUER, 1883 [#5143] (*Salix caprea*; *Populus tremula*) – JUDEICH & NITSCHKE, 1889 [#5686] (*Quercus*) – FAVRE & BUGNION, 1890 [#5593] (*Populus tremula*) – REY, 1891 [#3666] (*Populus tremula*) – LETZNER, 1892 [#4469] (*Corylus*; *Quercus*) – HEYDEN, 1897 [#5286] (*Populus tremula*) – HEB, 1900 [#8936] (*Corylus*; *Quercus*) (as *coryli*) (biology) – HUBENTHAL, 1902 [#8530] (*Salix caprea*) – EVERTS, 1903 [#6677] (*Populus tremula*) – HEYDEN, 1904 [#5717] (*Populus tremula*) – BAROVSKIJ, 1908 [#8696] (*Salix*) – DAEHNE, 1912 [#3609] (*Salix caprea*; *Quercus*) – BEDEL, 1921 [#170] (*Salix caprea*; *Populus tremula*) (biology) – GAUDIN, 1921 [#5404] (*Salix caprea*) (biology) – ESCHERICH, 1923 [#6717] (*Quercus*) (biology) – KROGERUS, 1925 [#3472] (*Corylus avellana*) – STELLWAAG, 1928 [#8165] (*Quercus*; *Corylus*; *Betula*; *Populus*) – OGLOBLIN & REICHARDT, 1932 [#8654] (*Quercus*; *Corylus*; *Populus*; *Betula*) – HOFFER, 1933 [#3454] (*Salix caprea*) – RAPP, 1934 [#8272] (*Populus*; *Salix caprea*; *Quercus*) – SAINTE CLAIRE, 1935 [#8551] (*Salix caprea*) – RIKHTER, 1945 [#3507] (*Salix*; *Populus*) – PALMÉN, 1946 [#7730] (*Salix*) – IL'INSKIJ, 1948 [#5670] (*Populus*) – SCHAEFER, 1949 [#3285] (*Salix caprea*; *S. aurita*; *Populus tremula*) – SCHAEFER, 1949 [#2565] (*Salix caprea*; *S. purpurea*; *S. aurita*; *Populus tremula*) (biology) – GRECHKIN, 1951 [#8607] (*Salix caprea*; *P. tremula*; *P. nigra*; *P. balsamifera*)

(biology) – HORION, 1955 [#1285] (*Populus tremula*; *Salix caprea*; *S. purpurea*; *S. aurita*) (biology) – TER MINASYAN, 1955 [#7893] (*Salix*; *Populus*; *Betula*; *Quercus*; *Corylus*) – ZOLOTARENKO, 1955 [#9618] (*Populus*) – KADLUBOWSKI, 1957 [#7202] (*Salix caprea*) (biology) – ALEXEEV, 1958 [#3982] (*Populus tremula*) (biology) – ZOLOTARENKO, 1959 [#8868] (*Populus*) – ALEXEEV, 1961 [#3243] (*Populus*; *Salix*) – GRECHKIN & VORONCOV, 1962 [#8242] (*Populus*) (biology) – IL'INSKIJ, 1962 [#8685] (*Populus*; *Salix*; *Corylus*) – ZAGAIKEVICH, 1962 [#3249] (*Salix*; *Populus*; *Corylus*) – RIKHTER & ALEXEEV, 1965 [#2522] (*Populus*; *Salix*) – GOTTWALD, 1968 [#1114] (*Salix caprea*; *S. purpurea*; *S. aurita*) – CHARARAS, 1972 [#9206] (*Populus*) (biology) – KOSTIN, 1973 [#3693] (*Salix*; *Populus*) – FRANZ, 1974 [#4334] (*Populus tremula*; *Salix caprea*; *S. purpurea*; *S. aurita*) – GURYEVA, 1974 [#5428] (*Populus*; *Salix*) – HELLRIGL, 1974 [#1207] (*Corylus*; *Populus*; *Salix*) – HELLRIGL, 1975 [#1209] (*Salix caprea*) (biology) – BRANDL, 1976 [#9010] (*Salix caprea*) – VOLKOVITSH, 1977 [#2985] (*Salix*) – HELLRIGL, 1978 [#3442] (*Salix*) (biology) – KUBÁŇ, 1978 [#3474] (*Salix caprea*) (biology) – GEISER, 1979 [#9011] (*Salix*) – ALEXEEV, 1981 [#61] (*Salix*; *Populus*) – BÍLÝ, 1982 [#295] (*Salix*) (biology) – GEISER, 1982 [#9012] (*Salix*) – GOBBI, 1986 [#1100] (*Salix*; *Populus*) – NIEHUIS, 1988 [#1912] (*Salix caprea*) (biology) – ZABRANSKY, 1991 [#3546] (*Salix caprea*) – STUMPF, 1997 [#4520] (*Salix caprea*) – KLETECKA, 1998 [#4416] (*Salix*; *Populus*) – BÍLÝ, 1999 [#4478] (*Salix caprea*) – STUMPF et al., 2001 [#5788] (*Salix*) – BÍLÝ, 2002 [#5877] (*Populus tremula*; *Salix aurita*; *S. capraea*; *S. incana*; *S. nigricans*; *S. purpurea*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Salix caprea*; *S. cinerea*; *S. purpurea*) (biology) – HASTIR & GASPAR, 2002 [#6211] (*Salix caprea*; *Salix purpurea*; *Salix aurita*; *Populus tremula*) – YANYTSKY, 2003 [#9052] (*Salix*; *Populus tremula*) – GOTTWALD & HORNBERG, 2004 [#7007] (*Salix caprea*) – NIEHUIS, 2004 [#6762] (*Salix*; *Corylus*) (biology) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Salix*; *Populus*; *Betula*; *Quercus*; *Corylus*) – KEJVAL et al., 2006 [#8865] (*Populus tremula*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Salix caprea*) – NIKITSKII & MAMONTOV, 2008 [#8977] (*Salix*) – KLETECKA, 2009 [#9165] (*Salix caprea*; *Populus tremula*) – PROKHOROV, 2009 [#9353] (*Salix*) – ŠKORPÍK et al., 2011 [#9173] (*Salix caprea*) (biology)

**Remarks** The larva develops in Salicaceae (*Salix*, *Populus*). Records for *Corylus* are likely misidentification of *A. viridis*; records for *Quercus* are false.

## *Agrilus subcinctus* Gory, 1841

### *Anacardiaceae*

*Toxicodendron pubescens* Mill. {1}

KNULL, 1920 [#1508] (as *Rhus toxicodendron* L.)

*Toxicodendron radicans* (L.) Kuntze {1}

MUTCHLER & WEISS, 1922 [#1858] – FISHER, 1928 [#980]

## ***Juglandaceae***

*Carya* {1}

MACRAE, 1991 [#1760]

## ***Leguminosae***

*Gymnocladus dioica* (L.) K. Koch {1}

MACRAE, 1991 [#1760]

## ***Malvaceae***

*Tilia* {1}

DOZIER, 1920 [#7333]

## ***Oleaceae***

*Fraxinus* {3}

DOZIER, 1920 [#7333] – HESPENHEIDE, 1973 [#1220] – NELSON & WESTCOTT, 1976 [#1861]

*Fraxinus americana* L. {3}

MACRAE, 1991 [#1760] – PETRICE et al., 2009! [#8999]

*Fraxinus pennsylvanica* Marshall {3}

MACRAE, 1991! [#1760] – PETRICE et al., 2009! [#8999]

*Ligustrum* {1}

WELLSO et al., 1976 [#3079]

**Synopsis** DOZIER, 1920 [#7333] (*Fraxinus*; *Tilia*) – FROST & WEISS, 1920 [#9782] (*Rhus toxicodendron*) – KNULL, 1920 [#1508] (*Rhus toxicodendron*) – MUTCHLER & WEISS, 1922 [#1858] (*Toxicodendron radicans*) – CHAMBERLIN, 1926 [#468] (*Rhus toxicodendron*) – FISHER, 1928 [#980] (*Toxicodendron radicans*) – FISHER & NICOLAY, 1928 [#9786] (*Toxicodendron radicans*) – KNULL, 1932 [#1519] (*Fraxinus pennsylvanica* var. *lanceolata*) – HESPENHEIDE, 1973 [#1220] (*Fraxinus*) – NELSON & WESTCOTT, 1976 [#1861] (*Fraxinus*) – WELLSO et al., 1976 [#3079] (*Ligustrum*) – BRIGHT, 1987 [#379] (*Fraxinus*; *Ligustrum*; *Toxicodendron*) – MACRAE, 1991 [#1760] (*Fraxinus pennsylvanica*) – DOWNIE & ARNETT, 1996 [#6170] (*Toxicodendron radicans*) – NELSON et al., 2008 [#8377] (*Fraxinus*; *Carya*; *Fraxinus*; *Gymnocladus*; *Ligustrum*; *Toxicodendron*) – PETRICE et al., 2009 [#8999] (*Fraxinus americana*; *Fraxinus pennsylvanica*) (biology) – PAIERO et al., 2012 [#9293] (*Fraxinus*) – ULYSHEN et al., 2012 [#9459] (*Fraxinus*)

***Agrilus subcuneiformis* Kurosawa, 1954*****Salicaceae****Salix* {1}

CARLSON &amp; KNIGHT, 1969 [#419]

***Agrilus subguttatus* Waterhouse, 1889*****Leguminosae****Acacia* {1}

WESTCOTT et al., 2008 [#8193]

***Agrilus subrobustus* Saunders, 1873****Synonyms** *albizziae* Kurosawa; *sorocinus* Kerremans***Fagaceae****Quercus* {0}

SAUNDERS, 1873 [#2554]

***Leguminosae****Albizia julibrissin* Durazz. {3}KUROSAWA, 1963 [#1617] (as *albizziae*) – KUROSAWA, 1963 [#1618] (as *sorocinus*)  
– HOEBEKE & WHEELER, 2011 [#9157] – HANSEN et al., 2012! [#9388]**Synopsis** SAUNDERS, 1873 [#2554] (*Quercus*) – KUROSAWA, 1963 [#1618] (*Albizia julibrissin*) (as *sorocinus*) – KUROSAWA, 1963 [#1617] (*Albizia julibrissin*) (as *albizziae*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Albizia julibrissin*) – NELSON et al., 2008 [#8377] (*Albizia*) – HOEBEKE & WHEELER, 2011 [#9157] (*Albizia julibrissin*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Albizia*) – HANSEN et al., 2012 [#9388] (*Albizia julibrissin*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Albizia julibrissin*)**Remarks** The record for *Quercus* cited in the original description is doubtful.

## ***Agrilus subtropicus* Schaeffer, 1905**

### ***Cannabaceae***

*Celtis ehrenbergiana* (Klotzsch) Liebm. {1}

FROST & WEISS, 1921 [#9670] (as *Momisia pallida* (Torr.) Planch.)

### ***Ebenaceae***

*Diospyros texana* Scheele {1}

KNULL, 1937 [#9186] (as *Bryodendron texanum* Scheele)

**Synopsis** FROST & WEISS, 1921 [#9670] (*Momisia pallida*) – FISHER, 1928 [#980] (*Momisia pallida*) – KNULL, 1937 [#9186] (*Bryodendron texanum*) – NELSON et al., 2008 [#8377] (*Celtis*; *Diospyros*) – MACRAE & BASHAM, 2013 [#9563] (*Diospyros texana*)

## ***Agrilus sudai* Kurosawa, 1985**

### ***Betulaceae***

*Alnus hirsuta* (Spach) Rupr. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Alnus hirsuta*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Alnus hirsuta*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Alnus hirsuta*)

## ***Agrilus sulcatulus* Chevrolat, 1835**

### ***Loganiaceae***

*Buddleia cordata* Kunth {1}

WESTCOTT & HESPENHEIDE, 2006 [#7908]

## ***Agrilus sulcicollis* Lacordaire, 1835**

**Synonyms** *cyaneus* Rossi (unavailable); *elongatus* Herbst; *tenuis* Ratzeburg

**Betulaceae***Betula* {0}

SCHRANK, 1798 [#5144] (as *elongatus*)

*Carpinus betulus* L. {0}

NIEHUIS, 2004 [#6762]

**Fagaceae***Castanea* {1}

CURLETTI, 1994 [#658]

*Fagus* {3}

RATZEBURG, 1839! [#3675] (as *tenuis*) – RATZEBURG, 1844 [#8764] (as *tenuis*) – BACH, 1852! [#8076] (as *tenuis*) – MARSEUL, 1866 [#676] (as *tenuis*) – KEPPEL, 1882! [#8636] (as *tenuis*) – LETZNER, 1892 [#4469] (as *elongatus*) – CARPENTIER & DELABY, 1908 [#7378] (as *elongatus*) – CAILLOL, 1913 [#4053] (as *elongatus*) – ABOT, 1928 [#8304] (as *elongatus*) – RAPP, 1934 [#8272] (as *elongatus*) – IL'INSKIJ, 1948! [#5670] (as *elongatus*) – NIEHUIS, 2004 [#6762]

*Fagus sylvatica* L. {3}

HEERING, 1956! [#3716] – HEERING, 1956! [#1195] – NIEHUIS, 2004 [#6762] – ŠKORPÍK et al., 2011! [#9173]

*Quercus* {3}

RATZEBURG, 1837! [#2498] (as *tenuis*) – RATZEBURG, 1844 [#8764] (as *tenuis*) – ROGER, 1856 [#7468] (as *tenuis*) – CALWER, 1858 [#8204] (as *tenuis*) – BOLLA, 1859 [#7448] (as *tenuis*) – MARSEUL, 1866 [#676] (as *tenuis*) – STIERLIN & GAUTARD, 1869 [#8271] (as *tenuis*) – REITTER, 1870 [#4393] (as *tenuis*) – HEYDEN, 1877 [#8479] (as *tenuis*) – HEYDEN, 1877! [#5716] (as *tenuis*) – BAUDUER, 1878 [#165] (as *tenuis*) – ALTUM, 1879! [#4893] (as *tenuis*) – ALTUM, 1881! [#4896] (as *tenuis*) – KEPPEL, 1882! [#8636] (as *tenuis*) – NÖRDLINGER, 1884! [#8879] (as *tenuis*) – LORIFERNE & POULAIN, 1888 [#8767] (as *elongatus*) – JUDEICH & NITSCHKE, 1889! [#5686] (as *elongatus*) – FAVRE & BUGNION, 1890 [#5593] (as *tenuis*) – LETZNER, 1892 [#4469] (as *elongatus*) – HEB, 1900! [#8936] (as *tenuis*) – HUBENTHAL, 1902 [#8530] (as *cyaneus*) – HEYDEN, 1904 [#5717] (as *elongatus*) – CARPENTIER & DELABY, 1908 [#7378] (as *elongatus*) – DAEHNE, 1912! [#3609] (as *elongatus*) – CAILLOL, 1913! [#4053] (as *elongatus*) – BEDEL, 1921! [#170] – ESCHERICH, 1923! [#6717] (as *elongatus*) – ABOT, 1928 [#8304] (as *elongatus*) – RAPP, 1934! [#8272] (as *elongatus*) – RIKHTER, 1945 [#3507] (as *cyaneus*) – IL'INSKIJ, 1948! [#5670] (as *elongatus*) – SCHAEFER, 1949 [#3285] – YABLOKOV KHNZORYAN, 1957! [#5612] – ALEXEEV, 1958! [#3982] – PALM, 1959! [#9605] – PALM, 1962! [#3727] – ALEXEEV, 1964! [#3847] – KHRAMCOV & PADIJ, 1965! [#8649] (as *elongatus*) – HELLRIGL, 1974 [#1207] – ČAPEK, 1986! [#6459] – NIEHUIS, 1988! [#1912] – JAMES, 1994 [#4280] – STUMPF et al., 2001 [#5788] – NIEHUIS, 2004 [#6762] – BUSSLER & SCHMIDL, 2009 [#8740] – PROKHOROV, 2009 [#9353] – ŠKORPÍK et al., 2011! [#9173]

*Quercus cerris* L. {2}

NOVAK, 1964 [#6567]

*Quercus frainetto* Ten. {3}SCHIMITSCHEK, 1944! [#3523] (as *Quercus conferta* Kit.)*Quercus petraea* (Matt.) Liebl. {3}

BRECHTEL &amp; KOSTENBADER, 2002! [#5766]

*Quercus pubescens* Willd. {3}

HELLRIGL, 1978! [#3442] – SCHAEFER, 1985 [#8072]

*Quercus robur* L. {3}ZAKHAROV & LEVKOVICH, 1951! [#8638] (as *elongatus*) – HELLRIGL, 1978! [#3442] – BRECHTEL & KOSTENBADER, 2002! [#5766] – HAACK et al., 2009! [#8894] – ERMOLEV & VASIL'EV, 2013! [#9640] – VOLODCHENKO, 2013! [#9639]**Rosaceae***Crataegus* {0}SCHRANK, 1798 [#5144] (as *elongatus*)*Rubus* {0}RAPP, 1934 [#8272] (as *elongatus*)*Rubus idaeus* L. {0}PJATAKOWA, 1930 [#8320] (as *elongatus*)**Salicaceae***Salix* {0}CAILLOL, 1913 [#4053] (as *elongatus*) – TER MINASYAN, 1955 [#7893] (as *cyaneus*)**Ulmaceae***Ulmus campestris* L. {0}BABADJANIDES, 1917 [#3389] (as *elongatus*)

**Synopsis** SCHRANK, 1798 [#5144] (*Crataegus; Betula*) (as *elongatus*) – RATZEBURG, 1837 [#2498] (*Quercus*) (as *tenuis*) – RATZEBURG, 1839 [#2499] (*Quercus*) (as *tenuis*) (biology) – RATZEBURG, 1839 [#3675] (*Fagus*) (as *tenuis*) – RATZEBURG, 1844 [#8764] (*Fagus; Quercus*) (as *tenuis*) – BACH, 1852 [#8076] (*Fagus*) (as *tenuis*) – ROGER, 1856 [#7468] (*Quercus*) (as *tenuis*) – CALWER, 1858 [#8204] (*Quercus*) (as *tenuis*) – BOLLA, 1859 [#7448] (*Quercus*) (as *tenuis*) – MARSEUL, 1866 [#676] (*Quercus; Fagus*) (as *tenuis*) – STIERLIN & GAUTARD, 1869 [#8271] (*Quercus*) (as *tenuis*) – REITTER, 1870 [#4393] (*Quercus*) (as *tenuis*) – KALTENBACH, 1874 [#8154] (*Fagus*) (as *tenuis*) – HEYDEN, 1877 [#5716] (*Quercus*) (as *tenuis*) – HEYDEN, 1877 [#8479] (*Quercus*) (as *tenuis*) – BAUDUER, 1878 [#165] (*Quercus*) (as *tenuis*) – ALTUM, 1879 [#4893] (*Quercus*) (as *tenuis*) (biology) – ALTUM, 1881 [#4896] (*Quercus*) (as *tenuis*) (biology) – KEPPEN, 1882 [#8636] (*Quercus; Fagus*)



(as *tenuis*) – BAUDUER, 1883 [#5143] (*Quercus*; *Fagus*) (as *tenuis*) – JÄGER, 1884 [#5594] (*Quercus*; *Fagus*) (as *tenuis*) – NÖRDLINGER, 1884 [#8879] (*Quercus*) (as *tenuis*) – LUDWIG, 1886 [#8972] (*Fagus*; *Quercus*) (as *tenuis*) (biology) – LORIFERNE & POULAIN, 1888 [#8767] (*Quercus*) (as *elongatus*) – JUDEICH & NITSCHKE, 1889 [#5686] (*Quercus*) (as *elongatus*) (biology) – FAVRE & BUGNION, 1890 [#5593] (*Quercus*) (as *tenuis*) – LETZNER, 1892 [#4469] (*Fagus*; *Quercus*) (as *elongatus*) – STIERLIN, 1893 [#7652] (*Quercus*; *Fagus*) (as *tenuis*) – JUDEICH & NITSCHKE, 1895 [#8987] (*Quercus*) (as *elongatus*) – HEB, 1900 [#8936] (*Quercus*) (as *tenuis*) (biology) – FÜRST, 1902 [#8989] (*Fagus*; *Quercus*) (as *tenuis*) – HUBENTHAL, 1902 [#8530] (*Quercus*) (as *cyaneus*) – HEYDEN, 1904 [#5717] (*Quercus*) (as *elongatus*) – CARPENTIER & DELABY, 1908 [#7378] (*Quercus*; *Fagus*) (as *elongatus*) – DAEHNE, 1912 [#3609] (*Quercus*) (as *elongatus*) (biology) – CAILLOL, 1913 [#4053] (*Quercus*; *Salix*; *Fagus*) (as *elongatus*) (biology) – BABADIANIDES, 1917 [#3389] (*Ulmus campestris*) (as *elongatus*) – PIERCE, 1917 [#6667] (*Fagus*; *Quercus*) (as *elongatus*) – BEDEL, 1921 [#170] (*Quercus*; *Fagus*) (biology) – ESCHERICH, 1923 [#6717] (*Quercus*) (as *elongatus*) (biology) – KROGERUS, 1925 [#3472] (*Quercus pedunculata*) (as *elongatus*) – ABOT, 1928 [#8304] (*Quercus*; *Fagus*) (as *elongatus*) – PJATAKOWA, 1930 [#8320] (*Rubus idaeus*) (as *elongatus*) – RAPP, 1934 [#8272] (*Quercus*; *Fagus*; *Rubus*) (as *elongatus*) – SAINTE CLAIRE, 1935 [#8551] (*Quercus*) – POMERANCEV, 1938 [#4977] (*Quercus*) (as *elongatus*) (biology) – SCHIMITSCHEK, 1944 [#3523] (*Quercus conferta*) (biology) – RIKHTER, 1945 [#3507] (*Quercus*) (as *cyaneus*) – IL'INSKIJ, 1948 [#5670] (*Quercus*; *Fagus*) (as *elongatus*) – SCHAEFER, 1949 [#3285] (*Quercus*) – SCHAEFER, 1949 [#2565] (*Quercus robur*; *Q. cerris*; *Fagus*) (biology) – ZAKHAROV & LEVKOVICH, 1951 [#8638] (*Quercus robur*) (as *elongatus*) – MÜHLMANN, 1954 [#8152] (*Quercus*) (as *elongatus*) (biology) – HORION, 1955 [#1285] (*Quercus*; *Fagus*) (biology) – TER MINASYAN, 1955 [#7893] (*Quercus*) (as *elongatus*) – TER MINASYAN, 1955 [#7893] (*Quercus*; *Salix*) (as *cyaneus*) – HEERING, 1956 [#1195] (*Fagus sylvatica*) – HEERING, 1956 [#3716] (*Fagus sylvatica*) – YABLOKOV KHNZORYAN, 1957 [#5612] (*Quercus*) – ALEXEEV, 1958 [#3982] (*Quercus*) – PALM, 1959 [#9605] (*Quercus*) (biology) – FAVARD, 1962 [#9680] (*Quercus ilex*) – IL'INSKIJ, 1962 [#8685] (*Fagus*; *Quercus*) (as *elongatus*) – PALM, 1962 [#3727] (*Quercus*) (biology) – ZAGAIKEVICH, 1962 [#3249] (*Quercus*) (biology) – ALEXEEV, 1964 [#3847] (*Quercus*) – NOVAK, 1964 [#6567] (*Quercus cerris*) – KHRAMCOV & PADIJ, 1965 [#8649] (*Quercus*) (as *elongatus*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Quercus*) – HELLRIGL, 1974 [#1207] (*Quercus*) – VOLKOVITSH, 1977 [#2985] (*Quercus*) – HELLRIGL, 1978 [#3442] (*Quercus*) (biology) – ALEXEEV, 1981 [#61] (*Quercus*) – BÍLÝ, 1982 [#295] (*Quercus*) (biology) – SCHAEFER, 1985 [#8072] (*Quercus pubescens*) – ČAPEK, 1986 [#6459] (*Quercus*) – GOBBI, 1986 [#1100] (*Quercus*; *Fagus*) (biology) – NIEHUIS, 1988 [#1912] (*Quercus*) (biology) – CURLETTI, 1994 [#658] (*Castanea*; *Fagus*; *Quercus*) – JAMES, 1994 [#4280] (*Quercus*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Quercus pyrenaica*) – BÍLÝ, 1999 [#4478] (*Quercus*) – STUMPF et al., 2001 [#5788] (*Quercus*; *Fagus*) – BÍLÝ, 2002 [#5877] (*Fagus sylvatica*; *Quercus cerris*; *Q. frainetto*; *Q. petraea*; *Q. pubescens*; *Q. robur*; *Q. suber*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Quercus robur*; *Q. petraea*) (biology) – HASTIR & GASPARD, 2002 [#6211] (*Quercus*) –

ALEXANDER, 2003 [#6826] (*Quercus*) – YANYTSKY, 2003 [#9052] (*Quercus*) – NIEHUIS, 2004 [#6762] (*Quercus*; *Fagus*; *Carpinus*) (biology) – NIKITSKII & IZHEVSKII, 2005 [#9621] (*Quercus*; *Fagus*) – VERDUGO PAÉZ, 2005 [#7256] (*Quercus*; *Fagus*; *Castanea*) – MÜHLE, 2007 [#8787] (*Quercus*) – BUSSLER & SCHMIDL, 2009 [#8740] (*Quercus*) – HAACK et al., 2009 [#8894] (*Quercus robur*) – PROKHOROV, 2009 [#9353] (*Quercus*) – ŠKORPIK et al., 2011 [#9173] (*Quercus*; *Fagus*) – PAIERO et al., 2012 [#9293] (*Quercus*; *Fagus*; *Carpinus*; *Castanea*) – ERMOLEV & VASIL'EV, 2013 [#9640] (*Quercus robur*) – VOLODCHENKO, 2013 [#9639] (*Quercus robur*)

**Remarks** *Agrilus sulcicollis* develops primarily in *Quercus* though larval records are known also from other Fagaceae like *Fagus* and *Castanea*. We found just a single original reference for *Castanea* but without supporting data. Records for plants from other families are doubtful.

## *Agrilus sulcifer* Abeille de Perrin, 1895

### *Hypericaceae*

*Hypericum* {1}

NIEHUIS & TEZCAN, 1993 [#1910]

**Remarks** *Agrilus sulcifer* is very close to *A. hyperici* developing in *Hypericum*. This plant is likely also larval host of *A. sulcifer*.

## *Agrilus sulcipennis* Solier, 1849

### *Compositae*

*Senecio* {1}

FAIRMAIRE & GERMAIN, 1858 [#842]

## *Agrilus sundholmi* Curletti, 2009

### *Leguminosae*

*Acacia calamifolia* Lindl. {1}

CURLETTI, 2009 [#8824]

**Synopsis** CURLETTI, 2009 [#8824] (*Acacia*; *Acacia calamifolia*) – BELLAMY et al., 2013 [#9486] (*Acacia calamifolia*)

***Agrilus suturisignatus* Obenberger, 1924*****Amaranthaceae****Salsola laricina* Pall. {3}

LINDEMAN &amp; TURUNDAEVSKAYA, 1975! [#3478]

**Synopsis** LINDEMAN & TURUNDAEVSKAYA, 1975 [#3478] (*Salsola laricina*) (biology) – ALEXEEV, 1981 [#61] (*Salsola laricina*)***Agrilus suvorovi* Obenberger, 1935****Synonyms** *cyanophilus* Schaefer (unavailable); *populneus* Schaefer; *simoni* Schaefer (unavailable)***Salicaceae****Populus* {3}SCHAEFER, 1946 [#3288] (as *populneus*) – ZOLOTARENKO, 1959! [#8868] (misidentified as *viridis*) – GRECHKIN & VORONCOV, 1962! [#8242] (misidentified as *viridis*) – TASSI, 1962! [#2676] (as *populneus*) – CHARARAS, 1972! [#9206] (misidentified as *viridis*) – HELLRIGL, 1975! [#1208] (as *populneus*) – ZABRANSKY, 1991! [#3546] (as *populneus*) – STUMPF et al., 2001! [#5788] (as *populneus*) – GUMOVSKY et al., 2013! [#9547]*Populus alba* L. {3}SCHAEFER, 1949 [#2565] (as *populneus*) – GRECHKIN, 1951! [#8606] (misidentified as *viridis*) – SCHAEFER, 1955 [#2572] (as *cyanophilus*) – SCHAEFER, 1955 [#2572] (as *populneus*) – SCHAEFER, 1961! [#2574] (as *populneus*) – ARRU, 1962! [#92] (as *populneus*) – KO, JE HO, 1969 [#9209] – BREGANT, 1971 [#3416] (as *populneus*) – GOBBI, 1986! [#1100] (as *populneus*) – KLETECKA, 1998! [#4416] (as *populneus*) – BRECHTEL & KOSTENBADER, 2002! [#5766] (as *populneus*) – ALLEGRO, 2004! [#6799] (as *populneus*) – KLETECKA, 2009! [#9165]*Populus alba* var. *pyramidalis* Bunge {3}GRECHKIN, 1951! [#8606] (misidentified as *viridis*) (as *Populus bolleana* Lauche)*Populus balsamifera* L. {3}GRECHKIN, 1951! [#8606] (misidentified as *viridis*)*Populus canadensis* Moench {3}GRECHKIN, 1951! [#8606] (misidentified as *viridis*) – HELLRIGL, 1978! [#3442] (as *populneus*) – ALLEGRO, 2004! [#6799] (as *populneus*)

*Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall {3}

ARRU, 1962! [#92] (as *populneus*)

*Populus nigra* L. {3}

SCHAEFER, 1949 [#3285] (as *populneus*) – SCHAEFER, 1949 [#2565] (as *populneus*) – GRECHKIN, 1951! [#8606] (misidentified as *viridis*) – SCHAEFER, 1961! [#2574] (as *populneus*) – GOBBI, 1970! [#1091] (as *populneus*) – BREGANT, 1971 [#3416] (as *populneus*)

*Populus nigra* var. *italica* Koehne {3}

SPARACIO, 1990 [#2652] (as *populneus*)

*Populus suaveolens* Fisch. {3}

GRECHKIN, 1951! [#8606] (misidentified as *viridis*)

*Populus tremula* L. {3}

SCHAEFER, 1949 [#3285] (as *populneus*) – SCHAEFER, 1949 [#2565] (as *populneus*) – SCHAEFER, 1961! [#2574] (as *simoni*) – SCHAEFER, 1961! [#2574] (as *populneus*) – HAVELKA, 1964 [#3433] – BREGANT, 1971 [#3416] (as *populneus*) – CAVALCASELLE, 1972! [#4337] (as *populneus*) – HELLRIGL, 1978! [#3442] (as *populneus*) – GOBBI, 1983 [#1098] (as *populneus*) – STUMPF, 1997! [#4520] (as *populneus*) – BRECHTEL & KOSTENBADER, 2002! [#5766] (as *populneus*) – NIEHUIS, 2004! [#6762] – ŠKORPIK et al., 2011! [#9173]

*Salix* {0}

KUROSAWA, 1963 [#1618] – RUICANESCU, 1993 [#3257] (as *populneus*)

**Synopsis** SCHAEFER, 1946 [#3288] (*Populus*) (as *populneus*) – SCHAEFER, 1949 [#2565] (*Populus alba*; *P. nigra*; *P. tremula*) (as *populneus*) – SCHAEFER, 1949 [#3285] (*Populus tremula*; *P. nigra*) (as *populneus*) – GRECHKIN, 1951 [#8606] (*Populus canadensis*; *P. balsamifera*; *P. nigra*; *P. alba*; *P. suaveolens*; *P. bolleana*; *P. bachofenii*; *P. densa*; *P. tremula* and hybrids) (biology) – HORION, 1955 [#1285] (*Populus alba*; *P. nigra*; *P. tremula*) (as *populneus*) – SCHAEFER, 1955 [#2572] (*Populus alba*) (as *populneus*) – SCHAEFER, 1955 [#2572] (*Populus alba*) (as *cyanophilus*) – SLIVKINA, 1958 [#8660] (*Populus*) – ZOLOTARENKO, 1959 [#8868] (*Populus*) – KHARAZISHVILI, 1960 [#8630] (*Populus*) – SCHAEFER, 1961 [#2574] (*Populus tremula*) (as *simoni*) – SCHAEFER, 1961 [#2574] (*Populus tremula*; *P. nigra*; *P. alba*) (as *populneus*) (biology) – ARRU, 1962 [#92] (*Populus x euroamericana*; *P. deltoides*; *P. angulata missouriensis*; *P. angulata monilifera*; *P. alba*) (as *populneus*) (biology) – GRECHKIN & VORONCOV, 1962 [#8242] (*Populus*) (biology) – TASSI, 1962 [#2676] (*Populus*) (as *populneus*) – KUROSAWA, 1963 [#1618] (*Salix*) – HAVELKA, 1964 [#3433] (*Populus tremula*) – GOTTWALD, 1968 [#1114] (*Populus*) (as *populneus*) – KO, JE HO, 1969 [#9209] (*Salix*; *Populus euramericana*; *Populus alba*) – GOBBI, 1970 [#1091] (*Populus nigra*) (as *populneus*) – KAILIDIS, 1970 [#9603] (*Populus*) (as *populneus*) – BREGANT, 1971 [#3416] (*Populus nigra*; *P. alba*; *P. tremula*) (as *populneus*) – CAVALCASELLE, 1972 [#4337] (*Populus*) (as *populneus*) (biology) – CHARARAS, 1972 [#9206] (*Populus*) (biology) – CHARARAS, 1972 [#9206] (*Populus*) (as *populneus*) (biology) – SCHAEFER, 1972 [#2579] (*Populus tremula*; *P. alba*; *P. nigra*) (as *populneus*) – SEKENDIZ, 1974 [#8870] (*Populus alba*; *Populus tremula*) (biology) – HELLRIGL,

1975 [#1208] (*Populus*) (as *populneus*) – HELLRIGL, 1978 [#3442] (*Populus*) (as *populneus*) (biology) – BÍLÝ, 1982 [#295] (*Populus*) (as *populneus*) (biology) – GOBBI, 1986 [#1100] (*Populus*) (as *populneus*) – NIEHUIS, 1988 [#1912] (*Populus*) (as *populneus*) – SPARACIO, 1990 [#2652] (*Populus nigra italica*) (as *populneus*) – SZAFRANSKI, 1991 [#4291] (*Populus tremula*) (as *populneus*) – RUICANESCU, 1993 [#3257] (*salix*) (as *populneus*) – CURLETTI, 1994 [#658] (*Populus*) (as *populneus*) – KRÓLIK & MAJEWSKI, 1994 [#3471] (*Populus tremula*) (as *populneus*) – STUMPF, 1997 [#4520] (*Populus tremula*) (as *populneus*) – KLETECKA, 1998 [#4416] (*Populus alba*) (as *populneus*) – BÍLÝ, 1999 [#4478] (*Populus tremula*) (as *populneus*) – STUMPF et al., 2001 [#5788] (*Populus*) (as *populneus*) – BÍLÝ, 2002 [#5877] (*Populus alba*; *P. canadensis*; *P. deltoides*; *P. nigra*; *P. tremula*) (as *populneus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Populus tremula*; *P. alba*) (as *populneus*) (biology) – IZZILLO et al., 2002 [#6897] (*Populus*) (as *populneus*) – ALLEGRO, 2004 [#6799] (*Populus x canadensis*; *P. alba*) (as *populneus*) (biology) – NIEHUIS, 2004 [#6762] (*Populus tremula*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Populus*) (as *populneus*) – KLETECKA, 2009 [#9165] (*Populus*) (biology) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Populus*) – ŠKORPIK et al., 2011 [#9173] (*Populus tremula*) (biology) – GUMOVSKY et al., 2013 [#9547] (*Populus*) (biology)

**Remarks** *Agrilus suvorovi* is an ecological vicariant of *A. viridis* on *Populus*. Host records from *Salix* are false.

## ***Agrilus suzukii* Kurosawa, 1985**

### ***Meliaceae***

*Melia azedarach* var. *japonica* (G. Don) {3}

AKIYAMA & OHMOMO, 1997 [#4091]

*Melia azedarach* L. {3}

KUROSAWA, 1985! [#1640]

**Synopsis** KUROSAWA, 1985 [#1640] (*Melia azedarach*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Melia azedarach* var. *japonica*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Melia azedarach* var. *japonica*)

## ***Agrilus swifti* Curletti, 2006**

### ***Calophyllaceae***

*Calophyllum* {1}

CURLETTI, 2006 [#7966]

## ***Fagaceae***

*Castanopsis acuminatissima* (Blume) A. DC. {1}  
CURRETTI, 2006 [#7966]

## ***Agrilus sylviae* Niehuis, 1992**

### ***Anacardiaceae***

*Pistacia* {3}

NIEHUIS & TEZCAN, 1993! [#1910] – HALPERIN & ARGAMAN, 2000! [#5124] –  
SAKALIAN, 2003 [#5826]

*Pistacia atlantica* Desf. {3}

NIEHUIS, 1992! [#1921]

*Pistacia palaestina* Boiss. {3}

NIEHUIS, 1992! [#1921]

### ***Oleaceae***

*Phillyrea latifolia* L. {0}

VOLKOVITSH, 2004 [#7001]

### ***Ulmaceae***

*Ulmus* {0}

HALPERIN & ARGAMAN, 2000! [#5124]

**Synopsis** NIEHUIS, 1992 [#1921] (*Pistacia atlantica*, *P. palaestina*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Pistacia*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Pistacia*; *Ulmus*) – SAKALIAN, 2003 [#5826] (*Pistacia*) – VOLKOVITSH, 2004 [#7001] (*Phillyrea latifolia*)

**Remarks** *Agrilus sylviae* develops in *Pistacia* (Anacardiaceae), other hosts are very unlikely.

## ***Agrilus tacitus* Kerremans, 1894**

### ***Leguminosae***

*Mimosa* {1}

WESTCOTT et al., 1990 [#3086]

***Agrilus taeniatus* Chevrolat, 1835**

**Synonyms** *sapindicola* Vogt

***Sapindaceae***

*Sapindus drummondii* Hook. & Arn. {1}

VOGT, 1949 [#2971] (as *sapindicola*) – VOGT, 1949 [#2970] (as *sapindicola*)

**Synopsis** VOGT, 1949 [#2971] (*Sapindus drummondii*) (as *sapindicola*) – VOGT, 1949 [#2970] (*Sapindus drummondii*) (as *sapindicola*) – NELSON et al., 2008 [#8377] (*Sapindus*)

***Agrilus takahashii* Tôyama, 1988*****Betulaceae***

*Carpinus* {1}

AKIYAMA & OHMOMO, 1997 [#4091]

***Ulmaceae***

*Zelkova serrata* (Thunb.) Makino {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** TÔYAMA, 1988 [#2932] (*Carpinus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Carpinus*; *Zelkova serrata* cited as *rerrata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Carpinus*; *Zelkova*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Carpinus*; *Zelkova serrata*)

***Agrilus tarae* Bellamy, 1999**

**Synonyms** *mirei* Descarpentries & Mateu

***Leguminosae***

*Acacia senegal* (L.) Willd. {3}

DESCARPENTRIES & MATEU, 1965 [#737] (as *mirei*) – MATEU, 1972! [#4794] (as *mirei*)

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

DESCARPENTRIES & MATEU, 1965! [#737] (as *mirei*) (as *Acacia raddiana* (Savi) Brenan) – MATEU, 1972! [#4794] (as *mirei*) (as *Acacia raddiana* (Savi) Brenan)

## ***Agrilus tardulus* Obenberger, 1924**

### ***Leguminosae***

*Tamarindus indica* L. {1}

JACKMAN, 1987! [#1316]

### ***Rutaceae***

*Citrus microcarpa* Bunge {1}

JACKMAN, 1987! [#1316]

**Synopsis** JACKMAN, 1987 [#1316] (*Tamarindus indica*; kalamansi [=*Citrus microcarpa*])

**Remarks** The larval host mentioned by JACKMAN (1987) is well documented but the identification of *A. tardulus* is questionable and needs verification.

## ***Agrilus tazoei* Kurosawa, 1985**

### ***Leguminosae***

*Pueraria montana* var. *lobata* (Willd.) Sanjappa & Pradeep {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Pueraria thunbergiana* (Siebold & Zucc.) Benth.)

*Wisteria floribunda* (Willd.) DC. {1}

KUROSAWA, 1985 [#1640]

**Synopsis** KUROSAWA, 1985 [#1640] (*Wistaria floribunda* [sic!]) – AKIYAMA & OHMOMO, 1997 [#4091] (*Pueraria thunbergiana*; *Wisteria floribunda*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Pueraria thunbergiana*; *Wisteria floribunda*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Pueraria thunbergiana*; *Wisteria floribunda*)

**Remarks** In the original description, Kurosawa cited *Wisteria floribunda* as a “host plant” without supporting data. The documented larval records are missing.



***Agrilus tempestivus* Lewis, 1893*****Betulaceae****Carpinus* {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

***Fagaceae****Quercus* {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

***Lauraceae****Machilus thunbergii* Siebold & Zucc. {1}

AKIYAMA &amp; OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Machilus thunbergii*; *Carpinus*; *Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Carpinus*; *Machilus*; *Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Machilus thunbergii*; *Carpinus*; *Quercus*)

***Agrilus tenuissimus* Abeille de Perrin, 1891*****Fagaceae****Quercus ithaburensis* Decne. {1}

VOLKOVITSH, 2004 [#7001]

**Remarks** *Quercus* is likely the larval host of *A. tenuissimus*, which is closely related to species developing in oaks like *A. obscuricollis*, *A. angustulus* or *A. laticornis*.

***Agrilus teocchii* Curletti, 1998*****Apocynaceae****Pycnobotrya nitida* Benth. {3}

CURLETTI, 1998! [#4514]

## ***Leguminosae***

*Albizia zygia* (DC.) J. F. Macbr. {3}  
CURLETTI, 1998! [#4514]

**Synopsis** CURLETTI, 1998 [#4514] (*Pycnobotrya nitida*; *Albizzia zygia*) –  
CURLETTI, 2000 [#4849] (*Pycnobotrya nitida*; *Albizia zygia*)

## ***Agrilus thoracicus* Gory & Laporte, 1839**

### ***Compositae***

*Haplopappus acerosus* Bertero {1}  
MOORE RODRIGUEZ, 1985 [#1816]  
*Senecio* {1}  
FAIRMAIRE & GERMAIN, 1858 [#842]

## ***Agrilus thurei* Curletti, 1996**

### ***Malvaceae***

*Triplochiton scleroxylon* K. Schum. {1}  
CURLETTI, 2002 [#5768]

## ***Agrilus thylacinus* Curletti, 2001**

### ***Casuarinaceae***

*Casuarina* {1}  
CURLETTI, 2001 [#5025]

**Synopsis** CURLETTI, 2001 [#5025] (*Casuarina*) – BELLAMY, 2002 [#5764] (*Casuarina*) – BELLAMY et al., 2013 [#9486] (*Casuarina*)

## ***Agrilus tiacapanae* Fisher, 1938**

### ***Leguminosae***

*Acacia* {1}  
WESTCOTT et al., 1990 [#3086]

***Agrilus tlaculteutlae* Fisher, 1938*****Leguminosae***

*Acacia pennatula* (Schltdl. & Cham.) Benth. {1}  
WESTCOTT et al., 1990 [#3086]

***Agrilus tokyoensis* Kurosawa, 1985*****Fagaceae***

*Quercus acutissima* Carruth. {1}  
AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus acutissima*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus acutissima*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus acutissima*)

***Agrilus torquatus* LeConte, 1860*****Fagaceae***

*Quercus* {0}  
RUGGLES, 1918! [#9543]

***Juglandaceae***

*Carya* {3}  
KLAGES, 1901 [#9784] – FISHER, 1928! [#980] (as *Hicoria*)  
*Carya illinoensis* (Wangenh.) K. Koch {3}  
NELSON & HESPENHEIDE, 1998! [#4548] – MACRAE & BASHAM, 2013! [#9563]  
*Carya ovata* (Mill.) K. Koch {3}  
NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** KLAGES, 1901 [#9784] (*Carya*) – RUGGLES, 1918 [#9543] (*Quercus*) (biology) – FISHER, 1928 [#980] (*Hicoria*) – DECKER, 1933 [#9647] (*Carya*) – DOANE et al., 1936 [#7341] (*Carya*) – BEAL et al., 1952 [#9687] (*Carya*) (biology) – BAKER, 1972 [#95] (*Carya*) (biology) – NELSON & WESTCOTT, 1976 [#1861] (*Carya ovata*) – SOLOMON, 1995 [#7647] (*Carya*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Carya*) – NELSON & HESPENHEIDE, 1998 [#4548] (*Carya illinoensis*) –

NELSON et al., 2008 [#8377] (*Carya*; *Ostrya*) – PAIERO et al., 2012 [#9293] (*Carya*) – MACRAE & BASHAM, 2013 [#9563] (*Carya illinoensis*)

**Remarks** *Agrilus torquatus* develops in *Carya*. The larval record for *Quercus* refers to *A. arcuatus*.

## ***Agrilus toteci* Fisher, 1938**

### ***Verbenaceae***

*Lantana camara* L. {1}

WESTCOTT et al., 2008 [#8193]

## ***Agrilus townsendi* Fall, 1907**

### ***Fagaceae***

*Quercus* {3}

MACRAE & BASHAM, 2013! [#9563]

*Quercus arizonica* Sarg. {2}

MACRAE, 2006 [#7542]

*Quercus gambelii* Nutt. {2}

FISHER, 1928 [#980] (as *Quercus utahensis* (A. DC.) Rydb.) – NELSON & WESTCOTT, 1976 [#1861] (as *Quercus utahensis* (A. DC.) Rydb.)

*Quercus hypoleucoides* A. Camus {2}

NELSON & WESTCOTT, 1976 [#1861]

**Synopsis** FALL, 1907 [#9308] (*Quercus gambelii*) – FROST & WEISS, 1920 [#8210] (*Quercus gambelii*) – CHAMBERLIN, 1926 [#468] (*Quercus gambelii*) – FISHER, 1928 [#980] (*Quercus utahensis*) – NELSON & WESTCOTT, 1976 [#1861] (*Quercus utahensis*; *Q. hypoleucoides*) – MACRAE, 2006 [#7542] (*Quercus arizonica*) – NELSON et al., 2008 [#8377] (*Quercus*) – MACRAE & BASHAM, 2013 [#9563] (*Quercus*)

## ***Agrilus toxotes* Obenberger, 1935**

### ***Malpighiaceae***

*Malpighia glabra* L. {1}

NELSON, 1987 [#1894]

**Synopsis** NELSON, 1987 [#1894] (*Malpighia glabra*) – NELSON et al., 2008 [#8377] (*Malpighia*)

## ***Agrilus trames* Curletti & Brûlé, 2013**

### ***Leguminosae***

*Mucuna sloanei* Fawc. & Rendle {1}  
 CURLETTI & BRÛLÉ, 2013 [#9624]

## ***Agrilus transimpressus* Fall, 1925**

### ***Juglandaceae***

*Carya* {1}  
 NELSON et al., 2008 [#8377]

*Juglans nigra* L. {3}  
 FALL, 1925 [#9190] – FISHER, 1928! [#980] – NELSON & WESTCOTT, 1976 [#1861]  
 – NIXON & MCPHERSON, 1977 [#9559] – NELSON & MACRAE, 1990 [#1864] –  
 MACRAE, 1991! [#1760] – MACRAE, 2006 [#7542] (misidentified as *juglandis*)

**Synopsis** FALL, 1925 [#9190] (*Juglans nigra*) – CHAMBERLIN, 1926 [#468] (*Juglans nigra*) – FISHER, 1928 [#980] (*Juglans nigra*) – DOANE et al., 1936 [#7341] (*Juglans nigra*) – NELSON & WESTCOTT, 1976 [#1861] (*Juglans nigra*) – WELLSO et al., 1976 [#3079] (*Juglans nigra*) – NIXON & MCPHERSON, 1977 [#9559] (*Juglans nigra*) – BRIGHT, 1987 [#379] (*Juglans nigra*) – NELSON & MACRAE, 1990 [#1864] (*Juglans nigra*) – MACRAE, 1991 [#1760] (*Juglans nigra*) – DOWNIE & ARNETT, 1996 [#6170] (*Juglans nigra*) – MACRAE, 2003 [#5976] (*Juglans*) – MACRAE, 2006 [#7542] (*Juglans nigra*) – NELSON et al., 2008 [#8377] (*Juglans*; *Carya*) – PAIERO et al., 2012 [#9293] (*Juglans*)

## ***Agrilus transversesulcatus* Reitter, 1890**

### ***Amaranthaceae***

*Bassia prostrata* (L.) Beck {1}  
 KALASHIAN, 1985! [#1366] (as *Kochia prostrata* (L.) Schrad.)

## ***Compositae***

*Artemisia maritima* L. {0}

BABADJANIDES, 1917 [#3389]

**Synopsis** BABADJANIDES, 1917 [#3389] (*Artemisia maritima*) – KALASHIAN, 1985 [#1366] (*Kochia prostrata*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Kochia prostrata*)

## ***Agrilus trinotatus* Saunders, 1873**

### ***Fagaceae***

*Quercus* {1}

KUROSAWA, 1963 [#1618]

**Synopsis** KUROSAWA, 1963 [#1618] (*Quercus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus*)

**Remarks** Larval host record for *Quercus* is missing.

## ***Agrilus trypantiformis* Fisher, 1929**

### ***Leguminosae***

*Erythrina rubrinervia* Kunth {1}

FISHER, 1929 [#982]

## ***Agrilus tschitscherini* Semenov, 1895**

**Synonyms** *atilla* Obenberger; *gerschuni* Stepanov; *machnovskii* Stepanov; *uzbekistanus* Stepanov

### ***Anacardiaceae***

*Pistacia* {0}

MAKHNOVSKIJ, 1958! [#6090] – MAKHNOVSKIJ, 1959! [#5829]

*Pistacia vera* L. {0}

ZNAMENSKIJ, 1960! [#8676]

**Salicaceae***Populus* {2}

TLEPPAEVA & ISHKOV, 2004! [#7211] – TLEPPAEVA, 2013! [#9532]

*Populus euphratica* Olivier {2}

SINADSKIJ, 1963! [#5038] (as *uzbekistanus*) (as *Populus diversifolia* Schrenk) – YAGDYEV, 1978! [#4206] (as *Populus diversifolia* Schrenk)

*Populus tremula* L. {2}

TLEPPAEVA, 1999! [#6551]

*Salix* {3}

MAKHNOVSKIJ, 1958! [#6090] (as *machnovskii*) – MAKHNOVSKIJ, 1958! [#6090] (as *uzbekistanus*) – STEPANOV, 1958! [#3664] (as *machnovskii*) – STEPANOV, 1958! [#3664] (as *gerschuni*) – STEPANOV, 1958! [#3664] (as *uzbekistanus*) – MAKHNOVSKIJ, 1959! [#5829] (as *machnovskii*) – MAKHNOVSKIJ, 1959! [#5829] (as *uzbekistanus*) – KULINITSH, 1963 [#8648] – SINADSKIJ, 1963! [#5038] (as *uzbekistanus*) – KADYROV, 1976! [#3461] – ALEXEEV, 1989 [#64] (as *attila*) – TLEPPAEVA & ISHKOV, 2004! [#7211] – TLEPPAEVA, 2013! [#9532]

*Salix fragilis* L. {3}

LINDEMAN & TURUNDAEVSKAYA, 1975! [#3478] (as *uzbekistanus*)

*Salix glauca* var. *acutifolia* (Hook.) C. K. Schneid. {3}

LINDEMAN & TURUNDAEVSKAYA, 1975! [#3478] (as *uzbekistanus*) (as *Salix acutifolia* Willd.)

*Salix triandra* L. {3}

LINDEMAN & TURUNDAEVSKAYA, 1975! [#3478] (as *uzbekistanus*)

**Synopsis** MAKHNOVSKIJ, 1958 [#6090] (*Salix*) (as *machnovskii*) – MAKHNOVSKIJ, 1958 [#6090] (*Pistacia*) – MAKHNOVSKIJ, 1958 [#6090] (*Salix*) (as *uzbekistanus*) – STEPANOV, 1958 [#3664] (*Salix*) (as *uzbekistanus*) – STEPANOV, 1958 [#3664] (*Salix*) (as *gerschuni*) – STEPANOV, 1958 [#3664] (*Salix*) (as *machnovskii*) – MAKHNOVSKIJ, 1959 [#5829] (*Pistacia*) (biology) – MAKHNOVSKIJ, 1959 [#5829] (*Salix*) (as *machnovskii*) – MAKHNOVSKIJ, 1959 [#5829] (*Salix*) (as *uzbekistanus*) – ZNAMENSKIJ, 1960 [#8676] (*Pistacia vera*) (biology) – KULINITSH, 1963 [#8648] (*Salix*) – SINADSKIJ, 1963 [#5038] (*Salix*; *Populus diversifolia*) (as *uzbekistanus*) (biology) – LINDEMAN & TURUNDAEVSKAYA, 1975 [#3478] (*Salix acutifolia*; *S. triandra*; *S. fragilis*) (as *uzbekistanus*) (biology) – KADYROV, 1976 [#3461] (*Salix*) – YAGDYEV, 1978 [#4206] (*Populus diversifolia*) (biology) – ALEXEEV, 1989 [#64] (*Salix*) (as *attila*) – TLEPPAEVA, 1999 [#6551] (*Populus tremula*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Populus*; *Salix*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Salix*) – TLEPPAEVA, 2013 [#9532] (*Salix*; *Populus*)

**Remarks** *Agrius tschitscherini* develops primarily in *Salix*. *Populus* is likely, but it needs reconfirmation to exclude possible misidentifications. Records for *Pistacia* are misidentifications.

## ***Agrilus tsutsumiuchii* Ohmomo, 2006**

### ***Ulmaceae***

*Zelkova serrata* (Thunb.) Makino {3}

OHMOMO, 2006! [#7546]

**Synopsis** OHMOMO, 2006 [#7546] (*Zelkova serrata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Zelkova serrata*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Zelkova serrata*)

## ***Agrilus turnbowi* Nelson, 1990**

### ***Santalaceae***

*Phoradendron tomentosum* (DC.) Engelm. ex A. Gray {1}

NELSON, 1990! [#1898]

**Synopsis** NELSON, 1990 [#1898] (*Phoradendron tomentosum* on *Prosopis glandulosa*) – NELSON et al., 2008 [#8377] (*Phoradendron*)

## ***Agrilus tynnanthi* Curletti, 2005**

### ***Bignoniaceae***

*Tynanthus croatianus* A. H. Gentry {1}

CURLETTI, 2005 [#7579]

## ***Agrilus uenoi* Kurosawa, 1963**

### ***Apocynaceae***

*Trachelospermum asiaticum* (Siebold & Zucc.) Nakai {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

### ***Euphorbiaceae***

*Mallotus japonicus* (L. f.) Müll. Arg. {1}

TÔYAMA, 1985 [#2924]



***Moraceae***

*Ficus thunbergii* Maxim. {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

***Ranunculaceae***

*Clematis tashiroi* Maxim. {1}

OHMOMO & FUKUTOMI, 2013 [#9491]

**Synopsis** TÔYAMA, 1985 [#2924] (*Mallotus japonicus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Mallotus japonicus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Mallotus japonicus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Clematis tashiroi*; *Ficus thunbergii*; *Mallotus japonicus*; *Trachelospermum asiaticum*)

***Agrilus uhagoni* Abeille de Perrin, 1897**

**Synonyms** *bedeli* Abeille de Perrin

***Leguminosae***

*Adenocarpus complicatus* (L.) Gay {1}

ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2001 [#5094]

*Genista* {1}

VERDUGO PAÉZ, 2002 [#5794]

*Sarothamnus* {1}

ABEILLE DE PERRIN, 1905 [#3903] (as *bedeli*)

*Ulex* {1}

VERDUGO PAÉZ, 1997 [#5255]

**Synopsis** ABEILLE DE PERRIN, 1905 [#3903] (*Sarothamnus*) (as *bedeli*) – VERDUGO PAÉZ, 1997 [#5255] (*Ulex*) – ARNÁIZ RUIZ & BERCEDO PÁRAMO, 2001 [#5094] (*Adenocarpus complicatus*) – VERDUGO PAÉZ, 2002 [#5794] (*Ulex*; *Genista*; *Sarothamnus*) – VERDUGO PAÉZ, 2005 [#7256] (*Ulex*; *Adenocarpus*)

**Remarks** There are several records from Leguminosae declared as larval hosts but supporting data are missing.

***Agrilus ukerewensis masai* Curletti, 1994**

***Leguminosae***

*Acacia* {3}

CURLETTI, 1994! [#3256]

***Agrilus ulaangomiensis* Cobos, 1972**

**Synonyms** *emeljanovi* Alexeev

***Leguminosae***

*Caragana* {3}

ALEXEEV, 1975! [#52] (as *emeljanovi*)

**Synopsis** ALEXEEV, 1975 [#52] (*Caragana*) (as *emeljanovi*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Caragana*)

***Agrilus ulmicola* Jendek, 2011**

***Ulmaceae***

*Ulmus* {3}

JENDEK, 2011! [#9304]

***Agrilus umactli* Fisher, 1938**

***Leguminosae***

*Parkinsonia praecox* (Ruiz & Pav.) Hawkins {1}

WESTCOTT et al., 1990 [#3086] (as *Cercidium plurifoliolatum* Micheli)

***Agrilus unguiculosus* Obenberger, 1936**

**Synonyms** *gobicola* Cobos

***Leguminosae***

*Caragana leucophloea* Pojark. {1}  
ALEXEEV & VOLKOVITSH, 1989 [#3241]

***Rosaceae***

*Spiraea* {1}  
ALEXEEV, 1975 [#52] (as *gobicola*)

**Synopsis** ALEXEEV, 1975 [#52] (*Spiraea*) (as *gobicola*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Spiraea*; *Caragana leucophloea*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Caragana*; *Spiraea*)

***Agrilus unus* Curletti, 2005*****Leguminosae***

*Inga oerstediana* Benth. {1}  
CURLETTI, 2005 [#7579]

***Agrilus uromastyx* Curletti & Magnani, 2006*****Leguminosae***

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}  
CURLETTI & MAGNANI, 2006! [#7485] (as *Acacia raddiana* (Savi) Brenan)

***Agrilus ussuricola* Obenberger, 1924**

**Synonyms** *lasiolus* Obenberger

***Fagaceae***

*Quercus* {3}  
ALEXEEV, 1989 [#64]

*Quercus acutissima* Carruth. {3}

KUROSAWA, 1974! [#4577] (as *lasiolus*)

*Quercus serrata* Murray {3}

KUROSAWA, 1974! [#4577] (as *lasiolus*)

**Synopsis** KUROSAWA, 1974 [#4577] (*Quercus serrata*; *Q. acutissima*) (as *lasiolus*) – ALEXEEV, 1989 [#64] (*Quercus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus*) (as *lasiolus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus*)

## ***Agrilus utahensis* Westcott, 1991**

### ***Lamiaceae***

*Poliomintha incana* (Torr.) A. Gray {1}

WESTCOTT, 1991 [#9312]

## ***Agrilus vaginalis philippovi* Alexeev, 1965**

### ***Compositae***

*Artemisia* {1}

WEIDLICH, 1989 [#6165]

**Remarks** The nominotypical taxon develops in Leguminosae so *Artemisia* seems to be unlikely as the host of this subspecies.

## ***Agrilus vaginalis vaginalis* Abeille de Perrin, 1897**

### ***Leguminosae***

*Astragalus* {3}

VOLKOVITSH & ALEXEEV, 1994! [#2974] – TLEPPAEVA, 1999! [#6551] – TLEPPAEVA & ISHKOV, 2004! [#7211]

*Astragalus ammodendron* Bunge {3}

SOYUNOV, 1990! [#6341] – VOLKOVITSH & ALEXEEV, 1992! [#2973]

*Astragalus paucijugus* Schrenk {3}

TLEPPAEVA, 2013! [#9532]

*Colutea* {3}

VOLKOVITSH & ALEXEEV, 1994! [#2974] – TLEPPAEVA, 1999! [#6551]

*Colutea buhsei* (Boiss.) Shap. {3}

VOLKOVITSH & ALEXEEV, 1992! [#2973]

*Colutea gracilis* Freyn & Sint. {3}

VOLKOVITSH & ALEXEEV, 1992! [#2973]

*Sophora alopecuroides* L. {3}

TLEPPAEVA, 2013! [#9532] (as *Pseudosophora alopecuroides* (L.) Sweet)

**Synopsis** SOYUNOV, 1990 [#6341] (*Astragalus* (*Ammodendron* section)) (biology) – VOLKOVITSH & ALEXEEV, 1992 [#2973] (*Astragalus ammodendron*; *Colutea buhsei*; *C. gracilis*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Astragalus*; *Colutea*) – TLEPPAEVA, 1999 [#6551] (*Astragalus*; *Colutea*) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Astragalus*) – TLEPPAEVA, 2013 [#9532] (*Astragalus paucijugus*; *Pseudosophora alopecuroides*)

## ***Agrilus validiusculus* Semenov, 1891**

### ***Amaranthaceae***

*Climacoptera turcomanica* (Litv.) Botsch. {3}

SOYUNOV, 1990! [#6341]

*Halostachys* {3}

VOLKOVITSH & ALEXEEV, 1994! [#2974]

*Halostachys belangeriana* (Moq.) Botsch.. {2}

ALEXEEV et al., 1991 [#69] (as *Halostachys caspica* C. A. Mey.)

*Haloxylon* {3}

VOLKOVITSH & ALEXEEV, 1994! [#2974]

*Haloxylon persicum* Bunge ex Boiss. & Buhse {3}

ALEXEEV et al., 1991 [#69]

*Salsola* {3}

KALENOV et al., 1980! [#5848] – SOYUNOV et al., 1986! [#7826] – VOLKOVITSH & ALEXEEV, 1994! [#2974]

*Salsola arbuscula* Pall. {3}

SOYUNOV, 1990! [#6341]

*Salsola orientalis* S. G. Gmel. {2}

ALEXEEV et al., 1991 [#69] (as *Salsola rigida* Pall.)

*Salsola paletziana* Litv. {3}

KAPLIN, 1981! [#5853]

*Salsola paulsenii* Litv. {3}

SOYUNOV, 1990! [#6341]

*Salsola richteri* (Moq.) Karel ex Litv. {3}

KAPLIN, 1981! [#5853] – YAGDYEV, 1985! [#6194] – SOYUNOV, 1990! [#6341] – ALEXEEV et al., 1991 [#69]

*Suaeda arcuata* Bunge {3}

SOYUNOV, 1990! [#6341]

**Synopsis** KALENOV et al., 1980 [#5848] (*Salsola*) (biology) – KAPLIN, 1981 [#5853] (*Salsola richteri*; *S. paletziana*) (biology) – YAGDYEV, 1985 [#6194] (*Salsola richteri*) – SOYUNOV et al., 1986 [#7826] (*Salsola*) – SOYUNOV, 1990 [#6341] (*Salsola richteri*; *S. arbuscula*; *S. paulsenii*; *Suaeda arcuata*; *Climacoptera turcomanica*; *Haloxylon persicum*) (biology) – ALEXEEV et al., 1991 [#69] (*Haloxylon persicum*; *Salsola richteri*; *S. rigida*; *Halostachys caspica*) – VOLKOVITSH & ALEXEEV, 1992 [#2973] (*Salsola richteri*; *Haloxylon*; *Halostachys*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Salsola*; *Haloxylon*; *Halostachys*)

***Agrilus vandenberghii* Westcott & Hespeneheide, 2006**

***Leguminosae***

*Caesalpinia exostemma* ssp. *exostemma* DC. {3}

WESTCOTT & HESPENHEIDE, 2006! [#7908] (as *Caesalpinia konzattii* (Rose) Standl.)

***Agrilus venosus* Gory & Laporte, 1839**

***Leguminosae***

*Acacia* {3}

GOURVES, 2001 [#6244]

*Acacia gummifera* Willd. {3}

CURLETTI & MAGNANI, 1991! [#3255]

*Acacia sieberiana* DC. {3}

CURLETTI & VAYSSIÈRES, 2007! [#8004]

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan {3}

DESCARPENTRIES & MATEU, 1965 [#737] (as *Acacia raddiana* (Savi) Brenan) –  
CURLETTI & MAGNANI, 1991! [#3255] (as *Acacia raddiana* (Savi) Brenan)

**Synopsis** DESCARPENTRIES & BRUNEAU DE MIRÉ, 1963 [#717] (*Acacia*) –  
DESCARPENTRIES & MATEU, 1965 [#737] (*Acacia raddiana*) – CURLETTI & MAGNANI,  
1991 [#3255] (*Acacia gummifera*; *A. raddiana*) – BELLAMY, 2001 [#5501] (*Acacia*  
*gummifera*; *A. raddiana*) – GOURVES, 2001 [#6244] (*Acacia*) – CURLETTI &  
VAYSSIÈRES, 2007 [#8004] (*Acacia sieberiana*)

***Agrilus ventralis* Horn, 1891*****Compositae****Chrysothamnus* {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

*Encelia virginensis* var. *actonii* (Elmer) B. L. Turner {1}

NELSON &amp; WESTCOTT, 1976 [#1861]

***Leguminosae****Acacia greggii* A. Gray {1}

WALTERS &amp; BELLAMY, 1990 [#3034]

***Salicaceae****Salix* {1}

NELSON et al., 2008 [#8377]

**Synopsis** NELSON & WESTCOTT, 1976 [#1861] (*Chrysothamnus*; *Encelia virginiensis actoni*) – WALTERS & BELLAMY, 1990 [#3034] (*Acacia greggii*) – NELSON et al., 2008 [#8377] (*Acacia*; *Encelia*; *Prosopis*; *Salix*)

***Agrilus ventricosus* Fairmaire, 1888****Synonyms** *toyamai* Kurosawa***Cannabaceae****Celtis jessoensis* Koidz. {1}KUROSAWA, 1985 [#1640] (as *toyamai*) (as *Celtis bungeana* var. *jessoensis* (Koidz.) Kudô)

**Synopsis** KUROSAWA, 1985 [#1640] (*Celtis bungeana* var. *jessoensis*) (as *toyamai*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Celtis bungeana* var. *jessoensis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Celtis bungeana* variety *jessoensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis jessoensis*)

**Remarks** KUROSAWA (1985) declared *Celtis* as the “host plant” but no supporting data were given.

***Agrilus verityi* Hespeneheide, 1990**

***Leguminosae***

*Mimosa arenosa* (Willd.) Poir. {1}  
HESPEHEIDE, 1990 [#1229]

***Agrilus vermiculatus* (Waterhouse, 1889)**

***Leguminosae***

*Acacia cochliacantha* Willd. {1}  
MACRAE & BELLAMY, 2013 [#9711]

***Agrilus vescivittatus* Hespeneheide & Westcott, 2011**

***Leguminosae***

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst. {1}  
HESPEHEIDE & WESTCOTT, 2011 [#9316]

***Agrilus viduus* Kerremans, 1914**

**Synonyms** *chinganicus* Obenberger; *subviduus* Kurosawa

***Fagaceae***

*Castanea crenata* Siebold & Zucc. {1}  
KUROSAWA, 1957 [#1615] (as *subviduus*)



***Ulmaceae***

*Ulmus davidiana* var. *japonica* (Rehder) Nakai {3}

KUROSAWA, 1957! [#1615] (as *chinganicus*) (as *Ulmus wilsoniana* C. K. Schneid.) – KUROSAWA, 1975! [#4591] (as *subviduus*) (as *Ulmus wilsoniana* C. K. Schneid.)

*Ulmus pumila* L. {3}

TOBIAS, 1980! [#6493] – ALEXEEV & VOLKOVITSH, 1989! [#3241] (as *chinganicus*)

*Zelkova serrata* (Thunb.) Makino {3}

KUROSAWA, 1957! [#1615]

**Synopsis** KUROSAWA, 1957 [#1615] (*Zelkova serrata*) – KUROSAWA, 1957 [#1615] (*Castanes crenata*; *Ulmus*; *Zelkova serrata*) (as *subviduus*) – KUROSAWA, 1957 [#1615] (*Ulmus wilsoniana*) (as *chinganicus*) – KUROSAWA, 1963 [#1618] (*Zelkova serrata*; *Ulmus*) – KUROSAWA, 1975 [#4591] (*Ulmus wilsoniana*) (as *subviduus*) – ALEXEEV, 1979 [#57] (*Ulmus*) (as *chinganicus*) – TOBIAS, 1980 [#6493] (*Ulmus pumila*) – ALEXEEV, 1989 [#64] (*Ulmus*) (as *chinganicus*) – ALEXEEV, 1989 [#64] (*Ulmus*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Ulmus pumila*) (as *chinganicus*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Zelkova serrata*) (as *subviduus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Celtis*; *Ulmus*; *Zelkova*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Zelkova serrata*)

***Agrilus vilis* Saunders, 1874*****Rutaceae***

*Citrus microcarpa* Bunge {3}

JACKMAN, 1987! [#1316] (as *Citrofortunella microcarpa* (Bunge) Wijnands)

***Agrilus villosostriatus* Thomson, 1879*****Leguminosae***

*Acacia catechu* (L. f.) Willd. {3}

BEESON, 1941! [#178]

***Agrilus viridescens* Knull, 1935*****Leguminosae***

*Prosopis glandulosa* Torr. {3}

NELSON et al., 1981! [#1903]

*Prosopis juliflora* (Sw.) DC. {2}

KNULL, 1935 [#1524]

**Synopsis** KNULL, 1935 [#1524] (*Prosopis juliflora*) – NELSON et al., 1981 [#1903] (*Prosopis glandulosa*) – NELSON et al., 2008 [#8377] (*Prosopis*)

## *Agrilus viridiaeris* Curletti, 2005

### *Leguminosae*

*Inga goldmanii* Pittier {1}

CURLETTI, 2005 [#7579]

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

## *Agrilus viridicaerulans rubi* Schaefer, 1937

**Synonyms** *rubi* Kaszab

### *Rosaceae*

*Rubus* {3}

PERRIS, 1877! [#3722] (as *rubi*) – SCHAEFER, 1937! [#3570] – SCHAEFER, 1949 [#3285] – TASSI, 1962 [#2676] – SCHAEFER, 1964 [#2575] – GOBBI, 1971 [#1092] – PAULIAN, 1978 [#2424] – NIEHUIS & TEZCAN, 1993 [#1910]

*Rubus caesius* L. {3}

ŠKORPIK et al., 2011 [#9173]

*Rubus fruticosus* L. {3}

TASSI, 1966 [#2685] – NIEHUIS, 1999 [#4832] – NIEHUIS, 2004 [#6762]

**Synopsis** PERRIS, 1877 [#3722] (*Rubus*) – SCHAEFER, 1937 [#3570] (*Rubus*) – SCHAEFER, 1949 [#3285] (*Rubus*) – SCHAEFER, 1949 [#2565] (*Rubus fruticosus*; *R. caesius*; *R. idaeus*) (biology) – HORION, 1955 [#1285] (*Rubus fruticosus*; *R. caesius*; *R. ideus*) (biology) – BALACHOWSKY et al., 1962 [#96] (*Rubus*; *Rosa*) – TASSI, 1962 [#2676] (*Rubus*) – SCHAEFER, 1964 [#2575] (*Rubus*) – TASSI, 1966 [#2685] (*Rubus fruticosus*) – TASSI, 1967 [#2686] (*Rubus*) – GOBBI, 1970 [#1091] (*Rubus caesius*; *R. fruticosus*) – GOBBI, 1971 [#1092] (*Rubus*) – SCHAEFER, 1972 [#2579] (*Rubus fruticosus*; *R. caesius*) – HELLRIGL, 1978 [#3442] (*Rubus*) – PAULIAN, 1978 [#2424] (*Rubus*) – GOBBI, 1986 [#1100] (*Rubus*) – BAUMANN, 1987 [#3393] (*Rubus*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Rubus*) – CURLETTI, 1994 [#658]

(*Rubus*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Rubus ulmifolius*) – NIEHUIS, 1999 [#4832] (*Rubus fruticosus*) – BÍLÝ, 2002 [#5877] (*Quercus* [Note: A lapse or confusion with other species]) – NIEHUIS, 2004 [#6762] (*Rubus fruticosus*) (biology) – VERDUGO PAÉZ, 2005 [#7256] (*Rubus*) – ŠKORPÍK et al., 2011 [#9173] (*Rubus caesius*) (biology)

## ***Agrilus viridicaerulans viridicaerulans* Marseul, 1868**

### ***Leguminosae***

*Cercis siliquastrum* L. {0}

HALPERIN & ARGAMAN, 2000 [#5124]

### ***Rosaceae***

*Cotoneaster* {1}

HALPERIN & ARGAMAN, 2000 [#5124]

*Rubus* {3}

MARSEUL, 1868 [#678] – HALPERIN & ARGAMAN, 2000! [#5124] – VOLKOVITSH, 2004 [#7001]

**Synopsis** MARSEUL, 1868 [#678] (*Robus*) – HALPERIN & ARGAMAN, 2000 [#5124] (*Cercis siliquastrum*; *Cotoneaster*; *Rubus*) – VOLKOVITSH, 2004 [#7001] (*Rubus*)

## ***Agrilus viridicephalus* Fisher, 1929**

### ***Leguminosae***

*Inga oerstediana* Benth. {1}

CURLETTI, 2005 [#7579]

## ***Agrilus viridifrons* Kerremans, 1893**

### ***Malvaceae***

*Grewia tiliifolia* Vahl {3}

BEESON, 1941! [#178]

## ***Agrilus viridiobscurus* Saunders, 1873**

### ***Betulaceae***

*Alnus pendula* Matsum. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

*Carpinus tschonoskii* Maxim. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

### ***Hamamelidaceae***

*Hamamelis japonica* Siebold & Zucc. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

### ***Juglandaceae***

*Juglans ailanthifolia* Carrière {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Juglans mandshurica* var. *sieboldiana* Maxim)

### ***Lauraceae***

*Lindera praecox* (Siebold & Zucc.) Blume {1}

AKIYAMA & OHMOMO, 1997 [#4091] (as *Parabenzoin praecox* (Siebold & Zucc.) Nakai)

### ***Ulmaceae***

*Zelkova serrata* (Thunb.) Makino {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Alnus pendula*; *Carpinus tschonoskii*; *Parabenzoin praecox*; *Juglans mandshurica* var. *sieboldiana*; *Hamamelis japonica*; *Zelkova serrata*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Alnus*; *Carpinus*; *Hamamelis*; *Juglans*; *Parabenzoin*; *Zelkova*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Alnus*; *Carpinus*; *Parabenzoin*; *Juglans*; *Hamamelis*; *Zelkova*)

**Remarks** AKIYAMA & OHMOMO (1997) cited several host plants but no supporting data were provided.

### *Agrilus viridis* (Linné, 1758)

**Synonyms** *aceris* Alexeev (unavailable); *albisetulosus* Brundin (unavailable); *aubei* Gory & Laporte; *basurmanovae* Stepanov (unavailable); *belial* Obenberger (unavailable); *capreae* Chevrolat; *cyaneus* Olivier (unavailable); *distinguendus* Gory & Laporte; *erronesculus* Obenberger (unavailable); *fagi* Ratzeburg; *gebleri* Obenberger; *ignotus* Schaefer (unavailable); *kamtschaticus* Stepanov (unavailable); *krogerusi* Obenberger; *linearis* Fabricius; *linearis* Panzer (unavailable); *littlei* Curtis; *nocivus* Ratzeburg; *quercinus* Redtenbacher; *rhodanensis* Schaefer (unavailable); *salicivola* Kurosawa; *novicus* Westhoff (unavailable); *serraticornis* Scopoli; *transbaikalensis* Obenberger; *vernadskii* Obenberger; *viridicupreus* Geoffroy (unavailable); *viridipennis* Gory & Laporte

### *Betulaceae*

#### *Alnus* {3}

PANZER, 1806 [#4052] (as *linearis*) – PANZER, 1806 [#4052] – WEST, 1840! [#8781] – KOLLAR, 1858! [#4485] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – LETZNER, 1892 [#4469] – HEB, 1900! [#8936] – ESCHERICH, 1923! [#6717] – IL'INSKIJ, 1948! [#5670] – SCHAEFER, 1964 [#2575] (as *nocivus*) – IVLIEV & KONONOV, 1966! [#8089] (as *kamtschaticus*) – HELLRIGL, 1974! [#1207]

#### *Alnus cordata* (Loisel.) Duby {2}

GOBBI, 1986 [#1100]

#### *Alnus glutinosa* (L.) Gaertn. {3}

SCHAEFER, 1949! [#2565] (as *nocivus*) – SCHAEFER, 1949! [#2565] – HELLRIGL, 1978! [#3442] – GOBBI, 1986 [#1100]

#### *Alnus incana* (L.) Moench {3}

ALEXEEV & SLEPKO, 1998! [#4887]

#### *Alnus viridis* (Chaix) DC. {2}

FRANZ, 1974 [#4334] (as *nocivus*)

#### *Betula* {3}

PAYKULL, 1799 [#3022] – BECHSTEIN, 1818 [#4419] – AUBÉ, 1837! [#4034] (as *aubei*) – AUBÉ, 1837! [#4034] – GORY & LAPORTE, 1839! [#3738] (as *aubei*) – SCHIÖDTE, 1864 [#2595] – GOUREAU, 1867! [#7946] – STIERLIN & GAUTARD, 1869 [#8271] (as *fagi*) – HEYDEN, 1877 [#8479] (as *nocivus*) – HEYDEN, 1877 [#5716] (as *nocivus*) – ALTUM, 1881! [#4896] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – LETZNER, 1892 [#4469] – HEB, 1900!

[#8936] – HEYDEN, 1904 [#5717] (as *nocivus*) – CAILLOL, 1913! [#4053] – PÉNEAU, 1913! [#5270] – ESCHERICH, 1923! [#6717] – ABOT, 1928! [#8304] – SAINTE CLAIRE, 1935 [#8551] (as *aubei*) – IL'INSKIJ, 1948! [#5670] – PALM, 1951! [#9604] – ZOLOTARENKO, 1955! [#8869] – ZOLOTARENKO, 1955! [#9618] – ZOLOTARENKO, 1955! [#9618] (as *gebleri*) – ALEXEEV, 1958! [#3982] – PALM, 1959! [#9605] – PALM, 1962! [#3727] – BRECHTEL & KOSTENBADER, 2002! [#5766] (as *fagi*)

*Betula nana* L. {2}

BRUNDIN, 1934 [#8542] (as *albisetulosus*)

*Betula pendula* Roth. {3}

KROGERUS, 1922! [#3916] (as *Betula verrucosa* Ehrh.) – KROGERUS, 1925! [#3472] (as *Betula verrucosa* Ehrh.) – KANGAS, 1947! [#3622] (as *Betula verrucosa* Ehrh.) – GOBBI, 1986 [#1100] (as *Betula verrucosa* Ehrh.)

*Betula pubescens* var. *glabrata* Wahlenb. {3}

KROGERUS, 1922! [#3916] (as *Betula odorata* Bechst.) – KROGERUS, 1925! [#3472] (as *Betula odorata* Bechst.) – KANGAS, 1947! [#3622] (as *Betula odorata* Bechst.)

*Betula pubescens* var. *pubescens* Ehrh. {3}

LINNÉ, 1760 [#1727] (as *Betula alba* L.) – LINNÉ, 1767 [#1729] (as *Betula alba* L.) – ZETTERSTEDT, 1828 [#7798] (as *Betula alba* L.) – MÉQUIGNON, 1924 [#4487] (as *fagi*) (as *Betula alba* L.) – SCHAEFER, 1949! [#2565] (as *Betula alba* L.) – NIEHUIS, 1988! [#1912] (as *fagi*) (as *Betula alba* L.)

*Betula pubescens* var. *pumila* (L.) Govaerts {3}

BRUNDIN, 1934 [#8542] (as *krogerusi*) (as *Betula tortuosa* Ledeb.)

*Carpinus* {3}

GEOFFROY, 1764 [#4455] (as *viridicupreus*) – PANZER, 1806 [#4052] (as *linearis*) – BAUDUER, 1878 [#165] – CAILLOL, 1913! [#4053] – ZAGAIKEVICH, 1957 [#4976] – PADIJ, 1960! [#8628] – ZAGAIKEVICH, 1962! [#5616] – RUICANESCU, 1993 [#3257]

*Carpinus betulus* L. {3}

SCHAEFER, 1949! [#2565] (as *fagi*) – HUSSON et al., 1952 [#7085] – KAMP, 1952! [#8404] – HELLRIGL, 1978! [#3442]

*Carpinus orientalis* Mill. {3}

TER MINASYAN, 1955! [#7893]

*Corylus* {3}

PAYKULL, 1799 [#3022] – PANZER, 1806 [#4052] (as *linearis*) – PANZER, 1806 [#4052] – OKEN, 1836 [#4439] – SCHIÖDTE, 1864 [#2595] – HOCHHUTH, 1873 [#3453] (as *quercinus*) – RUICANESCU, 1993 [#3257]

*Corylus avellana* L. {3}

MORAGLIO et al., 2013! [#9645]

*Ostrya carpinifolia* Scop. {1}

NOVAK, 1964 [#6567] (as *aubei*)

***Euphorbiaceae****Euphorbia cyparissias* L. {0}

JUNG, 1896 [#9746]

***Fagaceae****Castanea sativa* Mill. {2}

HELLRIGL, 1978! [#3442]

*Fagus* {3}

RATZEBURG, 1837! [#2498] (as *nocivus*) – RATZEBURG, 1837! [#2498] (as *fagi*) – RATZEBURG, 1839! [#2499] (as *nocivus*) – RATZEBURG, 1839! [#3675] – RATZEBURG, 1839! [#2499] (as *fagi*) – WEST, 1840! [#8781] – RATZEBURG, 1844 [#8764] (as *nocivus*) – KELCH, 1846 [#9290] (as *fagi*) – ROSENHAUER, 1847 [#2532] (as *linearis*) – BACH, 1852! [#8076] (as *nocivus*) – BACH, 1852! [#8076] (as *fagi*) – CALWER, 1858 [#8204] (as *nocivus*) – GREDLER, 1863 [#4680] (as *nocivus*) – GOUREAU, 1867! [#7946] – STIERLIN & GAUTARD, 1869 [#8271] – STIERLIN & GAUTARD, 1869 [#8271] (as *fagi*) – BAUDUER, 1878 [#165] – NÖRDLINGER, 1880! [#4432] (as *fagi*) – ALTUM, 1881! [#4896] – KEPPE, 1882! [#8636] (as *fagi*) – KEPPE, 1882! [#8636] (as *nocivus*) – NÖRDLINGER, 1884! [#8879] – DELHERM DE LARCENNE, 1885 [#3924] (as *fagi*) – JUDEICH & NITSCH, 1889! [#5686] – LETZNER, 1892 [#4469] – JUDEICH & NITSCH, 1895! [#8987] – HEYDEN, 1897! [#5286] (as *fagi*) – BOAS, 1898! [#8940] – HER, 1900! [#8936] – ELLIOTT & MORLEY, 1907! [#8725] – CAILLOL, 1913! [#4053] – PÉNEAU, 1913! [#5270] – ESCHERICH, 1923! [#6717] – ABOT, 1928! [#8304] – SAINTE CLAIRE, 1935 [#8551] (as *aubei*) – IL'INSKI, 1948! [#5670] – SCHAEFER, 1949 [#3285] (as *fagi*) – BOVEY, 1953! [#8418] – HEERING, 1956! [#1195] – PALM, 1962! [#3727] – SCHAEFER, 1963! [#3591] – DANILEVSKY, 1979! [#6483] – BRECHTEL & KOSTENBADER, 2002 [#5766] (as *nocivus*) – NIEHUIS, 2004 [#6762] (as *fagi*) – KLETECKA, 2009! [#9165]

*Fagus orientalis* Lipsky {3}

ADELI &amp; SOLEIMANI, 1976! [#8300]

*Fagus sylvatica* L. {3}

BECHSTEIN, 1818! [#4419] – SCHAEFER, 1949! [#2565] – KAMP, 1951! [#8684] – HUSSON et al., 1952! [#7085] – KAMP, 1952! [#8404] – HEERING, 1956! [#3716] – TASSI, 1962 [#2677] – NOVAK, 1964 [#6567] – HELLRIGL, 1978! [#3442] – SCHÖNHERR et al., 1983! [#9741] – BRECHTEL & KOSTENBADER, 2002! [#5766] (as *fagi*) – KLETECKA, 2002! [#5805] – FORSTER & ENGESSER, 2003! [#9656] – NIEHUIS, 2004 [#6762] (as *fagi*) – PETERCORD & DELB, 2008! [#8387] – LAKATOS & MOLNÁR, 2009! [#9646] – ŠKORPIK et al., 2011! [#9173] – BRÜCK-DYCKHOFF, 2012! [#9430]

*Quercus* {0}

PANZER, 1806 [#4052] – LACORDAIRE, 1835 [#3892] (as *cyaneus*) – LACORDAIRE, 1835 [#3892] – STEPHENS, 1839 [#4038] – WEST, 1840! [#8781] – ROGER, 1856 [#7468] – LE GRAND, 1861 [#8881] (as *distinguendus*) – GOUREAU, 1867! [#7946] – REITTER, 1870 [#4393] – HOCHHUTH, 1873 [#3453] (as *quercinus*) – BAUDUER,

1878 [#165] – BREHM & KUNCKEL D'HERCULAIS, 1882! [#9003] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – LETZNER, 1892 [#4469] – XAMBEU, 1893! [#7788] (as *aubei*) – XAMBEU, 1893! [#7788] – JUDEICH & NITSCHKE, 1895! [#8987] – HEB, 1900! [#8936] – DAEHNE, 1912 [#3609] – PÉNEAU, 1913! [#5270] – ESCHERICH, 1923! [#6717] – ABOT, 1928 [#8304] – RAPP, 1934 [#8272] – HUSSON et al., 1952 [#7085] – SIMON, 1966 [#3266] – FRANZ, 1974 [#4334] – RUICANESCU, 1993 [#3257]

*Quercus cerris* L. {0}

KANAT & AKBULUT, 2005! [#9653]

*Quercus robur* L. {0}

SCHAEFER, 1949! [#2565] – VOLODCHENKO, 2013! [#9639]

*Quercus suber* L. {0}

JAUBERT, 1858 [#1351] – CAILLOL, 1913! [#4053]

## ***Grossulariaceae***

*Ribes* {0}

DEKHTIAREV, 1928! [#8663] – MIKHAL'TSOV, 1969! [#9441] – VOLKOVITSH, 1977 [#2985] (as *aubei*) – SAVKOVSKII & RYBALOV, 1981! [#6092]

## ***Malvaceae***

*Tilia* {3}

NÖRDLINGER, 1880 [#4432] (as *fagi*) – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – HEB, 1900! [#8936] – ESCHERICH, 1923! [#6717] – IL'INSKIJ, 1948! [#5670] – HELLRIGL, 1978! [#3442]

*Tilia cordata* Mill. {3}

KAMP, 1952! [#8404] (as *Tilia parvifolia* Ehrh. ex Hoffm.)

## ***Myricaceae***

*Myrica gale* L. {3}

PERRIS, 1877! [#3722] (as *nocivus*) – BAUDUER, 1878 [#165] – XAMBEU, 1893! [#7788] (as *nocivus*) – KROGERUS, 1922! [#3916] (as *nocivus*) – KROGERUS, 1925 [#3472] (as *nocivus*)

## ***Oleaceae***

*Fraxinus* {0}

BOLLA, 1859 [#7448]



**Rhamnaceae***Rhamnus alaternus* L. {1}

CAILLOL, 1913! [#4053]

**Rosaceae***Crataegus* {0}

BECHSTEIN, 1818 [#4419]

*Pyrus* {0}

GÉHIN, 1860! [#3928] – BOISDUVAL, 1867! [#6844]

*Pyrus pyraister* (L.) Du Roi {0}

CAILLOL, 1913! [#4053]

*Rosa* {0}

BAUDUER, 1878 [#165] – ALTUM, 1881! [#4896] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – WEISS, 1916! [#6742] – WEISS, 1916! [#3913] – ENDERLEIN, 1923! [#3426] – ESCHERICH, 1923! [#6717] – WELLS, 1926! [#9061] (as *fagi*) – RAPP, 1934 [#8272] – BALACHOWSKY et al., 1936! [#4431]

*Rosa carolina* L. {0}KNULL, 1922 [#1509] (as *fagi*)*Rosa hugonis* Hemsl. {0}

BRITTON, 1926! [#6727] (as *fagi*) – BRITTON & ZAPPE, 1927! [#5181] (as *fagi*) – DODGE & RICKETT, 1943! [#7342]

*Rosa rugosa* Thunb. {0}

KNULL, 1922! [#1509] (as *fagi*) – MUTCHLER & WEISS, 1922! [#1858] (as *fagi*) – BRITTON, 1926! [#6727] (as *fagi*) – BRITTON & ZAPPE, 1927! [#5181] (as *fagi*)

*Rubus* {0}CAILLOL, 1913! [#4053] – VASIL'EV, 1927! [#5834] (as *fagi*) – RAPP, 1934 [#8272]*Rubus idaeus* L. {0}

PJATAKOWA, 1930 [#8320]

*Sorbus aria* Crantz {1}

KAMP, 1952! [#8404]

*Sorbus torminalis* (L.) Crantz {1}

KAMP, 1952! [#8404]

**Salicaceae***Populus* {0}

WEST, 1840! [#8781] – NÖRDLINGER, 1884! [#8879] – JUDEICH & NITSCHKE, 1889! [#5686] – XAMBEU, 1893! [#7788] – DAEHNE, 1912 [#3609] – IL'INSKIJ, 1948!

[#5670] – PALM, 1951! [#9604] – ZOLOTARENKO, 1955! [#8869] – ZOLOTARENKO, 1955! [#9618] – PALM, 1959! [#9605] – ZOLOTARENKO, 1959! [#8868] – ZOLOTARENKO, 1959! [#8868] (as *gebleri*) – GRECHKIN & VORONCOV, 1962! [#8242] – ALEXEEV, 1969! [#51] (as *erronesculus*) – CHARARAS, 1972! [#9206] – ALEXEEV, 1989 [#64] (as *vernadskii*) – ALEXEEV & VOLKOVITSH, 1989! [#3241] (as *vernadskii*) – ALEXEEV & VOLKOVITSH, 1989! [#3241] (as *transbaicalensis*) – TLEPPAEVA, 1999! [#6551]

*Populus alba* L. {0}

GRECHKIN, 1951! [#8606]

*Populus alba* var. *pyramidalis* Bunge {0}

GRECHKIN, 1951! [#8606] (as *Populus bolleana* Lauche)

*Populus balsamifera* L. {0}

GRECHKIN, 1951! [#8606]

*Populus canadensis* Moench {0}

GRECHKIN, 1951! [#8606]

*Populus nigra* L. {0}

GRECHKIN, 1951! [#8606]

*Populus suaveolens* Fisch. {0}

GRECHKIN, 1951! [#8606]

*Populus tremula* L. {0}

LOKAJ, 1869 [#4332] (as *linearis*) – BAUDUER, 1878 [#165] – NÖRDLINGER, 1880! [#4432] (as *nocivus*) – DELHERM DE LARCENNE, 1885 [#3924] (as *distinguendus*) – HEYDEN, 1897 [#5286] (as *nocivus*) – CAILLOL, 1913! [#4053] – SCHAEFER, 1949! [#2565] (as *fagi*) – KAMP, 1952! [#8404] – PALM, 1962! [#3727]

*Salix* {3}

ZETTERSTEDT, 1828 [#7798] – OKEN, 1836 [#4439] – PERRIS, 1851! [#3721] (as *viridipennis*) – MARSEUL, 1866! [#676] – STIERLIN & GAUTARD, 1869 [#8271] – SIEBKE, 1874 [#8877] – HEYDEN, 1877 [#8479] (as *linearis*) – NÖRDLINGER, 1880! [#4432] (as *fagi*) – WESTHOFF, 1881 [#3925] – DELHERM DE LARCENNE, 1885 [#3924] – FAVRE & BUGNION, 1890 [#5593] – RÄTZER, 1893 [#9008] – XAMBEU, 1893! [#7788] – FLEISCHER, 1896 [#9745] – CAILLOL, 1913! [#4053] – PASQUET, 1923 [#9002] – ABOT, 1928! [#8304] – RAPP, 1934 [#8272] – PALMÉN, 1946 [#7730] – IL'INSKIJ, 1948! [#5670] – SCHAEFER, 1949 [#3285] – PALM, 1951! [#9604] – KAMP, 1952! [#8404] – ZOLOTARENKO, 1955! [#9618] – ZOLOTARENKO, 1955! [#9618] (as *gebleri*) – HEERING, 1956! [#1195] – ALEXEEV, 1958! [#3982] – MAKHOVSKIJ, 1958! [#6090] (as *transbaicalensis*) – MAKHOVSKIJ, 1959! [#5829] (as *transbaicalensis*) – SCHAEFER, 1963! [#3591] – SCHAEFER, 1964 [#2575] (as *nocivus*) – IVLIEV & KONONOV, 1966! [#8089] (as *kamtschaticus*) – ALEXEEV, 1975 [#52] – NIEHUIS, 1988! [#1912] – ALEXEEV, 1989 [#64] (as *vernadskii*) – ALEXEEV, 1989 [#64] (as *transbaicalensis*) – ALEXEEV, 1989 [#64] (as *gebleri*) – ALEXEEV & VOLKOVITSH, 1989! [#3241] (as *transbaicalensis*) – TLEPPAEVA, 1999! [#6551] – KLETECKA, 2009! [#9165] – PROKHOROV, 2009 [#9353]

*Salix alba* L. {3}

GOBERT, 1878! [#5294] – GOBBI, 1968! [#1090]

*Salix auriculata* Mill. {2}

CURTIS, 1840 [#660] (as *littlei*)

*Salix aurita* L. {3}

STURM, 1796! [#4850] (as *linearis*) – SCHAEFER, 1949 [#3285] (as *fagi*) – SCHAEFER, 1949! [#2565] (as *fagi*) – SCHAEFER, 1949 [#3285] (as *belial*) – SCHAEFER, 1949! [#2565] – BRECHTEL & KOSTENBADER, 2002! [#5766]

*Salix aurita* ssp. *uliginosa* (Willd.) H. Passarge {3}

LETZNER, 1892 [#4469] (as *Salix uliginosa* (Willd.))

*Salix caprea* L. {3}

CHEVROLAT, 1838! [#490] (as *capreae*) – ROGER, 1856 [#7468] – REITTER, 1870 [#4393] – HEYDEN, 1877 [#5716] (as *linearis*) – LETZNER, 1892 [#4469] – HUBENTHAL, 1902 [#8530] (as *linearis*) – HEYDEN, 1904 [#5717] (as *linearis*) – DAEHNE, 1912 [#3609] (as *linearis*) – BEDEL, 1921! [#170] – KANGAS, 1947! [#3622] – SCHAEFER, 1949! [#2565] – SCHAEFER, 1949! [#2565] (as *fagi*) – SCHAEFER, 1949 [#3285] (as *fagi*) – PALM, 1962! [#3727] – GOBBI, 1971 [#1092] – FRANZ, 1974 [#4334] – HELLRIGL, 1974! [#1207] – HELLRIGL, 1978! [#3442] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – GUTOWSKI & MILKOWSKI, 2008! [#8244] – ŠKORPIK et al., 2011 [#9173]

*Salix cinerea* L. {3}

SCHIÖDTE, 1864 [#2595] – LETZNER, 1892 [#4469] – SCHAEFER, 1934 [#4394] (as *rhodanensis*) – SCHAEFER, 1964 [#2575] – MERKL, 1991 [#6564] – BRECHTEL & KOSTENBADER, 2002! [#5766] – NIEHUIS, 2004! [#6762] – HODGES, 2006 [#9212]

*Salix lanata* L. {2}

PRELLER, 1862 [#8876]

*Salix purpurea* L. {3}

SCHAEFER, 1964 [#2575] – SCHAEFER, 1984 [#2580] (as *ignotus*) – SCHAEFER, 1984 [#2580] (as *rhodanensis*)

*Salix sachalinensis* F. Schmidt {3}

KUROSAWA, 1963! [#1617] (as *salicivola*) – AKIYAMA & OHMOMO, 1997 [#4091] (as *salicivola*)

*Salix schwerinii* E. L. Wolf {3}

KUROSAWA, 1963! [#1617] (as *salicivola*) (as *Salix yezoensis* Kimura) – AKIYAMA & OHMOMO, 1997 [#4091] (as *salicivola*) (as *Salix yezoensis* Kimura)

*Salix viminalis* L. {3}

SCOPOLI, 1763 [#2606] (as *serraticornis*) – BRECHTEL & KOSTENBADER, 2002! [#5766]

***Sapindaceae****Acer* {3}

MOKRZECKI, 1898! [#8909] – IL'INSKIJ, 1948! [#5670] – SCHAEFER, 1949! [#2565] – VOLKOVITSH & ALEXEEV, 1994 [#2974] – BARIMANI VARANDI et al., 2009! [#8793]

*Acer campestre* L. {3}BASURMANOVA, 1958! [#4975] (as *basurmanovae*) – BASURMANOVA, 1958! [#4974]*Acer opalus* Mill. {3}

GOBBI, 1986! [#1100]

*Acer platanoides* L. {3}BASURMANOVA, 1958! [#4975] (as *basurmanovae*) – BASURMANOVA, 1958! [#4974]*Acer pseudoplatanus* L. {3}KAMP, 1952! [#8404] – GUTOWSKI & MILKOWSKI, 2008! [#8244] (as *fagi*)*Acer tataricum* L. {3}ALEXEEV, 1957! [#3226] (as *aceris*) – BASURMANOVA, 1958! [#4975](as *basurmanovae*) – BASURMANOVA, 1958! [#4974] – ALEXEEV, 1969! [#51](as *aceris*)*Acer tataricum* ssp. *ginnala* Maxim. {3}BASURMANOVA, 1958! [#4974] (as *Acer ginnala* Maxim.)**Ulmaceae***Ulmus davidiana* var. *japonica* (Rehder) Nakai {1}

OHMOMO &amp; FUKUTOMI, 2013 [#9491]

*Ulmus minor* Mill. {1}

WEIDLICH, 1989 [#6165]

**Vitaceae***Vitis* {0}

CAILLOL, 1913! [#4053]

**Synopsis** LINNÉ, 1760 [#1727] (*Betula alba*) – SCOPOLI, 1763 [#2606] (*Salix viminalis*) (as *serraticornis*) – GEOFFROY, 1764 [#4455] (*Carpinus*) (as *viridicupreus*) – LINNÉ, 1767 [#1729] (*Betula alba*) – FABRICIUS, 1775 [#830] (*Betula alba*) – FABRICIUS, 1781 [#832] (*Betula alba*) – VILLIERS, 1789 [#685] (*Betula alba*) – GMELIN, 1790 [#1087] (*Betula alba*) – FABRICIUS, 1792 [#834] (*Betula alba*) – PANZER, 1795 [#4041] (*Betula*) – STURM, 1796 [#4850] (*Salix aurita*) (as *linearis*) – CEDERHJELM, 1798 [#5314] (*Betula alba*) – PAYKULL, 1799 [#3022] (*Betula*; *Corylus*) – MARSHAM, 1802 [#6052] (*Betula alba*) – PANZER, 1806 [#4052] (*Corylus*; *Alnus*; *Quercus*) – PANZER, 1806 [#4052] (*Corylus*; *Alnus*; *Carpinus*) (as *linearis*) – BECHSTEIN, 1818 [#4419] (*Crataegus*; *Betula*; *Fagus*) – SAMOUELLE, 1819 [#7071] (*Betula*; *Corylus*) – ZETTERSTEDT, 1828 [#7798] (*Betiula alba*; *Salix*) – LACORDAIRE, 1835 [#3892] (*Quercus*) – LACORDAIRE, 1835 [#3892] (*Quercus*) (as *cyaneus*) – OKEN, 1836 [#4439] (*Corylus*; *Salix*) – AUBÉ, 1837 [#4034] (*Betula*) – AUBÉ, 1837 [#4034] (*Betula*) (as *aubei*) – RATZEBURG, 1837 [#2498] (*Fagus*) (as *fagi*) – RATZEBURG, 1837 [#2498] (*Fagus*) (as *nocivus*) –

CHEVROLAT, 1838 [#490] (*Salix caprea*) (as *capreae*) – GORY & LAPORTE, 1839 [#3738] (*Betula*) (as *aubei*) – RATZEBURG, 1839 [#2499] (*Fagus*) (as *nocivus*) (biology) – RATZEBURG, 1839 [#2499] (*Fagus*) (as *fagi*) (biology) – RATZEBURG, 1839 [#3675] (*Fagus*) (biology) – STEPHENS, 1839 [#4038] (*Quercus*) – CURTIS, 1840 [#660] (*Salix auriculata*) (as *littlei*) – WEST, 1840 [#8781] (*Fagus*; *Alnus*; *Quercus*; *Populus*) – RATZEBURG, 1844 [#8764] (*Fagus*) (as *nocivus*) – KELCH, 1846 [#9290] (*Fagus*) (as *fagi*) – ROSENHAUER, 1847 [#2532] (*Fagus*) (as *linearis*) – PERRIS, 1851 [#3721] (*Salix*) (as *viridipennis*) (biology) – BACH, 1852 [#8076] (*Fagus*) (as *nocivus*) – BACH, 1852 [#8076] (*Fagus*) (as *fagi*) – ROGER, 1856 [#7468] (*Quercus*; *Salix caprea*) – CALWER, 1858 [#8204] (*Fagus*) (as *nocivus*) – JAUBERT, 1858 [#1351] (*Quercus suber*) – KOLLAR, 1858 [#4485] (*Alnus*) (biology) – BOLLA, 1859 [#7448] (*Fraxinus*) – GÉHIN, 1860 [#3928] (*Pyrus*) (biology) – LE GRAND, 1861 [#8881] (*Quercus*) (as *distinguendus*) – PRELLER, 1862 [#8876] (*Salix lanata*) – GREDLER, 1863 [#4680] (*Fagus*) (as *nocivus*) – SCHIÖDTE, 1864 [#2595] (*Corylus*; *Betula*; *Salix cinerea*) – MARSEUL, 1866 [#676] (*Salix*; *Betula*) – BOISDUVAL, 1867 [#6844] (*Pyrus*) (biology) – GOUREAU, 1867 [#7946] (*Fagus*; *Betula*; *Quercus*) (biology) – LOKAI, 1869 [#4332] (*Populus tremula*) (as *linearis*) – STIERLIN & GAUTARD, 1869 [#8271] (*Salix*; *Fagus*) – STIERLIN & GAUTARD, 1869 [#8271] (*Fagus*; *Betula*) (as *fagi*) – REITTER, 1870 [#4393] (*Quercus*; *Salix caprea*) – HOCHHUTH, 1873 [#3453] (*Corylus*; *Quercus*) (as *quercinus*) – KALTENBACH, 1874 [#8154] (*Fagus*) (as *fagi*) – KALTENBACH, 1874 [#8154] (*Fagus*) – SIEBKE, 1874 [#8877] (*Salix*) – HEYDEN, 1877 [#5716] (*Salix caprea*) (as *linearis*) – HEYDEN, 1877 [#8479] (*Betula*) (as *nocivus*) – HEYDEN, 1877 [#8479] (*Salix*) (as *linearis*) – HEYDEN, 1877 [#5716] (*Betula*) (as *nocivus*) – PERRIS, 1877 [#3722] (*Myrica gale*) (as *nocivus*) (biology) – BAUDUER, 1878 [#165] (*Quercus*; *Carpinus*; *Fagus*; *Myrica gale*; *Populus tremula*; *Rosa*) – GOBERT, 1878 [#5294] (*Myrica gale*) (as *nocivus*) (biology) – GOBERT, 1878 [#5294] (*Salix alba*) (biology) – GOBERT, 1878 [#5294] (*Populus tremula*) (as *distinguendus*) (biology) – NÖRDLINGER, 1880 [#4432] (*Tilia*; *Salix*; *Fagus*) (as *fagi*) – NÖRDLINGER, 1880 [#4432] (*Populus tremula*) (as *nocivus*) – ALTUM, 1881 [#4896] (*Fagus*; *Betula*; *Rosa*) – WESTHOFF, 1881 [#3925] (*Salix*) – BREHM & KUNCKEL D'HERCULAIS, 1882 [#9003] (*Quercus*) – KEPPEL, 1882 [#8636] (*Fagus*; *Betula*; *Salix*) – KEPPEL, 1882 [#8636] (*Fagus*) (as *nocivus*) – KEPPEL, 1882 [#8636] (*Fagus*) (as *fagi*) – BAUDUER, 1883 [#5143] (*Quercus*; *Carpinus*; *Fagus*; *Myrica gale*; *Populus tremula*; *Rosa*; *Betula*) – JÄGER, 1884 [#5594] (*Fagus*; *Betula*; *Rosa*) – NÖRDLINGER, 1884 [#8879] (*Fagus*; *Populus*; *Tilia*; *Quercus*; *Betula*; *Alnus*; *Rosa*) (biology) – DELHERM DE LARCENNE, 1885 [#3924] (*Salix*) – DELHERM DE LARCENNE, 1885 [#3924] (*Fagus*) (as *fagi*) – DELHERM DE LARCENNE, 1885 [#3924] (*Populus tremula*) (as *distinguendus*) – LUDWIG, 1886 [#8972] (*Fagus*; *Alnus*; *Betula*) (biology) – JUDEICH & NITSCHKE, 1889 [#5686] (*Fagus*; *Quercus*; *Alnus*; *Populus*; *Tilia*; *Betula*; *Rosa*) (biology) – FAVRE & BUGNION, 1890 [#5593] (*Salix*) – LETZNER, 1892 [#4469] (*Quercus*; *Fagus*; *Betula*; *Alnus*; *Salix caprea*; *S. cinerea*; *S. uliginosa*) – RÄTZER, 1893 [#9008] (*Salix*) – STIERLIN, 1893 [#7652] (*Fagus*; *Betula*; *Rosa*) – XAMBEU, 1893 [#7788] (*Myrica gale*) (as *nocivus*) (biology) – XAMBEU, 1893 [#7788] (*Quercus*; *Salix*; *Populus*) (biology) – XAMBEU, 1893 [#7788] (*Quercus*) (as *aubei*) (biology) – JUDEICH &

NITSCHKE, 1895 [#8987] (*Quercus; Fagus*) – FLEISCHER, 1896 [#9745] (*Salix*) – JUNG, 1896 [#9746] (*Euphorbia cyparissias*) – ABEILLE DE PERRIN, 1897 [#19] (*Quercus; Acer; Fagus; Alnus; Betula; Tilia; Salix*) – HEYDEN, 1897 [#5286] (*Fagus*) (as *fagi*) – HEYDEN, 1897 [#5286] (*Populus tremula*) (as *nocivus*) – BOAS, 1898 [#8940] (*Fagus*) – MOKRZECKI, 1898 [#8909] (*Acer*) (biology) – HEB, 1900 [#8936] (*Fagus; Quercus; Alnus; Betula; Tilia*) (biology) – FÜRST, 1902 [#8989] (*Fagus; Quercus*) (biology) – HUBENTHAL, 1902 [#8530] (*Salix caprea*) (as *linearis*) – HEYDEN, 1904 [#5717] (*Salix caprea*) (as *linearis*) – HEYDEN, 1904 [#5717] (*Betula*) (as *nocivus*) – NÜSSLIN, 1905 [#8992] (*Fagus; Quercus; Alnus; Populus; Tilia; Betula; Acer*) (biology) – ELLIOTT & MORLEY, 1907 [#8725] (*Fagus*) – GILLANDERS, 1908 [#9688] (*Fagus*) (biology) – STIERLIN, 1909 [#9006] (*Fagus*) – PÉNEAU, 1911 [#8928] (*Quercus*) – DAEHNE, 1912 [#3609] (*Salix caprea*) (as *linearis*) – DAEHNE, 1912 [#3609] (*Quercus; Populus*) – CAILLOL, 1913 [#4053] (*Rhamnus alaternus; Quercus suber; Carpinus; Fagus; Populus tremula; Betula; Salix; Pyrus pyraster; Vitis; Rubus*) (biology) – CAILLOL, 1913 [#4053] (*Fagus; Betula*) (as *fagi*) – PÉNEAU, 1913 [#5270] (*Myrica gale*) (as *nocivus*) – PÉNEAU, 1913 [#5270] (*Quercus; Fagus; Betula*) (biology) – REH, 1913 [#8153] (*Quercus; Fagus; Alnus; Populus; Tilia; Betula; Rosa; Vitis*) – WEISS, 1916 [#3913] (*Rosa*) – WEISS, 1916 [#6742] (*Rosa*) – WEISS, 1916 [#5954] (*Rosa*) (as *fagi*) – PIERCE, 1917 [#6667] (*Alnus; Fagus; Betula; Pinus; Tilia; Acer; Quercus; Rosa; Vitis; Populus*) – FROST & WEISS, 1920 [#9782] (*Rosa*) (as *fagi*) – BEDEL, 1921 [#170] (*Salix caprea*) (biology) – BEDEL, 1921 [#170] (*Fagus; Betula alba*) (as *fagi*) – BEDEL, 1921 [#170] (*Myrica gale; Populus tremula*) (as *nocivus*) – KNULL, 1922 [#1509] (*Rosa rugosa; R. carolina*) (as *fagi*) (biology) – KROGERUS, 1922 [#3916] (*Betula verrucosa; B. odorata*) (biology) – KROGERUS, 1922 [#3916] (*Fagus; Salix*) (as *fagi*) – KROGERUS, 1922 [#3916] (*Myrica gale*) (as *nocivus*) – MUTCHLER & WEISS, 1922 [#1858] (*Rosa rugosa*) (as *fagi*) (biology) – ENDERLEIN, 1923 [#3426] (*Rosa*) – ESCHERICH, 1923 [#6717] (*Fagus; Alnus; Quercus; Tilia; Betula; Rosa*) (biology) – PASQUET, 1923 [#9002] (*Salix*) – FROST, 1924 [#1030] (*Rosa rugosa*) (as *fagi*) – MÉQUIGNON, 1924 [#4487] (*Betula alba*) (as *fagi*) – KOLBE, 1925 [#4491] (*Fagus; Quercus; Betula; Alnus; Salix; Populus; Acer; Tilia; Vitis*) – KROGERUS, 1925 [#3472] (*Betula verrucosa; B. odorata*) – KROGERUS, 1925 [#3472] (*Salix caprea*) (as *fagi*) – KROGERUS, 1925 [#3472] (*Myrica gale*) (as *nocivus*) – BRITTON, 1926 [#6727] (*Rosa hugonis; Rosa rugosa*) (as *fagi*) – CHAMBERLIN, 1926 [#468] (*Rosa rugosa; Rosa carolina*) (as *fagi*) – WELLS, 1926 [#9061] (*Rosa*) (as *fagi*) – BRITTON & ZAPPE, 1927 [#5181] (*Rosa rugosa; R. hugonis*) (as *fagi*) – REH, 1927 [#8947] (*Quercus; Fagus; Alnus; Acer; Populus; Salix; Tilia; Betula; Vitis*) (biology) – VASIL'EV, 1927 [#5834] (*Rubus*) (as *fagi*) (biology) – ABOT, 1928 [#8304] (*Quercus; Fagus; Betula; Salix*) – DEKHTIAREV, 1928 [#8663] (*Ribes*) – FISHER, 1928 [#980] (*Rosa rugosa; R. blanda; R. multiflora japonica; R. rubrafolia; R. nitida; R. setigera; R. hugonis; R. carolina*) (as *fagi*) – STELLWAAG, 1928 [#8165] (*Fagus; Alnus; Quercus; Populus; Tilia; Betula; Acer*) – PJATAKOWA, 1930 [#8320] (*Rubus idaeus*) – BRUNDIN, 1934 [#8542] (*Betula tortuosa*) (as *krogerusi*) – BRUNDIN, 1934 [#8542] (*Betula nana*) (as *albisetulosus*) – RAPP, 1934 [#8272] (*Quercus; Salix; Rosa; Rubus*) – SCHAEFER, 1934 [#4394] (*Salix cinerea*) (as *rhodanensis*) – SAINTE CLAIRE, 1935 [#8551] (*Fagus; Betula*) (as *aubei*) – SAINTE CLAIRE, 1935 [#8551] (*Fagus; Myrica*)

(as *nocivus*) – SAINTE CLAIRE, 1935 [#8551] (*Salix caprea*) (as *linearis*) – BALACHOWSKY et al., 1936 [#4431] (*Rosa*) – POMERANCEV, 1938 [#4977] (*Acer; Tilia; Populus; Salix; Betula*) (biology) – DODGE & RICKETT, 1943 [#7342] (*Rosa hugonis*) (biology) – PALMÉN, 1946 [#7730] (*Salix*) – SCHAEFER, 1946 [#3288] (*Salix*) (as *ignotus*) – KANGAS, 1947 [#3622] (*Betula verrucosa; B. odorata; Salix caprea*) – IL'INSKIJ, 1948 [#5670] (*Salix; Populus; Betula; Alnus; Acer; Tilia; Fagus*) – SCHAEFER, 1949 [#3285] (*Salix caprea; S. aurita; Fagus*) (as *fagi*) – SCHAEFER, 1949 [#3285] (*Salix aurita*) (as *belial*) – Schaefer, 1949 [#3285] (*Salix*) – SCHAEFER, 1949 [#2565] (*Salix; Betula; Alnus; Fagus; Acer; Quercus; Populus*) (biology) – SCHAEFER, 1949 [#2565] (*Fagus sylvatica; Alnus glutinosa; Myrica gale; Populus tremula; Acer*) (as *nocivus*) – SCHAEFER, 1949 [#2565] (*Fagus sylvatica; Betula alba; Carpinus betulus; Salix caprea; Quercus; Rosa*) (as *fagi*) – Grechkin, 1951 [#8606] (*Populus canadensis; P. balsamifera; P. nigra; P. alba; P. sauveolens; P. bolleana; P. bachofenii; P. densa; P. tremula* and hybrids) (biology) – KAMP, 1951 [#8684] (*Fagus sylvatica*) (biology) – PALM, 1951 [#9604] (*Betula; Populus; Salix*) (biology) – WOELFLE, 1951 [#7086] (*Fagus*) – ZAKHAROV & LEVKOVICH, 1951 [#8638] (*Tilia cordata; Betula verrucosa; Acer platanoides; Acer tataricum; Salix alba; S. caprea; S. triandra; S. pentandra; S. purpurea; S. acutifolia; Alnus glutinosa*) – HUSSON et al., 1952 [#7085] (*Fagus sylvatica; Carpinus betulus*) (biology) – KAMP, 1952 [#8404] (*Fagus sylvatica; Acer pseudoplatanus; Sorbus aria; Tilia parvifolia; Populus tremula; Salix; Sorbus terminalis; Carpinus betulus*) (biology) – BOVEY, 1953 [#8418] (*Fagus*) – HORION, 1955 [#1285] (*Salix; Betula; Alnus; Fagus*) (biology) – HORION, 1955 [#1285] (*Fagus; Alnus; Myrica; ?Populus tremula; ?Acer*) (as *nocivus*) – HORION, 1955 [#1285] (*Fagus; Carpinus; Betula; Salix caprea; ?Quercus*) (as *fagi*) – TER MINASYAN, 1955 [#7893] (*Ribes*) (as *fagi*) – TER MINASYAN, 1955 [#7893] (*Acer; Carpinus orientalis; Fagus; Alnus; Salix; Populus*) – ZOLOTARENKO, 1955 [#9618] (*Salix; Betula*) (as *gebleri*) – ZOLOTARENKO, 1955 [#8869] (*Betula; Populus*) (biology) – ZOLOTARENKO, 1955 [#9618] (*Populus; Salix; Betula*) (biology) – HEERING, 1956 [#1195] (*Salix; Fagus*) (biology) – HEERING, 1956 [#3716] (*Fagus sylvatica; Acer; Alnus; Corylus; Tilia; Salix*) (biology) – ALEXEEV, 1957 [#3226] (*Populus*) (as *erronesculus*) (biology) – ALEXEEV, 1957 [#3226] (*Acer tataricum*) (as *aceris*) – ZAGAIKEVICH, 1957 [#4976] (*Carpinus*) (biology) – ALEXEEV, 1958 [#3982] (*Betula; Salix*) – BASURMANOVA, 1958 [#4974] (*Acer platanoides; A. campestre; A. tataricum; A. ginnala*) (biology) – BASURMANOVA, 1958 [#4975] (*Acer campestre; Acer platanoides; A. tataricum*) (as *basurmanovae*) (biology) – MAKHNOVSKIJ, 1958 [#6090] (*Salix*) (as *transbaicalensis*) (biology) – SLIVKINA, 1958 [#8660] (*Populus*) – MAKHNOVSKIJ, 1959 [#5829] (*Salix*) (as *transbaicalensis*) (biology) – PALM, 1959 [#9605] (*Betula; Populus*) (biology) – ZOLOTARENKO, 1959 [#8868] (*Populus*) (as *gebleri*) – ZOLOTARENKO, 1959 [#8868] (*Populus*) – KHARAZISHVILI, 1960 [#8630] (*Populus*) – PADII, 1960 [#8628] (*Carpinus*) – BALACHOWSKY et al., 1962 [#96] (*Betula; Salix; Fagus; Carpinus; Alnus; Acer; Rhamnus; Tilia; Quercus; Malus; Sorbus; Pirus; Vitis*) – GRECHKIN & VORONCOV, 1962 [#8242] (*Populus*) (biology) – PALM, 1962 [#3727] (*Betula; Populus tremula; Salix caprea; Fagus*) (biology) – TASSI, 1962 [#2678] (*Fagus sylvatica*) – TASSI, 1962 [#2677] (*Fagus sylvatica*) – ZAGAIKEVICH, 1962 [#5616]

(*Carpinus*) – ZAGAIKEVICH, 1962 [#3249] (*Carpinus*; *Fagus*; *Acer*; *Salix*; *Populus*; *Betula*) – KUROSAWA, 1963 [#1617] (*Salix sachalinensis*, *S. yezoensis*) (as *salicivola*) – SAMEDOV, 1963 [#6091] (*Vitis*; *Rubus*; *Rosa*; *Populus*; *Salix*; *Fagus*; *Carpinus*) – SCHAEFER, 1963 [#3591] (*Salix*; *Fagus*) – NOVAK, 1964 [#6567] (*Fagus sylvatica*) – NOVAK, 1964 [#6567] (*Ostrya carpinifolia*) (as *aubei*) – SCHAEFER, 1964 [#2575] (*Salix*; *Alnus*) (as *nocivus*) – SCHAEFER, 1964 [#2575] (*Salix purpurea*; *S. cinerea*) – KHRAMCOV & PADIJ, 1965 [#8649] (*Betula*; *Populus*; *Salix*; *Alnus*; *Acer*; *Fagus*) (biology) – IVLIEV & KONONOV, 1966 [#8089] (*Salix*; *Alnus*) (as *kamtschaticus*) (biology) – SIMON, 1966 [#3266] (*Quercus*) – GOBBI, 1968 [#1090] (*Salix alba*) – GOTTWALD, 1968 [#1114] (*Salix*; *Fagus*; *Quercus*; *Betula*; *Alnus*; *Acer*) – ALEXEEV, 1969 [#51] (*Populus*) (as *erronesculus*) – ALEXEEV, 1969 [#51] (*Acer tataricum*) (as *aceris*) – ALEXEEV, 1969 [#51] (*Acer*) (as *linearis*) – MIKHAL'TSOV, 1969 [#9441] (*Ribes*) – KAILIDIS, 1970 [#9603] (*Populus*) – GOBBI, 1971 [#1092] (*Salix caprea*) – CHARARAS, 1972 [#9206] (*Populus*) (biology) – FRANZ, 1974 [#4334] (*Salix caprea*; *Quercus*) – FRANZ, 1974 [#4334] (*Alnus viridis*) (as *nocivus*) – HELLRIGL, 1974 [#1207] (*Alnus*; *Salix caprea*; not *Quercus*) – SEKENDIZ, 1974 [#8870] (*Populus alba*; *Populus tremula*) (biology) – ALEXEEV, 1975 [#52] (*Salix*) – ADELI & SOLEIMANI, 1976 [#8300] (*Fagus orientalis*) – VOLKOVITSH, 1977 [#2985] (*Ribes*) (as *aubei*) – HELLRIGL, 1978 [#3442] (*Fagus*; *Salix*; *Alnus*; *Betula*; *Carpinus*; *Corylus*; *Castanea*; *Acer*; *Tilia*) (biology) – DANILEVSKY, 1979 [#6483] (*Fagus*) – ALEXEEV, 1981 [#61] (*Salix*; *Populus*; *Betula*; *Fagus*; *Alnus*; *Corylus*; *Acer*; *Tilia*; *Ribes*) – SAVKOVSKII & RYBALOV, 1981 [#6092] (*Ribes*) (biology) – BÍLÝ, 1982 [#295] (*Salix*; *Alnus*; *Betula*; *Carpinus*; *Corylus*; *Acer*; *Fagus*; *Tilia*) (biology) – SCHÖNHERR et al., 1983 [#9741] (*Fagus sylvatica*) – ABAI & ADELI, 1984 [#5808] (*Quercus*; *Acer*; *Alnus*; *Fagus orientalis*) – SCHAEFER, 1984 [#2580] (*Salix purpurea*) (as *ignotus*) – SCHAEFER, 1984 [#2580] (*Salix purpurea*) (as *rhodanensis*) – NIEHUIS, 1988 [#1912] (*Salix*) – NIEHUIS, 1988 [#1912] (*Fagus sylvatica*; *Betula alba*) (as *fagi*) – ALEXEEV, 1989 [#64] (*Salix*; *Populus*) (as *vernadskii*) – ALEXEEV, 1989 [#64] (*Salix*) (as *transbaicalensis*) – ALEXEEV, 1989 [#64] (*Salix*) (as *gebleri*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Populus*) (as *vernadskii*) – ALEXEEV & VOLKOVITSH, 1989 [#3241] (*Salix*; *Populus*) (as *transbaicalensis*) – WEIDLICH, 1989 [#6165] (*Ulmus minor*) – MERKL, 1991 [#6564] (*Salix cinerea*) – NIEHUIS & TEZCAN, 1993 [#1910] (*Salix*; *Fagus*; *Betula*; *Alnus*; *Carpinus*) – RUICANESCU, 1993 [#3257] (*Quercus*; *Carpinus*; *Corylus*) – KRÓLIK & MAJEWSKI, 1994 [#3471] (*Salix*) – LISKENNE, 1994 [#4279] (*Salix purpurea*) (as *ignotus*) – VOLKOVITSH & ALEXEEV, 1994 [#2974] (*Acer*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Salix sachalinensis*; *S. yezoensis*) (as *salicivola*) – ALEXEEV & SLEPKO, 1998 [#4887] (*Alnus incana*) – ECHEVARRIA & ECHEVARRIA, 1998 [#4542] (*Salix atrocinerea*) – BÍLÝ, 1999 [#4478] (*Fagus sylvatica*; *Carpinus betulus*; *Betula*; *Salix*; *Quercus*; *Tilia*) – TLEPPAEVA, 1999 [#6551] (*Salix*; *Populus*) – DAJOZ, 2000 [#9682] (*Betula*) (biology) – STUMPF et al., 2001 [#5788] (*Salix*; *Fagus*) – STUMPF et al., 2001 [#5788] (*Salix*) (as *linearis*) – BÍLÝ, 2002 [#5877] (*Acer*; *Alnus*; *Betula*; *Carpinus*; *Castanea*; *Corylus*; *Salix*; *Tilia*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Salix caprea*; *S. aurita*; *S. viminalis*; *S. cinerea*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Fagus*)



(as *nocivus*) (biology) – BRECHTEL & KOSTENBADER, 2002 [#5766] (*Fagus sylvatica*; *Betula*) (as *fagi*) (biology) – HASTIR & GASPAS, 2002 [#6211] (*Salix*; *Alnus*; *Betula*; *Carpinus*; *Corylus*; *Acer*; *Fagus*; *Tilia*) – HUA LI ZHONG, 2002 [#6696] (*Populus*; *Salix*; *Acer*; *Ulmus*) – KLETECKA, 2002 [#5805] (*Fagus sylvatica*) – MUSKOVITS & HEGYESSY, 2002 [#5806] (*Corylus*; *Sorbus*) – ALEXANDER, 2003 [#6826] (*Salix*) – FORSTER & ENGESSER, 2003 [#9656] (*Fagus sylvatica*) – NIEHUIS, 2004 [#6762] (*Salix*) (biology) – TLEPPAEVA & ISHKOV, 2004 [#7211] (*Populus*; *Salix*) – KANAT & AKBULUT, 2005 [#9653] (*Quercus cerris*) – VERDUGO PAÉZ, 2005 [#7256] (*Salix*; *Betula*; *Alnus*; *Fagus*; *Tilia*; *Sorbus*; *Acer*; *Rosa*; *Quercus*) – HODGES, 2006 [#9212] (*Salix cinerea*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Acer pseudoplatanus*) (as *fagi*) – GUTOWSKI & MILKOWSKI, 2008 [#8244] (*Salix caprea*) – PETERCORD & DELB, 2008 [#8387] (*Fagus sylvatica*) (biology) – PETERCORD & DELB, 2008 [#8387] (*Fagus sylvatica*) (as *novicus*) – PETERCORD & DELB, 2008 [#8387] (*Fagus sylvatica*) (as *fagi*) – BARIMANI VARANDI et al., 2009 [#8793] (*Acer*) – KLETECKA, 2009 [#9165] (*Salix*; *Fagus*) (biology) – LAKATOS & MOLNÁR, 2009 [#9646] (*Fagus sylvatica*) – PROKHOROV, 2009 [#9353] (*Salix*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Acer*; *Betula*; *Carpinus*; *Corylus*; *Fagus*; *Salix*; *Tilia*; *Ulmus*) – ŠKORPIK et al., 2011 [#9173] (*Salix caprea*; *Fagus sylvatica*) (biology) – BRÜCK-DYCKHOFF, 2012 [#9430] (*Fagus sylvatica*) (biology) – MORAGLIO et al., 2013 [#9645] (*Corylus avellana*) (biology) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Salix sachalinensis*; *S. yezoensis*; *Ulmus davidiana* var. *japonica*) – VOLODCHENKO, 2013 [#9639] (*Quercus robur*)

**Remarks** *Agrilus viridis* is the most polyphagous, very variable and most frequently misidentified species in *Agrilus*. The taxonomy of this species is unresolved. Verified hosts are plants are from families Betulaceae (*Alnus*, *Betula*, *Carpinus*, *Corylus*), Fagaceae (*Castanea*, *Fagus*), Malvaceae (*Tilia*), Myricaceae (*Myrica*), Salicaceae (*Salix*); Sapindaceae (*Acer*). The following plants are likely but they need reconfirmation: *Ostrya* (Betulaceae); *Rhamnus* (Rhamnaceae), *Sorbus* (Rosaceae) and *Ulmus* (Ulmaceae). Host plant records from genera are likely false: *Quercus* (Fagaceae); *Ribes* (Grossulariaceae) refers to *A. ribesi*; *Fraxinus* (Oleaceae); all Rosaceae (*Crataegus*, *Pyrus*, *Rosa*, *Rubus*) refer to *A. cuprescens*, *A. pecirkai* or *A. sinuatus*; *Populus* (Salicaceae) and *Vitis* (Vitaceae). There is no primary evidence that *A. viridis* lives in *Quercus* and all records from this host genus are most likely misidentification of *A. sulcicollis*. All records from *Populus* refer to *A. suvorovi* which might be considered an ecological form of *A. viridis* on *Populus*.

## *Agrilus viridissimus* Cobos, 1964

### *Combretaceae*

*Terminalia brassii* Exell {3}

MERCER, 1986! [#6128] – MERCER, 1986! [#6086] – ROBERTS, 1987! [#6130]

*Terminalia catappa* L. {3}

MERCER, 1985! [#5844] – MERCER, 1986! [#6128] – MERCER, 1986! [#6086] –  
CURLLETTI, 2006! [#7966]

*Terminalia complanata* K. Schum. {3}

MERCER, 1986! [#6128] – MERCER, 1986! [#6086]

*Terminalia solomonensis* Exell {3}

MERCER, 1986! [#6128] – MERCER, 1986! [#6086]

**Synopsis** MERCER, 1985 [#5844] (*Terminalia catappa*) (biology) – MERCER, 1986 [#6086] (*Terminalia catappa*; *Terminalia solomonensis*; *Terminalia complanata*; *Terminalia brasii*) (biology) – MERCER, 1986 [#6128] (*Terminalia brasii*) (biology) – ROBERTS, 1987 [#6130] (*Terminalia brasii*) (biology) – RAMSDEN et al., 2002 [#9641] (*Terminalia brasii*) – CURLLETTI, 2006 [#7966] (*Terminalia catappa*)

## ***Agrilus vittaticollis* (Randall, 1838)**

### ***Ericaceae***

*Oxydendrum* {0}

FROST & WEISS, 1920 [#8210]

### ***Fagaceae***

*Quercus velutina* Lam {0}

MACRAE, 1991 [#1760]

### ***Rosaceae***

*Adenorachis arbutifolia* (L.) Nieuwl. {2}

BLANCHARD, 1889 [#345] (as *Pyrus arbutifolia* (L.) L. f.)

*Amelanchier* {3}

BLANCHARD, 1889 [#345] – FROST & WEISS, 1920 [#8210] – NELSON & WESTCOTT,  
1976 [#1861]

*Amelanchier arborea* (F. Michx.) Fernald {3}

NELSON & MACRAE, 1990 [#1864]

*Amelanchier sanguinea* var. *alnifolia* (Nutt.) P. Landry. {3}

SMITH, 1945 [#9666] (as *Amelanchier alnifolia* (Nutt.) P. Landry.)

*Crataegus* {3}

BLANCHARD, 1889 [#345] – CHAMBERLIN, 1926! [#468] – FISHER, 1928! [#980] –  
WELLSO & JACKMAN, 2006 [#7548]

*Crataegus douglasii* Lindl. {2}

NELSON & WESTCOTT, 1976 [#1861]

*Malus* {3}

BROOKS, 1914! [#5184] – FISHER, 1928! [#980]

*Prunus virginiana* L. {0}

FROST & WEISS, 1920 [#8210]

*Pyrus* {3}

BROOKS, 1914! [#5184] – FROST & WEISS, 1920 [#8210] – FISHER, 1928! [#980]

*Pyrus canadensis* (L.) Farw. {3}

KNULL, 1920! [#1508] (as *Amelanchier canadensis* (L.) Medik.) – CHAMBERLIN, 1926! [#468] (as *Amelanchier canadensis* (L.) Medik.) – FISHER, 1928! [#980] (as *Amelanchier canadensis* (L.) Medik.)

*Pyrus communis* L. {3}

CHAMBERLIN, 1926! [#468]

*Pyrus malus* L. {3}

CHAMBERLIN, 1926! [#468]

*Sorbus* {2}

BROOKS, 1914! [#5184]

*Sorbus coronaria* (L.) MacMill. {3}

CHAMBERLIN, 1926! [#468] (as *Pyrus coronaria* L.)

## ***Salicaceae***

*Salix* {0}

CHAMBERLIN, 1917 [#462]

**Synopsis** BLANCHARD, 1889 [#345] (*Crataegus*; *Amelanchier*; *Pyrus arbutifolia*) – CHITTENDEN, 1900 [#5334] (*Crataegus*; *Amelanchier canadensis*; *Pyrus arbutifolia*) – BROOKS, 1914 [#5184] (*Malus*; *Pyrus*; *Sorbus domestica*) (biology) – CHAMBERLIN, 1917 [#462] (*Salix*) – FROST & WEISS, 1920 [#8210] (*Amelanchier*; *Pyrus*; *Malus*; *Crataegus*; *Prunus*; *Oxydendrum*; *Sorbus*) – KNULL, 1920 [#1508] (*Amelanchier canadensis*) – MUTCHLER & WEISS, 1922 [#1858] (*Amelanchier canadiensis*; *Pyrus*; *Malus*; *Crataegus*; *Prunus*; *Oxydendrum*; *Sorbus*) (biology) – WELLHOUSE, 1922 [#7759] (*Crataegus*; *Prunus virginiana*; *Amelanchier*) – CHAMBERLIN, 1926 [#468] (*Amelanchier canadiensis*; *Pyrus malus*; *P. communis*; *Crataegus*) – FISHER, 1928 [#980] (*Amelanchier canadensis*; *Crataegus*; *Malus*; *Pyrus*) – FISHER & NICOLAY, 1928 [#9786] (*Malus*; *Pyrus*; *Crataegus*; *Sorbus*) – SMITH, 1945 [#9666] (*Amelanchier alnifolia*) – NELSON & WESTCOTT, 1976 [#1861] (*Amelanchier*; *Crataegus douglasii*) – WELLSO et al., 1976 [#3079] (*Malus pumila*; *Amelanchier*) – BRIGHT, 1987 [#379] (*Amelanchier*; *Crataegus*; *Pyrus*; *Malus*; *Prunus*) – NELSON & MACRAE, 1990 [#1864] (*Amelanchier arborea*) – MACRAE, 1991 [#1760] (*Quercus velutina*) – SOLOMON, 1995 [#7647] (*Malus*; *Pyrus*; *Amelanchier*; *Crataegus*) (biology) – DOWNIE & ARNETT, 1996 [#6170] (*Crataegus*; *Amelanchier*; *Malus*; *Pyrus*; *Prunus*) – WELLSO & JACKMAN, 2006 [#7548]

(*Crataegus*) – NELSON et al., 2008 [#8377] (*Amelanchier*; *Crataegus*; *Malus*; *Pyrus*)  
– PAIERO et al., 2012 [#9293] (*Amelanchier*; *Crataegus*; *Malus*; *Pyrus*)

**Remarks** *Agrilus vittaticollis* develops in Rosaceae (*Amelanchier*, *Crataegus*, *Malus*, *Pyrus*). The single larval record from *Sorbus* needs verification. Blanchard (1889) cited “Chokeberry (*Pyrus arbutifolia*)” which was misspelled by Frost & Weiss (1920) as “chokecherry” *Prunus virginiana*. There is no original record for *Prunus*.

## ***Agrilus vitzilopuchtli* Fisher, 1938**

### ***Betulaceae***

*Alnus acuminata* Kunth {1}

FISHER, 1938 [#998]

**Synopsis** FISHER, 1938 [#998] (*Alnus acuminatus*)

### ***Fagaceae***

*Quercus* {1}

JENDEK, 2007 [#8006]

**Synopsis** JENDEK, 2007 [#8006] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*)

## ***Agrilus volkovitshi* Jendek, 2007**

### ***Fagaceae***

*Quercus* {1}

JENDEK, 2007 [#8006]

**Synopsis** JENDEK, 2007 [#8006] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (\**Quercus*\*)

***Agrilus volof* Curletti, 1998*****Leguminosae****Acacia* {3}

CURLETTI, 1998! [#4514]

*Acacia sieberiana* DC. {3}

CURLETTI &amp; VAYSSIÈRES, 2007! [#8004]

***Agrilus voriseki* Jendek, 1995*****Salicaceae****Populus* {1}ALEXEEV, 1989 [#64] (misidentified as *pratensis djukini*)*Salix* {1}ALEXEEV, 1989 [#64] (misidentified as *pratensis djukini*)**Synopsis** ALEXEEV, 1989 [#64] (*Salix; Populus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Salix; Populus*)***Agrilus wallaby* Curletti, 2001*****Leguminosae****Acacia* {1}

CURLETTI, 2001 [#5025]

**Synopsis** CURLETTI, 2001 [#5025] (*Acacia*) – BELLAMY, 2002 [#5764] (*Acacia*) – BELLAMY et al., 2013 [#9486] (*Acacia*)***Agrilus walsinghami* Crotch, 1873*****Compositae****Chrysothamnus* {1}

TANNER, 1934 [#7336] – HESPENHEIDE, 1974 [#1222]

*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird {1}

HESPENHEIDE et al., 2011 [#9050]

## ***Salicaceae***

*Salix* {0}

NELSON & MACRAE, 1990 [#1864]

**Synopsis** TANNER, 1934 [#7336] (*Chrysothamnus*) – HESPENHEIDE, 1974 [#1222] (*Chrysothamnus*) – BRIGHT, 1987 [#379] (*Chrysothamnus*) – NELSON & MACRAE, 1990 [#1864] (*Salix*) – NELSON et al., 2008 [#8377] (*Chrysothamnus*) – HESPENHEIDE et al., 2011 [#9050] (*Ericameria nauseosa*)

**Remarks** The adults of *Agrilus walsinghamsi* are commonly collected on Compositae which are likely also larval hosts. The documented larval record is still missing. Record from *Salix* seems to be an accidental occurrence.

## ***Agrilus waltersi* Nelson, 1985**

### ***Fagaceae***

*Quercus arizonica* Sarg. {1}

NELSON, 1985 [#1891]

**Synopsis** NELSON, 1985 [#1891] (*Quercus arizonica*) – NELSON et al., 2008 [#8377] (*Quercus*)

## ***Agrilus watanukiorum* Fukutomi, 2010**

### ***Betulaceae***

*Carpinus cordata* Blume {1}

FUKUTOMI, 2010 [#9301]

## ***Agrilus wenzeli* Knull, 1934**

### ***Leguminosae***

*Acacia greggii* A. Gray {1}

NELSON, 1965 [#1873]

*Prosopis chilensis* (Molina) Stuntz {1}

NELSON, 1965 [#1873]

***Agrilus weyersi* Kerremans, 1900**

**Synonyms** *haniquei* Baudon

***Leguminosae***

*Pterocarpus macrocarpus* Kurz {1}  
BAUDON, 1968 [#162] (as *haniquei*)

***Agrilus windhoekii* Obenberger, 1935*****Leguminosae***

*Acacia mellifera* (M. Vahl) Benth. {1}  
CURRETTI & CRISTANO, 2013 [#9706]

***Agrilus xanthonotus* Waterhouse, 1889*****Malvaceae***

*Byttneria aculeata* (Jacq.) Jacq. {3}  
HESPENHEIDE, 1983! [#4191]

***Agrilus yamabusi* Miwa & Chûjô, 1940*****Cornaceae***

*Cornus controversa* Hemsl. {1}  
OHMOMO & FUKUTOMI, 2013 [#9491]

***Fagaceae***

*Quercus* {1}  
AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Quercus*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Quercus*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Quercus*; *Cornus controversa*)

## *Agrilus yamajii* Tôyama, 1985

### *Cannabaceae*

*Celtis jessoensis* Koidz. {3}

TÔYAMA, 1985! [#2924]

**Synopsis** TÔYAMA, 1985 [#2924] (*Celtis jessoensis*) – AKIYAMA & OHMOMO, 1997 [#4091] (*Celtis jessoensis*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Celtis jessoensis*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Celtis jessoensis*)

## *Agrilus yamawakii* Kurosawa, 1957

### *Rutaceae*

*Fagara ailanthoides* (Siebold & Zucc.) Engl. {1}

AKIYAMA & OHMOMO, 1997 [#4091]

*Fagara mantchurica* (Benn.) Honda {1}

AKIYAMA & OHMOMO, 1997 [#4091]

**Synopsis** AKIYAMA & OHMOMO, 1997 [#4091] (*Fagara ailanthoides*; *F. mantchurica*) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Fagara*) – JENDEK, 2013 [#9278] (*Fagara*) – OHMOMO & FUKUTOMI, 2013 [#9491] (*Fagara ailanthoides*; *F. mantchurica*)

**Remarks** There are no supporting data for *Fagara* in AKIYAMA & OHMOMO (1997) who mentioned this plant as a host for *A. yamawakii*.

## *Agrilus yemenita* Curletti & Harten, 2002

### *Leguminosae*

*Acacia* {3}

CURLETTI & HARTEN, 2002! [#5770] – BÍLÝ et al., 2011 [#9075]



***Agrilus yiacatecutli* Fisher, 1938*****Cannabaceae****Celtis* {1}

WESTCOTT et al., 2008 [#8193]

***Agrilus yvesi* Curletti, 2005*****Moraceae****Maclura tinctoria* (L.) D. Don ex Steud. {1}CURRETTI, 2005 [#7579] (cited as *Maeluta tinctoria*)***Agrilus zanthoxylumi* Li Meng Lou, 1989*****Rutaceae****Zanthoxylum* {3}

ZHANG RUNZI, 1988! [#6695] – LI MENG LOU, 1989! [#8117] – LI MENG LOU, LI ZONGMING &amp; JIA AIYE, 1990! [#8082] – ZHANG RUNG KE &amp; WANG TONG MU, 1992! [#6193]

*Zanthoxylum bungeanum* Maxim. {3}

WU HAI, 2006! [#7654]

**Synopsis** ZHANG RUNZI, 1988 [#6695] (*Zanthoxylum*) (biology) – LI MENG LOU, 1989 [#8117] (*Zanthoxylum*) – LI MENG LOU, LI ZONGMING & JIA AIYE, 1990 [#8082] (*Zanthoxylum*) (biology) – ZHANG RUNG KE & WANG TONG MU, 1992 [#6193] (*Zanthoxylum*) (biology) – WU HAI, 2006 [#7654] (*Zanthoxylum bungeanum*) (biology) – JENDEK & GREBENNIKOV, 2011 [#8765] (*Zanthoxylum*) – Jendek, 2013 [#9278] (*Zanthoxylum*)

***Agrilus zieglerei* Niehuis, 2006*****Fagaceae****Quercus* {1}

NIEHUIS, 2006 [#7980]

**Remarks** The type specimens of this species were collected on *Quercus* which is likely the larval host. *Agrilus zieglerei* is related to species such as *A. angustulus* and *A. obscuricollis* developing in *Quercus*.

## ***Agrilus zigzag* Marseul, 1866**

**Synonyms** *semirjeciae* Obenberger

### ***Compositae***

*Artemisia* {3}

ZAGAIKEVICH, 1962! [#3249]

*Artemisia abrotanum* L. {3}

RIKHTER, 1945 [#3507] (as *Artemisia procera* Willd.) – RIKHTER, 1948 [#3879] (as *Artemisia procera* Willd.) – KADYRBKOV et al., 2003! [#7318] (as *Artemisia procera* Willd.)

*Artemisia campestris* ssp. *variabilis* (Ten.) Greuter {3}

ALEXEEV, 1959 [#3229] (as *Artemisia paniculata* Lam.) – RIKHTER & ALEXEEV, 1965! [#2522] (as *Artemisia paniculata* Lam.) – ALEXEEV, 1981! [#61] (as *Artemisia paniculata* Lam.)

*Artemisia gmelinii* Weber ex Stechm. {3}

TLEPPAEVA, 1999! [#6551] (as *semirjeciae*) (as *Artemisia santolinifolia* Turcz. ex Besser) – TLEPPAEVA, 2008! [#9044] (as *Artemisia santolinifolia* Turcz. ex Besser)

**Synopsis** RIKHTER, 1945 [#3507] (*Artemisia procera*) – RIKHTER, 1948 [#3879] (*Artemisia procera*) – ALEXEEV, 1957 [#3226] (*Artemisia paniculata*) – ALEXEEV, 1959 [#3229] (*Artemisia paniculata*) – ALEXEEV, 1961 [#3243] (*Artemisia paniculata*) – ZAGAIKEVICH, 1962 [#3249] (*Artemisia*) (biology) – RIKHTER & ALEXEEV, 1965 [#2522] (*Artemisia paniculata*) – ALEXEEV, 1981 [#61] (*Artemisia paniculata*) – BÍLÝ, 1999 [#4478] (*Artemisia paniculata*) – TLEPPAEVA, 1999 [#6551] (*Artemisia santolinifolia*) (as *semirjeciae*) – KADYRBKOV et al., 2003 [#7318] (*Artemisia procera*) – TLEPPAEVA, 2008 [#9044] (*Artemisia santolinifolia*)

# Catalog Host Plant – *Agrilus*

The structure, format and conventions of this section are explained in the Methodology.

## Angiosperms

### *Acanthaceae*

*Justicia aurea* Schldl.

*A. lucindae* Hespenheide, 2010 {1}

### *Adoxaceae*

*Sambucus javanica* Reinw. ex Blume

*A. inamoenus* Kerremans, 1892 {1}

*Viburnum*

*A. carpini* Knull, 1923 {1}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*A. graminis* Kiesenwetter, 1857 {2}

***Amaranthaceae****Atriplex confertifolia* (Torr. & Frém.) S. Watson*A. felix* Horn, 1891 {3}*A. illectus* Fall, 1901 {1}*Atriplex halimus* L.*A. atriplicis atriplicis* Théry, 1900 {1}*A. pulvereus* Abeille de Perrin, 1895 {1}*Bassia prostrata* (L.) Beck*A. transversesulcatus* Reitter, 1890 {1}*Ceratoides papposa* Botsch. & Ikonn. [Synonym of: *Krascheninnikovia ceratoides* (L.) Gueldenst.]*Chenopodium**A. olivicolor* Kiesenwetter, 1857 {0}*Climacoptera turcomanica* (Litv.) Botsch.*A. validiusculus* Semenov, 1891 {3}*Eurotia* [Synonym of: *Krascheninnikovia*]*Eurotia ceratoides* (L.) Hook. [Synonym of: *Krascheninnikovia ceratoides* (L.) Gueldenst.]*Grayia spinosa* (Hook.) Moq.*A. felix* Horn, 1891 {3}*A. pubifrons* Fisher, 1928 {1}*Halostachys**A. validiusculus* Semenov, 1891 {3}*Halostachys belangeriana* (Moq.) Botsch..*A. validiusculus* Semenov, 1891 {2}*Halostachys caspica* C. A. Mey. [Synonym of: *Halostachys belangeriana* (Moq.) Botsch..]*Haloxylon**A. validiusculus* Semenov, 1891 {3}*Haloxylon persicum* Bunge ex Boiss. & Buhse*A. validiusculus* Semenov, 1891 {3}*Kochia prostrata* (L.) Schrad. [Synonym of: *Bassia prostrata* (L.) Beck]  
*Krascheninnikovia**A. morawitzi* Obenberger, 1936 {3}

*Krascheninnikovia ceratoides* (L.) Gueldenst.*A. albogularis albogularis* Gory, 1841 {1}*A. morawitzi* Obenberger, 1936 {3}*A. sericans* Kiesenwetter, 1857 {1}*Salsola**A. niveosignatus* Obenberger, 1914 {3}*A. validiusculus* Semenov, 1891 {3}*Salsola arbuscula* Pall.*A. validiusculus* Semenov, 1891 {3}*Salsola damascena* Botsch.*A. chionochaetus* Obenberger, 1913 {1}*Salsola laricina* Pall.*A. suturisignatus* Obenberger, 1924 {3}*Salsola orientalis* S. G. Gmel.*A. validiusculus* Semenov, 1891 {2}*Salsola paletzkiana* Litv.*A. validiusculus* Semenov, 1891 {3}*Salsola paulsenii* Litv.*A. validiusculus* Semenov, 1891 {3}*Salsola richteri* (Moq.) Karel ex Litv.*A. niveosignatus* Obenberger, 1914 {3}*A. validiusculus* Semenov, 1891 {3}*Salsola rigida* Pall. [Synonym of: *Salsola orientalis* S. G. Gmel.]*Salsola vermiculata* L.*A. chionochaetus* Obenberger, 1913 {1}*Suaeda arcuata* Bunge*A. validiusculus* Semenov, 1891 {3}*Suaeda fruticosa* Forssk. ex J. F. Gmel.*A. rabaticus* Théry, 1930 {1}*Suaeda pruinosa* Lange [Synonym of: *Suaeda vermiculata* Forssk. ex J. F. Gmel. .]*Suaeda vera* Forssk. ex J. F. Gmel.*A. pulvereus* Abeille de Perrin, 1895 {3}

*Suaeda vermiculata* Forssk. ex J. F. Gmel. .

*A. croceivestis* Marseul, 1866 {3}

*A. perrini* Pic, 1905 {3}

## ***Anacardiaceae***

*Astronium graveolens* Jacq.

*A. hectori* Curletti, 2005 {1}

*Buchanania florida* Schauer [Synonym of: *Buchanania vitiensis* Engl..]

*Buchanania vitiensis* Engl..

*A. albizziae* Fisher, 1935 {3}

*Cotinus*

*A. roscidus* Kiesenwetter, 1857 {0}

*Pistacia*

*A. chlorophyllus* Abeille de Perrin, 1904 {3}

*A. marozzini* Gobbi, 1974 {3}

*A. nivosus* Abeille de Perrin, 1900 {0}

*A. sylviae* Niehuis, 1992 {3}

*A. tschitscherini* Semenov, 1895 {0}

*Pistacia atlantica* Desf.

*A. chlorophyllus* Abeille de Perrin, 1904 {2}

*A. roscidus* Kiesenwetter, 1857 {0}

*A. sylviae* Niehuis, 1992 {3}

*Pistacia lentiscus* L.

*A. macroderus* Abeille de Perrin, 1897 {0}

*A. marozzini* Gobbi, 1974 {3}

*A. roscidus* Kiesenwetter, 1857 {0}

*Pistacia mutica* Fisch. & C. A. Mey. [Synonym of: *Pistacia atlantica* Desf.]

*Pistacia palaestina* Boiss.

*A. chlorophyllus* Abeille de Perrin, 1904 {2}

*A. sylviae* Niehuis, 1992 {3}

*Pistacia terebinthus* L.

*A. derasofasciatus* Lacordaire, 1835 {0}

*A. gianasso* Magnani & Niehuis, 1994 {3}

*A. marozzini* Gobbi, 1974 {3}

*A. roscidus* Kiesenwetter, 1857 {0}

*Pistacia vera* L.

*A. chlorophyllus* Abeille de Perrin, 1904 {3}

*A. marozzini* Gobbi, 1974 {2}

*A. roscidus* Kiesenwetter, 1857 {0}

*A. tschitscherini* Semenov, 1895 {0}

*Rhus*

*A. rhoos* Królik & Niehuis, 2003 {3}

*A. roscidus* Kiesenwetter, 1857 {0}

*Rhus aromatica* Aiton

*A. masculinus* Horn, 1891 {1}

*Rhus choriophylla* Wooton & Standl. [Synonym of: *Schmaltzia choriophylla* (Wooton & Standl.) F. A. Barkley]

*Rhus coriaria* L.

*A. roscidus* Kiesenwetter, 1857 {0}

*Rhus glabra* L.

*A. albocomus* Fisher, 1928 {1}

*A. olentangyi* Champlain & Knull, 1925 {3}

*Rhus toxicodendron* L. [Synonym of: *Toxicodendron pubescens* Mill.]

*Rhus trichocarpa* Miq. [Synonym of: *Toxicodendron trichocarpum* (Miq.) Kuntze]

*Rhus virens* Lindh. ex A. Gray

*A. asperulus* Waterhouse, 1889 {1}

*Schmaltzia choriophylla* (Wooton & Standl.) F. A. Barkley

*A. cavatus* Chevrolat, 1838 {1}

*A. restrictus* Waterhouse, 1889 {1}

*Toxicodendron pubescens* Mill.

*A. subcinctus* Gory, 1841 {1}

*Toxicodendron radicans* (L.) Kuntze

*A. subcinctus* Gory, 1841 {1}

*Toxicodendron trichocarpum* (Miq.) Kuntze

*A. chekiangensis* Gebhardt, 1929 {1}

***Apiaceae****Eryngium campestre* L.

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

**Apocynaceae***Pycnobotrya nitida* Benth.*A. teocchii* Curletti, 1998 {3}*Trachelospermum asiaticum* (Siebold & Zucc.) Nakai*A. uenoi* Kurosawa, 1963 {1}**Araliaceae***Dendropanax arboreus* (L.) Decne. & Planch.*A. atlanticus* Curletti, 2005 {1}**Betulaceae***Alnus**A. cuprescens cuprescens* (Ménétriés, 1832) {0}*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}*A. graminis* Kiesenwetter, 1857 {2}*A. granulatus granulatus* (Say, 1823) {0}*A. hastulifer* (Ratzeburg, 1837) {3}*A. laticornis* (Illiger, 1803) {1}*A. pensus* Horn, 1891 {3}*A. quadriguttatus quadriguttatus* Gory, 1841 {0}*A. viridis* (Linné, 1758) {3}*Alnus acuminata* Kunth*A. vitzilopuchtli* Fisher, 1938 {1}*Alnus cordata* (Loisel.) Duby*A. viridis* (Linné, 1758) {2}*Alnus crispa* var. *molis* (Fernald) Fernald [Synonym of: *Alnus viridis* ssp. *crispa* (Aiton) Turrill]*Alnus glutinosa* (L.) Gaertn.*A. angustulus angustulus* (Illiger, 1803) {1}*A. viridis* (Linné, 1758) {3}*Alnus hirsuta* (Spach) Rupr.*A. sachalinicola* Obenberger, 1940 {1}*A. sudai* Kurosawa, 1985 {1}



*Alnus incana* (L.) Moench*A. champlaini* Frost, 1912 {3}*A. pensus* Horn, 1891 {3}*A. sayi* Saunders, 1870 {0}*A. viridis* (Linné, 1758) {3}*Alnus incana* ssp. *rugosa* (Du Roi) R. T. Clausen*A. pensus* Horn, 1891 {3}*Alnus incana* ssp. *tenuifolia* (Nutt.) Breitung.*A. burkei* Fisher, 1917 {3}*A. politus* (Say, 1825) {1}*Alnus japonica* (Thunb.) Steud.*A. peregrinus* Kiesenwetter, 1879 {1}*Alnus nepalensis* D. Don*A. spectabilis* Kerremans, 1895 {3}*Alnus pendula* Matsum.*A. viridiobscurus* Saunders, 1873 {1}*Alnus rhombifolia* Nutt.*A. burkei* Fisher, 1917 {3}*Alnus rubra* Bong.*A. burkei* Fisher, 1917 {2}*A. granulatus populi* Fisher, 1928 {0}*Alnus rugosa* (Du Roi) Spreng. [Synonym of: *Alnus incana* ssp. *rugosa* (Du Roi) R. T. Clausen]*Alnus tenuifolia* (Nutt.) Breitung. [Synonym of: *Alnus incana* ssp. *tenuifolia* (Nutt.) Breitung.]*Alnus viridis* (Chaix) DC.*A. viridis* (Linné, 1758) {2}*Alnus viridis* ssp. *crispa* (Aiton) Turrill*A. pensus* Horn, 1891 {2}*Betula**A. acutipennis* Mannerheim, 1837 {1}*A. angustulus angustulus* (Illiger, 1803) {1}*A. anxius* Gory, 1841 {3}*A. auricollis* Kiesenwetter, 1857 {0}

- A. betuleti* (Ratzeburg, 1837) {3}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. graminis* Kiesenwetter, 1857 {1}
- A. granulatus granulatus* (Say, 1823) {1}
- A. laticornis* (Illiger, 1803) {1}
- A. obscuricollis* Kiesenwetter, 1857 {1}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. pratensis* (Ratzeburg, 1837) {0}
- A. sinuatus sinuatus* (Olivier, 1790) {0}
- A. subauratus amurensis* Obenberger, 1922 {0}
- A. sulcicollis* Lacordaire, 1835 {0}
- A. viridis* (Linné, 1758) {3}

*Betula alba* L. [Synonym of: *Betula pubescens* var. *pubescens* Ehrh.]

*Betula alleghaniensis* Britton

- A. anxius* Gory, 1841 {3}

*Betula costata* Trautv.

- A. smaragdinus smaragdinus* Solsky, 1876 {1}

*Betula fontinalis* Sarg. [Synonym of: *Betula occidentalis* Hook.]

*Betula humilis* Schrank

- A. paludicola* Krogerus, 1922 {2}

*Betula lenta* L.

- A. anxius* Gory, 1841 {3}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. olivaceoniger* Fisher, 1928 {1}

*Betula lutea* F. Michx. [Synonym of: *Betula alleghaniensis* Britton]

*Betula nana* L.

- A. betuleti* (Ratzeburg, 1837) {2}
- A. paludicola* Krogerus, 1922 {3}
- A. viridis* (Linné, 1758) {2}

*Betula nigra* L.

- A. betulanigrae* MacRae, 2003 {3}
- A. pensus* Horn, 1891 {3}

*Betula occidentalis* Hook.

- A. anxius* Gory, 1841 {3}

*Betula odorata* Bechst. [Synonym of: *Betula pubescens* var. *glabrata* Wahlenb.]

*Betula papyrifera* Marshall

- A. anxius* Gory, 1841 {3}

*Betula papyrifera* ssp. *occidentalis* (Hook.) Hultén [Synonym of: *Betula occidentalis* Hook.]

*Betula pendula* Roth.

*A. angustulus angustulus* (Illiger, 1803) {1}

*A. anxius* Gory, 1841 {3}

*A. betuleti* (Ratzeburg, 1837) {3}

*A. obscuricollis* Kiesenwetter, 1857 {1}

*A. olivicolor* Kiesenwetter, 1857 {1}

*A. viridis* (Linné, 1758) {3}

*Betula pendula* var. *laciniata* Tidestr. [Synonym of: *Betula pendula* Roth.]

*Betula platyphylla* Sukaczew

*A. anxius* Gory, 1841 {3}

*Betula populifolia* Marshall

*A. anxius* Gory, 1841 {3}

*Betula pubescens* Ehrh.

*A. betuleti* (Ratzeburg, 1837) {3}

*Betula pubescens* var. *glabrata* Wahlenb.

*A. betuleti* (Ratzeburg, 1837) {3}

*A. viridis* (Linné, 1758) {3}

*Betula pubescens* var. *pubescens* Ehrh.

*A. anxius* Gory, 1841 {3}

*A. betuleti* (Ratzeburg, 1837) {3}

*A. obscuricollis* Kiesenwetter, 1857 {1}

*A. viridis* (Linné, 1758) {3}

*Betula pubescens* var. *pumila* (L.) Govaerts

*A. paludicola* Krogerus, 1922 {3}

*A. viridis* (Linné, 1758) {3}

*Betula tianschanica* Rupr.

*A. betuleti* (Ratzeburg, 1837) {3}

*Betula tortuosa* Ledeb. [Synonym of: *Betula pubescens* var. *pumila* (L.) Govaerts]

*Betula verrucosa* Ehrh. [Synonym of: *Betula pendula* Roth.]

*Carpinus*

*A. angustulus angustulus* (Illiger, 1803) {1}

*A. carpini* Knull, 1923 {3}

*A. hastulifer* (Ratzeburg, 1837) {3}

*A. laticornis* (Illiger, 1803) {1}

*A. lineola lineola* Kiesenwetter, 1857 {0}

*A. obscuricollis* Kiesenwetter, 1857 {1}

- A. olivicolor* Kiesenwetter, 1857 {3}
- A. ribbei* Kiesenwetter, 1879 {1}
- A. takahashii* Tôyama, 1988 {1}
- A. tempestivus* Lewis, 1893 {1}
- A. viridis* (Linné, 1758) {3}

*Carpinus betulus* L.

- A. angustulus angustulus* (Illiger, 1803) {1}
- A. auricollis* Kiesenwetter, 1857 {3}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. hastulifer* (Ratzeburg, 1837) {3}
- A. laticornis* (Illiger, 1803) {1}
- A. olivicolor* Kiesenwetter, 1857 {3}
- A. sulcicollis* Lacordaire, 1835 {0}
- A. viridis* (Linné, 1758) {3}

*Carpinus caroliniana* Walter

- A. carpini* Knull, 1923 {3}
- A. champlaini* Frost, 1912 {3}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. ohioensis* Knull, 1951 {3}

*Carpinus cordata* Blume

- A. watanukiorum* Fukutomi, 2010 {1}

*Carpinus laxiflora* (Siebold & Zucc.) Blume

- A. daimio* Obenberger, 1936 {3}

*Carpinus orientalis* Mill.

- A. viridis* (Linné, 1758) {3}

*Carpinus tschonoskii* Maxim.

- A. viridiobscurus* Saunders, 1873 {1}

*Corylus*

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. arcuatus* (Say, 1825) {0}
- A. convexifrons* Kiesenwetter, 1857 {1}
- A. corylicola* Fisher, 1928 {3}
- A. derasofasciatus* Lacordaire, 1835 {0}
- A. graminis* Kiesenwetter, 1857 {2}
- A. integerrimus* (Ratzeburg, 1837) {0}
- A. kaluganus* Obenberger, 1940 {3}
- A. laticornis* (Illiger, 1803) {3}
- A. obscuricollis* Kiesenwetter, 1857 {1}
- A. olivicolor* Kiesenwetter, 1857 {3}

- A. politus* (Say, 1825) {0}
- A. subauratus amurensis* Obenberger, 1922 {0}
- A. subauratus subauratus* (Gebler, 1833) {0}
- A. viridis* (Linné, 1758) {3}

*Corylus americana* Walter

- A. acutipennis* Mannerheim, 1837 {1}
- A. arcuatus* (Say, 1825) {0}
- A. atricornis* Fisher, 1928 {1}
- A. celti* Knull, 1920 {1}
- A. cephalicus* LeConte, 1860 {1}
- A. corylicola* Fisher, 1928 {2}
- A. fulgens* LeConte, 1860 {3}
- A. otiosus* Say, 1833 {0}
- A. politus* (Say, 1825) {0}
- A. pseudocoryli* Fisher, 1928 {3}

*Corylus avellana* L.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. graminis* Kiesenwetter, 1857 {2}
- A. integerrimus* (Ratzeburg, 1837) {0}
- A. kaluganus* Obenberger, 1940 {3}
- A. laticornis* (Illiger, 1803) {3}
- A. obscuricollis* Kiesenwetter, 1857 {1}
- A. olivicolor* Kiesenwetter, 1857 {3}
- A. subauratus subauratus* (Gebler, 1833) {0}
- A. viridis* (Linné, 1758) {3}

*Corylus cornuta* ssp. *cornuta* Marshall

- A. arcuatus* (Say, 1825) {0}
- A. corylicola* Fisher, 1928 {2}
- A. politus* (Say, 1825) {0}
- A. pseudocoryli* Fisher, 1928 {3}

*Corylus rostrata* Aiton [Synonym of: *Corylus cornuta* ssp. *cornuta* Marshall]

*Ostrya*

- A. bilineatus* (Weber, 1801) {1}
- A. dozieri* Fisher, 1918 {1}
- A. masculinus* Horn, 1891 {1}
- A. pensus* Horn, 1891 {1}

*Ostrya carpinifolia* Scop.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. graminis* Kiesenwetter, 1857 {2}
- A. ribesi* Schaefer, 1946 {0}
- A. viridis* (Linné, 1758) {1}

*Ostrya virginiana* (Mill.) K. Koch

- A. carpini* Knull, 1923 {3}
- A. champlaini* Frost, 1912 {3}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. osburni* Knull, 1937 {3}
- A. quadriimpressus* Ziegler, 1845 {1}

*Ostrya virginica* (Münchh.) Willd. [Synonym of: *Ostrya virginiana* (Mill.) K. Koch]

## ***Bignoniaceae***

*Amphilophium crucigerum* (L.) L. G. Lohmann

- A. grandinatus* Curletti, 2010 {1}

*Arrabidaea candicans* (Rich.) DC. [Synonym of: *Fridericia candicans* (Rich.) L. G. Lohmann]

*Fridericia candicans* (Rich.) L. G. Lohmann

- A. grandinatus* Curletti, 2010 {1}

*Pithecoctenium crucigerum* (L.) A. H. Gentry [Synonym of: *Amphilophium crucigerum* (L.) L. G. Lohmann]

*Stizophyllum riparium* (Kunth) Sandwith

- A. hectori* Curletti, 2005 {1}
- A. jenningsi* Fisher, 1938 {1}

*Tynanthus croatianus* A. H. Gentry

- A. incredulus* Curletti, 2005 {1}
- A. tynnanthi* Curletti, 2005 {1}

## ***Boraginaceae***

*Amsinckia*

- A. pulchellus* Bland, 1865 {1}

*Cordia curassavica* (Jacq.) Roem. & Schult.

- A. nodifrons* Waterhouse, 1889 {1}

*Cordia longipes* Baker [Synonym of: *Cordia millenii* Baker]

*Cordia millenii* Baker

- A. boanoi* Curletti, 1998 {3}

*Varronia curassavica* Jacq. [Synonym of: *Cordia curassavica* (Jacq.) Roem. & Schult.]

***Bromeliaceae****Tillandsia usneoides* (L.) L.*A. sayi* Saunders, 1870 {0}***Cactaceae****Opuntia**A. floridanus* Crotch, 1873 {1}***Calophyllaceae****Calophyllum**A. swifti* Curletti, 2006 {1}***Cannabaceae****Celtis**A. anthaxioides* Hespenheide, 2009 {1}*A. auricollis* Kiesenwetter, 1857 {3}*A. femoralis* Waterhouse, 1889 {1}*A. gillespiensis* Knull, 1947 {1}*A. ignotus* Waterhouse, 1889 {1}*A. irruptus* Obenberger, 1931 {3}*A. macer* LeConte, 1858 {3}*A. oblongus* Fisher, 1928 {1}*A. obolinus* LeConte, 1860 {1}*A. opacipennis* Waterhouse, 1889 {1}*A. paramacer* Hespenheide, 2009 {3}*A. yiacatecutli* Fisher, 1938 {1}*Celtis australis* L.*A. auricollis* Kiesenwetter, 1857 {3}*A. integerrimus* (Ratzeburg, 1837) {0}*A. mendax* Mannerheim, 1837 {0}*A. roscidus* Kiesenwetter, 1857 {1}

*Celtis boninensis* Koidz.

- A. boninensis* Kurosawa, 1963 {1}
- A. deguchii* Tôyama, 1985 {1}
- A. orestes takaii* Nakane, 1983 {1}
- A. sekii sekii* Ohmomo, 2004 {3}
- A. sekii yaeyamanus* Ohmomo, 2004 {3}

*Celtis bungeana* var. *jessoensis* (Koidz.) Kudô [Synonym of: *Celtis jessoensis* Koidz.]*Celtis ehrenbergiana* (Klotzsch) Liebm.

- A. abstersus* Horn, 1891 {1}
- A. baboquivariae* Fisher, 1928 {3}
- A. cavifrons* Waterhouse, 1889 {3}
- A. fisherellus* Obenberger, 1936 {1}
- A. lecontei celticola* Fisher, 1928 {3}
- A. prosopidis* Fisher, 1928 {3}
- A. pulchellus* Bland, 1865 {1}
- A. subtropicus* Schaeffer, 1905 {1}

*Celtis iguanaea* (Jacq.) Sarg.

- A. cavifrons* Waterhouse, 1889 {3}

*Celtis jessoensis* Koidz.

- A. ventricosus* Fairmaire, 1888 {1}
- A. yamajii* Tôyama, 1985 {3}

*Celtis laevigata* var. *reticulata* (Torr.) Benson

- A. fisherellus* Obenberger, 1936 {1}
- A. lecontei celticola* Fisher, 1928 {3}
- A. macer* LeConte, 1858 {3}
- A. obolinus* LeConte, 1860 {1}
- A. paracelti* Knull, 1972 {3}

*Celtis laevigata* var. *texana* (Scheele) Sarg.

- A. lecontei celticola* Fisher, 1928 {3}
- A. paracelti* Knull, 1972 {3}

*Celtis laevigata* Willd.

- A. celti* Knull, 1920 {2}
- A. fallax* Say, 1833 {3}
- A. fisherellus* Obenberger, 1936 {1}
- A. lecontei celticola* Fisher, 1928 {3}
- A. lecontei lecontei* Saunders, 1871 {3}
- A. macer* LeConte, 1858 {3}



- A. paracelti* Knull, 1972 {3}
- A. prosopidis* Fisher, 1928 {3}

*Celtis liukuensis* Nakai [Synonym of: *Celtis boninensis* Koidz.]

*Celtis mississippiensis* var. *reticulata* (Torr.) Sarg. [Synonym of: *Celtis laevigata* var. *reticulata* (Torr.) Benson]

*Celtis occidentalis* L.

- A. celti* Knull, 1920 {3}
- A. egeniformis* Champlain & Knull, 1923 {1}
- A. fallax* Say, 1833 {3}
- A. ferrisi* Dury, 1908 {3}
- A. lecontei celticola* Fisher, 1928 {3}
- A. lecontei lecontei* Saunders, 1871 {3}
- A. macer* LeConte, 1858 {3}
- A. oblongus* Fisher, 1928 {1}
- A. obsoletoguttatus* Gory, 1841 {1}
- A. olentangyi* Champlain & Knull, 1925 {1}
- A. paracelti* Knull, 1972 {3}

*Celtis pallida* Torr. [Synonym of: *Celtis ehrenbergiana* (Klotzsch) Liebm.]

*Celtis sinensis* Pers.

- A. decoloratus* Kerremans, 1892 {1}
- A. discalis* Saunders, 1873 {1}
- A. imitans* Lewis, 1893 {1}

*Celtis sinensis* var. *japonica* (Planch.) Nakai [Synonym of: *Celtis sinensis* Pers.]

*Celtis tenuifolia* Nutt.

- A. celti* Knull, 1920 {2}
- A. fallax* Say, 1833 {3}
- A. lecontei lecontei* Saunders, 1871 {3}
- A. olentangyi* Champlain & Knull, 1925 {1}
- A. paracelti* Knull, 1972 {3}

*Celtis zenkeri* Engl.

- A. delenitor celtivorus* Curletti, 1998 {3}
- A. motoinus* Obenberger, 1935 {3}
- A. ocularius* Curletti, 1998 {3}
- A. parapupala* Curletti, 1998 {3}
- A. pupalinus* Curletti, 1998 {3}
- A. regius* Curletti, 1998 {3}
- A. sagittarius* Curletti, 1997 {3}

*Momisia pallida* (Torr.) Planch. [Synonym of: *Celtis ehrenbergiana* (Klotzsch) Liebm.]

***Capparaceae****Forchhammeria pallida* Liebm.*A. olivaceocupreus* Hespeneheide, 1990 {1}***Caprifoliaceae****Lonicera**A. cyanescens cyanescens* (Ratzeburg, 1837) {3}*A. cyanescens johanidesi* Niehuis, 1999 {3}*Lonicera caerulea* L.*A. cyanescens cyanescens* (Ratzeburg, 1837) {2}*Lonicera implexa* Aiton*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}*Lonicera involucrata* (Richardson) Banks ex Spreng.*A. cyanescens cyanescens* (Ratzeburg, 1837) {2}*Lonicera maackii* (Rupr.) Maxim.*A. asahinai* Kurosawa, 1956 {1}*Lonicera morrowii* A. Gray*A. cyanescens cyanescens* (Ratzeburg, 1837) {2}*Lonicera nigra* L.*A. cliftoni* Knull, 1941 {1}*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}*Lonicera periclymenum* L.*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}*Lonicera racemosa* (Michx.) Pers. [Synonym of: *Symphoria racemosa* (Michx.) Pursh]*Lonicera tatarica* L.*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}*Lonicera xylosteum* L.*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}

*Symphoria racemosa* (Michx.) Pursh*A. cyanescens cyanescens* (Ratzeburg, 1837) {1}*Symphoricarpos**A. cyanescens cyanescens* (Ratzeburg, 1837) {1}*Symphoricarpos orbiculatus* Moench*A. cyanescens cyanescens* (Ratzeburg, 1837) {1}*Symphoricarpos racemosus* Michx. [Synonym of: *Symphoria racemosa* (Michx.) Pursh]***Casuarinaceae****Allocasuarina campestris* (Diels) L. A. S. Johnson*A. echidna* Curletti, 2001 {3}*Allocasuarina huegeliana* (Miq.) L. A. S. Johnson*A. aurovittatus* Hope, 1846 {1}*A. brevis* Carter, 1924 {3}*A. echidna* Curletti, 2001 {1}*Allocasuarina muelleriana* (Miq.) L. A. S. Johnson*A. hypoleucus* Gory & Laporte, 1839 {1}*Allocasuarina torulosa* (Dryand. ex Aiton) L. A. S. Johnson*A. aurovittatus* Hope, 1846 {1}*Casuarina**A. thylacinus* Curletti, 2001 {1}*Casuarina cunninghamiana* Miq.*A. hypoleucus* Gory & Laporte, 1839 {1}*Casuarina huegeliana* Miq. [Synonym of: *Allocasuarina huegeliana* (Miq.) L. A. S. Johnson]*Casuarina muelleriana* Miq. [Synonym of: *Allocasuarina muelleriana* (Miq.) L. A. S. Johnson]*Casuarina torulosa* Aiton [Synonym of: *Allocasuarina torulosa* (Dryand. ex Aiton) L. A. S. Johnson]

***Celastraceae****Euonymus europaeus* L.

- A. convexicollis* Redtenbacher, 1847 {3}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. graminis* Kiesenwetter, 1857 {2}
- A. roscidus* Kiesenwetter, 1857 {1}

*Euonymus japonicus* Thunb.

- A. euonymi* Tôyama, 1985 {1}

*Euonymus oxyphyllus* Miq.

- A. daimio* Obenberger, 1936 {1}

***Cistaceae****Cistus*

- A. elegans elegans* Mulsant & Rey, 1863 {3}
- A. roscidus* Kiesenwetter, 1857 {0}

*Cistus albidus* L.

- A. elegans elegans* Mulsant & Rey, 1863 {3}

*Cistus crispus* L.

- A. elegans elegans* Mulsant & Rey, 1863 {2}

*Cistus incanus* L.

- A. elegans elegans* Mulsant & Rey, 1863 {2}

*Cistus monspeliensis* L.

- A. elegans elegans* Mulsant & Rey, 1863 {2}

*Cistus salviifolius* L.

- A. elegans elegans* Mulsant & Rey, 1863 {2}

*Halimium*

- A. elegans elegans* Mulsant & Rey, 1863 {1}

*Helianthemum*

- A. elegans elegans* Mulsant & Rey, 1863 {3}

*Helianthemum canadense* (L.) Michx.

*A. imbellis* Crotch, 1873 {1}

*Helianthemum halimifolium* Pers.

*A. elegans elegans* Mulsant & Rey, 1863 {2}

*Helianthemum italicum* Pers.

*A. elegans elegans* Mulsant & Rey, 1863 {3}

*Helianthemum ledifolium* (L.) Mill.

*A. elegans elegans* Mulsant & Rey, 1863 {2}

*Helianthemum niloticum* (L.) Moench [Synonym of: *Helianthemum ledifolium* (L.) Mill.]

*Helianthemum polifolium* (Spach) Torr. & A. Gray [Synonym of: *Helianthemum rosmarinifolium* Pursh]

*Helianthemum rosmarinifolium* Pursh

*A. elegans elegans* Mulsant & Rey, 1863 {2}

*A. imbellis* Crotch, 1873 {1}

*Helianthemum vulgare* Garsault

*A. elegans elegans* Mulsant & Rey, 1863 {3}

*Lechea* Kalm ex L.

*A. imbellis* Crotch, 1873 {1}

## ***Clusiaceae***

*Garcinia oliveri* Pierre

*A. somsanithi* Baudon, 1965 {1}

## ***Combretaceae***

*Combretum fruticosum* (Loefl.) Stuntz

*A. hectori* Curletti, 2005 {1}

*Terminalia brassii* Exell

*A. opulentus* Kerremans, 1900 {0}

*A. viridissimus* Cobos, 1964 {3}

*Terminalia catappa* L.*A. viridissimus* Cobos, 1964 {3}*Terminalia complanata* K. Schum.*A. viridissimus* Cobos, 1964 {3}*Terminalia solomonensis* Exell*A. viridissimus* Cobos, 1964 {3}***Compositae****Ajania fruticulosa* (Ledeb.) Poljakov*A. aerosus* Ganglbauer, 1889 {1}*A. przewalskii* Obenberger, 1936 {1}*Ambrosia monogyra* (Torr. & A. Gray) Strother & B. G. Baldwin*A. inhabilis inhabilis* Kerremans, 1900 {1}*Ambrosia salsola* (Torr. & A. Gray) Strother & B. G. Baldwin.*A. inhabilis chalcogaster* Van Dyke, 1946 {1}*A. inhabilis inhabilis* Kerremans, 1900 {1}*Anthemis**A. elegans elegans* Mulsant & Rey, 1863 {1}*Artemisia**A. albogularis albogularis* Gory, 1841 {3}*A. albogularis artemisiae* Brisout, 1863 {3}*A. albogularis dalmatinus* Obenberger, 1937 {3}*A. ecarinatus* Marseul, 1866 {1}*A. morawitzi* Obenberger, 1936 {0}*A. nivosus* Abeille de Perrin, 1900 {3}*A. pubifrons* Fisher, 1928 {1}*A. sericans* Kiesenwetter, 1857 {3}*A. vaginalis philippovi* Alexeev, 1965 {1}*A. zigzag* Marseul, 1866 {3}*Artemisia abrotanum* L.*A. zigzag* Marseul, 1866 {3}*Artemisia absinthium* L.*A. albogularis albogularis* Gory, 1841 {2}*A. albogularis artemisiae* Brisout, 1863 {3}

*Artemisia alba* Turra

*A. sericans* Kiesenwetter, 1857 {2}

*Artemisia campestris* L.

*A. albogularis albogularis* Gory, 1841 {3}

*A. albogularis artemisiae* Brisout, 1863 {3}

*Artemisia campestris* ssp. *glutinosa* (Besser) Batt.

*A. albogularis albogularis* Gory, 1841 {3}

*A. albogularis artemisiae* Brisout, 1863 {3}

*Artemisia campestris* ssp. *variabilis* (Ten.) Greuter

*A. zigzag* Marseul, 1866 {3}

*Artemisia dimoana* Popov

*A. morawitzi* Obenberger, 1936 {0}

*Artemisia dracunculus* var. *glauca* (Pall. ex Willd.) H. M. Hall

*A. albogularis albogularis* Gory, 1841 {2}

*Artemisia frigida* Willd.

*A. sericans* Kiesenwetter, 1857 {3}

*Artemisia glauca* Pall. ex Willd. [Synonym of: *Artemisia dracunculus* var. *glauca* (Pall. ex Willd.) H. M. Hall]*Artemisia glutinosa* Besser [Synonym of: *Artemisia campestris* ssp. *glutinosa* (Besser) Batt.]*Artemisia gmelinii* Weber ex Stechm.

*A. ecarinatus* Marseul, 1866 {1}

*A. sericans* Kiesenwetter, 1857 {2}

*A. zigzag* Marseul, 1866 {3}

*Artemisia herba-alba* Asso

*A. perisi* Cobos, 1986 {3}

*Artemisia incana* (L.) Druce

*A. sericans* Kiesenwetter, 1857 {2}

*Artemisia maritima* L.

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. sericans* Kiesenwetter, 1857 {3}

*A. transversesulcatus* Reitter, 1890 {0}

*Artemisia marschalliana* Spreng.

*A. albogularis albogularis* Gory, 1841 {2}

*Artemisia molinieri* Quézel, Barbero & Loisel

*A. lacus* Curletti & Ponei, 1994 {3}

*Artemisia monogyna* Waldst. & Kit. [Synonym of: *Artemisia santonicum* L.]

*Artemisia paniculata* Lam. [Synonym of: *Artemisia campestris* ssp. *variabilis* (Ten.) Greuter]

*Artemisia procera* Willd. [Synonym of: *Artemisia abrotanum* L.]

*Artemisia rutifolia* Stephan ex Spreng.

*A. ecarinatus* Marseul, 1866 {1}

*Artemisia salina* Wild. [Synonym of: *Artemisia maritima* L.]

*Artemisia santolinifolia* Turcz. ex Besser [Synonym of: *Artemisia gmelinii* Weber ex Stechm.]

*Artemisia santonicum* L..

*A. sericans* Kiesenwetter, 1857 {3}

*Artemisia vulgaris* L.

*A. albogularis albogularis* Gory, 1841 {3}

*A. albogularis artemisiae* Brisout, 1863 {3}

*Baccharis*

*A. duncani* Knull, 1929 {1}

*A. lecontei celticola* Fisher, 1928 {3}

*Baccharis salicifolia* (Ruiz & Pav.) Pers. [Synonym of: *Baccharis salicina* Torr. & A. Gray]

*Baccharis salicina* Torr. & A. Gray

*A. obolinus* LeConte, 1860 {1}

*Baccharis sarothroides* A. Gray

*A. asperulus* Waterhouse, 1889 {1}

*A. aurilaterus* Waterhouse, 1889 {1}

*Baccharis sergiloides* A. Gray

*A. fisherellus* Obenberger, 1936 {1}

*A. inhabilis chalcogaster* Van Dyke, 1946 {1}

*A. inhabilis inhabilis* Kerremans, 1900 {1}

*Bigelowia nudata* var. *nudata* (Michx.)

*A. imbellis* Crotch, 1873 {1}

*Bigelowia virgata* (Nutt.) DC. [Synonym of: *Bigelowia nudata* var. *nudata* (Michx.)]

*Brickellia californica* (Torr. & A. Gray) A. Gray

*A. huachucae* Schaeffer, 1905 {1}



*Chrysothamnus*

- A. impexus* Horn, 1891 {1}
- A. pubifrons* Fisher, 1928 {1}
- A. ventralis* Horn, 1891 {1}
- A. walsinghami* Crotch, 1873 {1}

*Chrysothamnus nauseosus* (Pall. ex Pursh) Britton

- A. duncani* Knull, 1929 {1}
- A. inhabilis cuprinus* Nelson, 1991 {1}
- A. pulchellus* Bland, 1865 {1}

*Chrysothamnus parryi* (A. Gray) Greene

- A. pubifrons* Fisher, 1928 {1}

*Chrysothamnus viscidiflorus* (Hook.) Nutt.

- A. pubifrons* Fisher, 1928 {1}

*Encelia virginensis* var. *actonii* (Elmer) B. L. Turner

- A. ventralis* Horn, 1891 {1}

*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird

- A. walsinghami* Crotch, 1873 {1}

*Erigeron*

- A. pulchellus* Bland, 1865 {3}

*Gutierrezia*

- A. gibbicollis* Fall, 1901 {1}
- A. inhabilis chalcogaster* Van Dyke, 1946 {1}
- A. inhabilis cuprinus* Nelson, 1991 {1}

*Gutierrezia bracteata* Abrams [Synonym of: *Gutierrezia californica* (DC.) Torr. & A. Gray]*Gutierrezia californica* (DC.) Torr. & A. Gray

- A. inhabilis chalcogaster* Van Dyke, 1946 {1}

*Haplopappus acerosus* Bertero

- A. thoracicus* Gory & Laporte, 1839 {1}

*Helianthus*

- A. huachucae* Schaeffer, 1905 {1}

*Heterotheca*

- A. heterothecae* Knull, 1972 {1}

*Hymenoclea monogyra* Torr. & A. Gray [Synonym of: *Ambrosia monogyra* (Torr. & A. Gray) Strother & B. G. Baldwin]

*Hymenoclea salsola* Torr. & A. Gray ex Torr. & A. Gray [Synonym of: *Ambrosia salsola* (Torr. & A. Gray) Strother & B. G. Baldwin.]

*Rudbeckia*

*A. imbellis* Crotch, 1873 {1}

*Senecio*

*A. sulcipennis* Solier, 1849 {1}

*A. thoracicus* Gory & Laporte, 1839 {1}

Connaraceae

*Connarus cochinchinensis* (Baill.) Pierre

*A. castus* Descarpentries & Villiers, 1963 {1}

## ***Cornaceae***

*Cornus*

*A. cliftoni* Knull, 1941 {1}

*A. convexicollis* Redtenbacher, 1847 {0}

*A. cuprescens amethystopterus* Semenov, 1891 {3}

*A. lecontei lecontei* Saunders, 1871 {0}

*A. otiosus* Say, 1833 {0}

*A. putillus putillus* Say, 1833 {3}

*A. roscidus* Kiesenwetter, 1857 {3}

*Cornus australis* C. A. Mey. [Synonym of: *Cornus sanguinea* ssp. *australis* (C. A. Mey.) Jáv.]

*Cornus controversa* Hemsl.

*A. yamabusi* Miwa & Chûjô, 1940 {1}

*Cornus florida* L.

*A. abductus* Horn, 1891 {1}

*A. cephalicus* LeConte, 1860 {3}

*A. fallax* Say, 1833 {3}

*A. otiosus* Say, 1833 {0}

*Cornus kousa* F. Buerger ex Hance

*A. cephalicus* LeConte, 1860 {3}

*Cornus racemosa* Lam.

*A. cephalicus* LeConte, 1860 {2}

*Cornus sanguinea* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. convexicollis* Redtenbacher, 1847 {0}
- A. cuprescens cuprescens* (Ménétriés, 1832) {0}
- A. pratensis* (Ratzeburg, 1837) {0}
- A. roscidus* Kiesenwetter, 1857 {3}

*Cornus sanguinea* ssp. *australis* (C. A. Mey.) Jáv.

- A. cuprescens amethystopterus* Semenov, 1891 {3}

*Swida sanguinea* (L.) Opiz [Synonym of: *Cornus sanguinea* L.]

***Cucurbitaceae****Cucurbita pepo* L.

- A. derasofasciatus* Lacordaire, 1835 {0}

***Dipterocarpaceae****Anisoptera thurifera* (Blanco) Blume

- A. oomsisensis* Curletti, 2006 {1}
- A. satyrus* Curletti, 2006 {1}

*Shorea robusta* Gaertn.***Ebenaceae****Bryodendron texanum* Scheele [Synonym of: *Diospyros texana* Scheele]*Diospyros*

- A. fuscipennis* Gory, 1841 {1}
- A. mabokeanus* Curletti, 1998 {3}
- A. roscidus* Kiesenwetter, 1857 {0}

*Diospyros californica* (Brandege) I. M. Johnst.

- A. lucanus* Fall, 1906 {1}

*Diospyros kaki* Thunb.

- A. nipponigena* Obenberger, 1935 {1}

*Diospyros lotus* L.

*A. nipponigena* Obenberger, 1935 {1}

*Diospyros morrisiana* Hance

*A. deguchii* Tôyama, 1985 {1}

*A. esakii* Kurosawa, 1964 {1}

*Diospyros texana* Scheele

*A. dollii* Schaeffer, 1904 {3}

*A. lautuellus* Fisher, 1928 {3}

*A. subtropicus* Schaeffer, 1905 {3}

*Diospyros virginiana* L.

*A. acutipennis* Mannerheim, 1837 {1}

*A. crinicornis* Horn, 1891 {3}

*A. diospyroides* Knull, 1942 {3}

*A. fallax* Say, 1833 {1}

*A. fuscipennis* Gory, 1841 {1}

*A. obsoletoguttatus* Gory, 1841 {1}

*A. otiosus* Say, 1833 {3}

***Elaeocarpaceae****Elaeocarpus*

*A. opulentus* Kerremans, 1900 {1}

*Elaeocarpus varunua* Buch.-Ham. ex Mast.

***Ericaceae****Arbutus*

*A. roscidus* Kiesenwetter, 1857 {0}

*Arbutus menziesii* Pursh

*A. arbuti* Fisher, 1928 {3}

*Arbutus unedo* L.

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*Arctostaphylos*

*A. arbuti* Fisher, 1928 {3}

*Arctostaphylos glauca* Lindl.

*A. arbuti* Fisher, 1928 {3}

*Arctostaphylos manzanita* Parry

*A. arbuti* Fisher, 1928 {3}

*Arctostaphylos tomentosa* (Pursh) Lindl.

*A. arbuti* Fisher, 1928 {3}

*Arctostaphylos viscida* Parry

*A. arbuti* Fisher, 1928 {3}

*Erica*

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

*Erica arborea* L.

*A. elegans elegans* Mulsant & Rey, 1863 {3}

*Erica scoparia* L.

*A. elegans elegans* Mulsant & Rey, 1863 {3}

*Oxydendrum*

*A. vittaticollis* (Randall, 1838) {0}

*Oxydendrum arboreum* (L.) DC.

*A. fuscipennis* Gory, 1841 {1}

*Rhododendron*

*A. nelsonodaimio* Ohmomo, 2006 {1}

*Vaccinium*

*A. floridanus* Crotch, 1873 {1}

*A. shashamboe* Kurosawa, 1963 {1}

*Vaccinium bracteatum* Thunb.

*A. shashamboe* Kurosawa, 1963 {1}

## ***Euphorbiaceae***

*Argythamnia*

*A. argythamniae* Hespenheide & Westcott, 2011 {1}

*Bernardia myricifolia* (Scheele) S. Watson

*A. bentseni* Knull, 1954 {1}

*Claoxylon australe* Baill. ex Müll. Arg.

*A. carterellus* Obenberger, 1959 {3}

*Croton*

*A. lacustris* LeConte, 1860 {3}

*Croton californicus* Müll. Arg.

*A. lacustris* LeConte, 1860 {2}

*Croton capitatus* Michx.

*A. lacustris* LeConte, 1860 {3}

*Croton congestus* Lour..

*A. cyaneoniger* Saunders, 1873 {0}

*Croton dioicus* Cav.

*A. lacustris* LeConte, 1860 {3}

*Croton elaeagnifolius* Vahl [Synonym of: *Croton dioicus* Cav.]

*Croton pottsii* (Klotzsch) Müll. Arg.

*A. lacustris* LeConte, 1860 {2}

*Croton wigginsii* L. C. Wheeler

*A. harenus* Nelson, 1994 {1}

*Ditaxis brandegeei* (Millsp.) Rose & Standl.

*A. paraimpexus* Hespenheide, 2007 {3}

*Euphorbia cyparissias* L.

*A. viridis* (Linné, 1758) {0}

*Mallotus japonicus* (L. f.) Müll. Arg.

*A. carinihumeralis* Kurosawa, 1964 {1}

*A. mallotiellus* Kurosawa, 1985 {3}

*A. okinawensis okinawensis* Miwa, 1933 {1}

*A. uenoi* Kurosawa, 1963 {1}

*Mallotus philippensis* (Lam.) Müll. Arg.

*A. malloti* Théry, 1930 {3}

*Stillingia*

*A. fisherellus* Obenberger, 1936 {1}

*Xylosma racemosa* (Siebold & Zucc.) Miq. [Synonym of: *Croton congestus* Lour..]

***Fagaceae****Castanea*

*A. angustulus angustulus* (Illiger, 1803) {3}

*A. bilineatus* (Weber, 1801) {3}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*A. hastulifer* (Ratzeburg, 1837) {3}

*A. obscuricollis* Kiesenwetter, 1857 {1}

*A. sulcicollis* Lacordaire, 1835 {1}

*Castanea crenata* Siebold & Zucc.

*A. viduus* Kerremans, 1914 {1}

*Castanea dentata* (Marshall) Borkh.

*A. arcuatus* (Say, 1825) {3}

*A. bilineatus* (Weber, 1801) {3}

*Castanea sativa* Mill.

*A. angustulus angustulus* (Illiger, 1803) {3}

*A. biguttatus* (Fabricius, 1777) {3}

*A. graminis* Kiesenwetter, 1857 {2}

*A. hastulifer* (Ratzeburg, 1837) {3}

*A. laticornis* (Illiger, 1803) {3}

*A. olivicolor* Kiesenwetter, 1857 {1}

*A. viridis* (Linné, 1758) {2}

*Castanea vesca* Gaertn. [Synonym of: *Castanea sativa* Mill.]

*Castanopsis*

*A. cypselus* Curletti, 2006 {1}

*A. dama* Curletti, 2006 {1}

*A. hirashimai hirashimai* Kurosawa, 1964 {1}

*A. macrocephalus* Curletti, 2006 {1}

*A. morobensis* Curletti, 2006 {1}

*Castanopsis acuminatissima* (Blume) A. DC.

*A. cervus* Curletti, 2006 {1}

*A. cypselus* Curletti, 2006 {1}

- A. funebris funebris* Deyrolle, 1864 {1}
- A. nebulatus* Curletti, 2006 {1}
- A. swifti* Curletti, 2006 {1}

*Castanopsis lutchuensis* (Koidz.) Nakai [Synonym of: *Castanopsis sieboldii* var. *lutchuensis* (Koidz.) T. Yamaz. & Mas]

*Castanopsis sieboldii* var. *lutchuensis* (Koidz.) T. Yamaz. & Mas

- A. esakii* Kurosawa, 1964 {1}
- A. makiharaiellus* Ohmomo, 2006 {3}
- A. shibatai* Kurosawa, 1964 {1}

### *Fagus*

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. ater* (Linné, 1767) {0}
- A. auricollis* Kiesenwetter, 1857 {0}
- A. biguttatus* (Fabricius, 1777) {3}
- A. bilineatus* (Weber, 1801) {0}
- A. convexifrons* Kiesenwetter, 1857 {1}
- A. crinicornis* Horn, 1891 {3}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. graminis* Kiesenwetter, 1857 {2}
- A. laticornis* (Illiger, 1803) {1}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. olivicolor* Kiesenwetter, 1857 {1}
- A. pilosovittatus* Saunders, 1873 {0}
- A. pratensis* (Ratzeburg, 1837) {0}
- A. sulcicollis* Lacordaire, 1835 {3}
- A. viridis* (Linné, 1758) {3}

*Fagus americana* (Pers.) Sweet [Synonym of: *Fagus grandifolia* ssp. *grandifolia* Ehrh.]

### *Fagus crenata* Blume

- A. fortunatus* Lewis, 1893 {1}

### *Fagus grandifolia* ssp. *grandifolia* Ehrh.

- A. arcuatus* (Say, 1825) {3}
- A. bilineatus* (Weber, 1801) {0}
- A. carpini* Knull, 1923 {3}
- A. crinicornis* Horn, 1891 {3}
- A. obsoletoguttatus* Gory, 1841 {3}

### *Fagus orientalis* Lipsky

- A. viridis* (Linné, 1758) {3}



*Fagus sylvatica* L.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. graminis* Kiesenwetter, 1857 {2}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. olivicolor* Kiesenwetter, 1857 {1}
- A. sulcicollis* Lacordaire, 1835 {3}
- A. viridis* (Linné, 1758) {3}

*Lithocarpus*

- A. cervus* Curletti, 2006 {1}
- A. funebris funebris* Deyrolle, 1864 {1}
- A. lithocarpus* Curletti, 2006 {1}
- A. morobensis* Curletti, 2006 {1}
- A. satyrus* Curletti, 2006 {1}

*Lithocarpus densiflorus* (Hook. & Arn.) Rehder

- A. angelicus* Horn, 1891 {1}

*Lithocarpus rufovillosus* (Markgr.) Rehder

- A. nebulatus* Curletti, 2006 {1}

*Quercus*

- A. abductus* Horn, 1891 {1}
- A. acutipennis* Mannerheim, 1837 {3}
- A. adelphinus* Kerremans, 1895 {1}
- A. adlbaueri* Niehuis, 1987 {1}
- A. angelicus* Horn, 1891 {3}
- A. angustulus angustulus* (Illiger, 1803) {3}
- A. angustulus bicoloratus* Abeille de Perrin, 1894 {3}
- A. arcuatus* (Say, 1825) {3}
- A. asiaticus* Kerremans, 1898 {3}
- A. asperulus* Waterhouse, 1889 {1}
- A. ater* (Linné, 1767) {0}
- A. auristernum* Obenberger, 1924 {1}
- A. auroguttatus* Schaeffer, 1905 {3}
- A. auropictus* Kerremans, 1912 {1}
- A. benjamini* Fisher, 1928 {1}
- A. betuleti* (Ratzeburg, 1837) {0}
- A. biguttatus* (Fabricius, 1777) {3}
- A. bilineatus* (Weber, 1801) {3}
- A. buresi* Obenberger, 1935 {1}
- A. cephalicus* LeConte, 1860 {1}
- A. chiricahuae* Fisher, 1928 {3}

- A. convexicollis* Redtenbacher, 1847 {0}  
*A. coxalis* Waterhouse, 1889 {3}  
*A. cuprescens chrysoderes* Abeille de Perrin, 1891 {0}  
*A. cuprescens cuprescens* (Ménétriés, 1832) {0}  
*A. curtulus* Mulsant & Rey, 1863 {3}  
*A. cyaneoniger* Saunders, 1873 {3}  
*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}  
*A. decoloratus* Kerremans, 1892 {1}  
*A. defectus* LeConte, 1860 {3}  
*A. derasofasciatus* Lacordaire, 1835 {0}  
*A. egenus* Gory, 1841 {0}  
*A. exiguellus* Fisher, 1928 {1}  
*A. fallax* Say, 1833 {0}  
*A. fleischeri* Obenberger, 1925 {0}  
*A. floridanus* Crotch, 1873 {1}  
*A. friebi* Obenberger, 1922 {1}  
*A. frosti* Knull, 1920 {3}  
*A. geronimoi* Knull, 1950 {1}  
*A. gibbicollis* Fall, 1901 {1}  
*A. graminis* Kiesenwetter, 1857 {3}  
*A. grandiceps cyrenaicus* Curletti, 2005 {1}  
*A. grandiceps hemiphanes* Marseul, 1866 {3}  
*A. hastulifer* (Ratzeburg, 1837) {3}  
*A. hittita* Magnani, 1996 {3}  
*A. huachucae* Schaeffer, 1905 {1}  
*A. integerrimus* (Ratzeburg, 1837) {0}  
*A. lacustris* LeConte, 1860 {0}  
*A. laticornis* (Illiger, 1803) {3}  
*A. latipalpis* Jendek, 2007 {1}  
*A. lecontei lecontei* Saunders, 1871 {0}  
*A. litura* Kiesenwetter, 1857 {3}  
*A. macroderus* Abeille de Perrin, 1897 {0}  
*A. madeci* Baudon, 1968 {1}  
*A. masculinus* Horn, 1891 {1}  
*A. moerens* Saunders, 1873 {1}  
*A. monogrammus* Thomson, 1879 {1}  
*A. nicolanus* Obenberger, 1924 {1}  
*A. obscuricollis* Kiesenwetter, 1857 {3}  
*A. obsoletoguttatus* Gory, 1841 {3}  
*A. olentangi* Champlain & Knull, 1925 {1}  
*A. olivicolor* Kiesenwetter, 1857 {1}  
*A. otiosus* Say, 1833 {0}  
*A. politus* (Say, 1825) {0}  
*A. pratensis* (Ratzeburg, 1837) {0}  
*A. pseudofallax* Frost, 1923 {1}

- A. quadriimpressus* Ziegler, 1845 {3}
- A. quercus* Schaeffer, 1905 {1}
- A. reffectus* Waterhouse, 1889 {1}
- A. reichardti* Obenberger, 1935 {1}
- A. relegatus alexeevi* Bellamy, 1998 {3}
- A. ribbei* Kiesenwetter, 1879 {3}
- A. roscidus* Kiesenwetter, 1857 {0}
- A. ruficollis* (Fabricius, 1787) {0}
- A. salviaphilos* Manley, 1979 {1}
- A. sinuatus sinuatus* (Olivier, 1790) {0}
- A. solieri solieri* Gory & Laporte, 1839 {0}
- A. subauratus amurensis* Obenberger, 1922 {0}
- A. subauratus subauratus* (Gebler, 1833) {0}
- A. subrobustus* Saunders, 1873 {0}
- A. sulcicollis* Lacordaire, 1835 {3}
- A. tempestivus* Lewis, 1893 {1}
- A. torquatus* LeConte, 1860 {0}
- A. townsendi* Fall, 1907 {3}
- A. trinotatus* Saunders, 1873 {1}
- A. ussuricola* Obenberger, 1924 {3}
- A. viridis* (Linné, 1758) {0}
- A. volkovitshi* Jendek, 2007 {1}
- A. yamabusi* Miwa & Chûjô, 1940 {1}
- A. zieglerei* Niehuis, 2006 {1}

*Quercus acuta* Thunb.

- A. cyaneoniger* Saunders, 1873 {2}

*Quercus acutissima* Carruth.

- A. adelphinus* Kerremans, 1895 {1}
- A. asiaticus* Kerremans, 1898 {3}
- A. cyaneoniger* Saunders, 1873 {2}
- A. friebi* Obenberger, 1922 {1}
- A. hattorii* Nakane, 1983 {1}
- A. moerens* Saunders, 1873 {1}
- A. ribbei* Kiesenwetter, 1879 {2}
- A. tokyoensis* Kurosawa, 1985 {1}
- A. ussuricola* Obenberger, 1924 {3}

*Quercus aegilops* L. [Synonym of: *Quercus ithaburensis* ssp. *macrolepis* (Kotschy) Hedge & Y]

*Quercus agrifolia* Née

- A. angelicus* Horn, 1891 {3}
- A. arcuatus* (Say, 1825) {3}
- A. auroguttatus* Schaeffer, 1905 {3}

- A. coxalis* Waterhouse, 1889 {3}
- A. politus* (Say, 1825) {0}
- A. quadriguttatus fulminans* Fisher, 1928 {1}

*Quercus alba* L.

- A. acutipennis* Mannerheim, 1837 {2}
- A. arcuatus* (Say, 1825) {3}
- A. benjamini* Fisher, 1928 {1}
- A. bilineatus* (Weber, 1801) {3}
- A. crinicornis* Horn, 1891 {3}
- A. defectus* LeConte, 1860 {3}
- A. geminatus* (Say, 1823) {2}
- A. lacustris* LeConte, 1860 {0}
- A. obsoletoguttatus* Gory, 1841 {2}
- A. otiosus* Say, 1833 {0}

*Quercus aliena* Blume

- A. cyaneoniger* Saunders, 1873 {2}
- A. friebi* Obenberger, 1922 {1}
- A. moerens* Saunders, 1873 {1}
- A. ribbei* Kiesenwetter, 1879 {2}

*Quercus alnifolia* Poech

- A. samai* Magnani, 1995 {3}

*Quercus arizonica* Sarg.

- A. abditus* Horn, 1891 {1}
- A. abductus* Horn, 1891 {1}
- A. parkeri* Knull, 1935 {3}
- A. pulchellus* Bland, 1865 {1}
- A. quercus* Schaeffer, 1905 {1}
- A. townsendi* Fall, 1907 {2}
- A. waltersi* Nelson, 1985 {1}

*Quercus bicolor* Willd.

- A. quercicola* Fisher, 1928 {3}

*Quercus borealis* F. Michx. [Synonym of: *Quercus rubra* L.]

*Quercus californica* (Torr.) Cooper [Synonym of: *Quercus kelloggii* Newb.]

*Quercus calliprinos* Webb [Synonym of: *Quercus coccifera* L.]

*Quercus canariensis* Willd.

- A. angustulus bicoloratus* Abeille de Perrin, 1894 {2}
- A. hastulifer* (Ratzeburg, 1837) {2}

*Quercus castaneifolia* C. A. Mey.

- A. graminis* Kiesenwetter, 1857 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}

*Quercus cerris* L.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. curtulus* Mulsant & Rey, 1863 {2}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. graminis* Kiesenwetter, 1857 {3}
- A. laticornis* (Illiger, 1803) {2}
- A. obscuricollis* Kiesenwetter, 1857 {3}
- A. sulcicollis* Lacordaire, 1835 {2}
- A. viridis* (Linné, 1758) {0}

*Quercus chrysolepis* Liebm.

- A. angelicus* Horn, 1891 {3}
- A. auroguttatus* Schaeffer, 1905 {2}
- A. coxalis* Waterhouse, 1889 {3}

*Quercus coccifera* L.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. curtulus* Mulsant & Rey, 1863 {2}
- A. grandiceps grandiceps* Kiesenwetter, 1857 {3}
- A. grandiceps hemiphanes* Marseul, 1866 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}

*Quercus coccinea* Münchh.

- A. bilineatus* (Weber, 1801) {3}
- A. geminatus* (Say, 1823) {2}
- A. grandiceps hemiphanes* Marseul, 1866 {3}

*Quercus conferta* Kit. [Synonym of: *Quercus frainetto* Ten.]*Quercus konzattii* Trel.

- A. auroguttatus* Schaeffer, 1905 {3}
- A. coxalis* Waterhouse, 1889 {3}

*Quercus crispula* Blume [Synonym of: *Quercus mongolica* ssp. *crispula* (Blume) Menitsky]*Quercus dalechampii* Ten.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. graminis* Kiesenwetter, 1857 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}
- A. litura* Kiesenwetter, 1857 {2}

*Quercus densiflora* Hook. & Arn.*A. angelicus* Horn, 1891 {3}*Quercus dentata* Thunb.*A. cyaneoniger* Saunders, 1873 {3}*A. sospes* Lewis, 1893 {1}*Quercus dilatata* Lindl. ex A. DC. [Synonym of: *Quercus floribunda* Lindl. ex A. Camus]*Quercus durata* Jeps.*A. angelicus* Horn, 1891 {3}*Quercus emoryi* Torr.*A. albocomus* Fisher, 1928 {3}*A. auroguttatus* Schaeffer, 1905 {3}*A. coxalis* Waterhouse, 1889 {2}*A. parkeri* Knull, 1935 {3}*A. restrictus* Waterhouse, 1889 {1}*Quercus engelmannii* Greene*A. angelicus* Horn, 1891 {3}*A. auroguttatus* Schaeffer, 1905 {2}*Quercus faginea* Lam.*A. angustulus angustulus* (Illiger, 1803) {2}*A. biguttatus* (Fabricius, 1777) {3}*A. graminis* Kiesenwetter, 1857 {2}*Quercus falcata* Michx.*A. arcuatus* (Say, 1825) {3}*A. quercicola* Fisher, 1928 {3}*Quercus floribunda* Lindl. ex A. Camus*A. niveoguttatus* Kerremans, 1892 {3}*Quercus frainetto* Ten.*A. angustulus angustulus* (Illiger, 1803) {3}*A. hastulifer* (Ratzeburg, 1837) {3}*A. litura* Kiesenwetter, 1857 {2}*A. relegatus alexeevi* Bellamy, 1998 {3}*A. sulcicollis* Lacordaire, 1835 {3}*Quercus gambelii* Nutt.*A. acutipennis* Mannerheim, 1837 {3}*A. albocomus* Fisher, 1928 {2}

- A. chiricahuae* Fisher, 1928 {2}
- A. quercicola* Fisher, 1928 {3}
- A. townsendi* Fall, 1907 {2}

*Quercus grisea* Liebm.

- A. albocomus* Fisher, 1928 {3}
- A. quercicola* Fisher, 1928 {2}

*Quercus havardii* Rydb.

- A. hespenheidei* Nelson, 1991 {1}

*Quercus hypoleucoides* A. Camus

- A. abditus* Horn, 1891 {1}
- A. asperulus* Waterhouse, 1889 {1}
- A. auroguttatus* Schaeffer, 1905 {3}
- A. chiricahuae* Fisher, 1928 {3}
- A. fisherellus* Obenberger, 1936 {1}
- A. palmerlei* Knull, 1944 {1}
- A. parkeri* Knull, 1935 {3}
- A. quercus* Schaeffer, 1905 {1}
- A. townsendi* Fall, 1907 {2}

*Quercus ilex* L.

- A. angustulus angustulus* (Illiger, 1803) {2}
- A. biguttatus* (Fabricius, 1777) {3}
- A. curtulus* Mulsant & Rey, 1863 {2}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. derasofasciatus* Lacordaire, 1835 {0}
- A. graminis* Kiesenwetter, 1857 {3}
- A. grandiceps grandiceps* Kiesenwetter, 1857 {3}
- A. grandiceps hemiphanes* Marseul, 1866 {3}
- A. hastulifer* (Ratzeburg, 1837) {2}
- A. laticornis* (Illiger, 1803) {2}
- A. obscuricollis* Kiesenwetter, 1857 {2}

*Quercus ilicifolia* Wangenh.

- A. arcuatus* (Say, 1825) {3}
- A. olivaceoniger* Fisher, 1928 {1}

*Quercus imbricaria* Michx.

- A. acutipennis* Mannerheim, 1837 {3}
- A. obsoletoguttatus* Gory, 1841 {2}

*Quercus infectoria* ssp. *veneris* (A. Kern.) Meikle

- A. hastuliformis* Novak, 2003 {1}
- A. relegatoides* Novak, 2003 {3}

*Quercus ithaburensis* Decne.

*A. tenuissimus* Abeille de Perrin, 1891 {1}

*Quercus ithaburensis* ssp. *macrolepis* (Kotschy) Hedge & Y

*A. hastulifer* (Ratzeburg, 1837) {3}

*Quercus kelloggii* Newb.

*A. angelicus* Horn, 1891 {3}

*A. arcuatus* (Say, 1825) {3}

*A. auroguttatus* Schaeffer, 1905 {2}

*A. coxalis* Waterhouse, 1889 {3}

*A. parkeri* Knull, 1935 {2}

*Quercus laevis* Walter

*A. rubroniger* Hespeneide, 1979 {1}

*Quercus laurifolia* Michx.

*A. acutipennis* Mannerheim, 1837 {2}

*A. rubroniger* Hespeneide, 1979 {1}

*Quercus lyrata* Walter

*A. acutipennis* Mannerheim, 1837 {2}

*A. bilineatus* (Weber, 1801) {3}

*Quercus macranthera* Fisch. & C. A. Mey. ex Hohen.

*A. angustulus angustulus* (Illiger, 1803) {3}

*Quercus macrocarpa* Michx.

*A. acutipennis* Mannerheim, 1837 {2}

*A. audax* Horn, 1891 {1}

*A. benjamini* Fisher, 1928 {1}

*A. bilineatus* (Weber, 1801) {3}

*A. defectus* LeConte, 1860 {2}

*A. quercicola* Fisher, 1928 {3}

*Quercus marilandica* (L.) Münchh.

*A. acutipennis* Mannerheim, 1837 {2}

*A. audax* Horn, 1891 {1}

*A. geminatus* (Say, 1823) {3}

*A. obsoletoguttatus* Gory, 1841 {2}

*A. paracelti* Knull, 1972 {0}

*Quercus michauxii* Nutt.

*A. bilineatus* (Weber, 1801) {3}



*Quercus mirbeckii* Durieu [Synonym of: *Quercus canariensis* Willd.]

*Quercus mongolica* Fisch. ex Ledeb.

- A. asiaticus* Kerremans, 1898 {2}
- A. betuleti* (Ratzeburg, 1837) {0}
- A. cyaneoniger* Saunders, 1873 {3}
- A. smaragdinus smaragdinus* Solsky, 1876 {1}
- A. soudeki* Obenberger, 1926 {1}

*Quercus mongolica* ssp. *crispula* (Blume) Menitsky

- A. cyaneoniger* Saunders, 1873 {3}
- A. euonymi* Tôyama, 1985 {1}
- A. friebi* Obenberger, 1922 {1}

*Quercus mongolica* var. *grosseserrata* (Blume) Rehder & E. H. [Synonym of:

*Quercus mongolica* ssp. *crispula* (Blume) Menitsky]

*Quercus muehlenbergii* Engelm.

- A. bilineatus* (Weber, 1801) {3}
- A. defectus* LeConte, 1860 {3}

*Quercus myrsinifolia* Blume

- A. cyaneoniger* Saunders, 1873 {2}

*Quercus myrtifolia* Willd.

- A. ruficollis* (Fabricius, 1787) {0}

*Quercus nigra* L.

- A. auroguttatus* Schaeffer, 1905 {2}
- A. dozieri* Fisher, 1918 {1}

*Quercus palustris* Münchh.

- A. obsoletoguttatus* Gory, 1841 {2}

*Quercus peduncularis* Née

- A. auroguttatus* Schaeffer, 1905 {3}
- A. coxalis* Waterhouse, 1889 {3}

*Quercus pedunculata* Ehrh. [Synonym of: *Quercus robur* L.]

*Quercus petraea* (Matt.) Liebl.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. curtulus* Mulsant & Rey, 1863 {2}
- A. graminis* Kiesenwetter, 1857 {2}
- A. laticornis* (Illiger, 1803) {3}
- A. obscuricollis* Kiesenwetter, 1857 {3}
- A. sulcicollis* Lacordaire, 1835 {3}

*Quercus phellos* L.

- A. atricornis* Fisher, 1928 {3}
- A. geminatus* (Say, 1823) {3}
- A. osburni* Knull, 1937 {3}

*Quercus prinoides* Willd.

- A. obsoletoguttatus* Gory, 1841 {3}

*Quercus prinus* L. [Synonym of: *Quercus michauxii* Nutt.]*Quercus pubescens* Willd.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. curtulus* Mulsant & Rey, 1863 {2}
- A. graminis* Kiesenwetter, 1857 {3}
- A. grandiceps grandiceps* Kiesenwetter, 1857 {3}
- A. grandiceps hemiphanes* Marseul, 1866 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}
- A. laticornis* (Illiger, 1803) {3}
- A. litura* Kiesenwetter, 1857 {2}
- A. obscuricollis* Kiesenwetter, 1857 {2}
- A. relegatus alexeevi* Bellamy, 1998 {3}
- A. sulcicollis* Lacordaire, 1835 {3}

*Quercus pyrenaica* Willd.

- A. curtulus* Mulsant & Rey, 1863 {2}
- A. graminis* Kiesenwetter, 1857 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}

*Quercus robur* L.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. graminis* Kiesenwetter, 1857 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}
- A. laticornis* (Illiger, 1803) {3}
- A. litura* Kiesenwetter, 1857 {2}
- A. obscuricollis* Kiesenwetter, 1857 {3}
- A. olivicolor* Kiesenwetter, 1857 {1}
- A. relegatus alexeevi* Bellamy, 1998 {2}
- A. sulcicollis* Lacordaire, 1835 {3}
- A. viridis* (Linné, 1758) {0}

*Quercus rotundifolia* Lam.

- A. angustulus angustulus* (Illiger, 1803) {2}
- A. pecirkai* Obenberger, 1916 {0}

*Quercus rubra* L.

- A. acutipennis* Mannerheim, 1837 {2}
- A. angustulus angustulus* (Illiger, 1803) {3}
- A. arcuatus* (Say, 1825) {3}
- A. bilineatus* (Weber, 1801) {3}
- A. crinicornis* Horn, 1891 {2}
- A. graminis* Kiesenwetter, 1857 {3}
- A. masculinus* Horn, 1891 {1}
- A. nigricans* Gory, 1841 {1}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. olivicolor* Kiesenwetter, 1857 {1}
- A. quercicola* Fisher, 1928 {3}

*Quercus serrata* Murray

- A. adelphinus* Kerremans, 1895 {1}
- A. asahinai* Kurosawa, 1956 {1}
- A. cyaneoniger* Saunders, 1873 {2}
- A. friebi* Obenberger, 1922 {1}
- A. hattorii* Nakane, 1983 {1}
- A. moerens* Saunders, 1873 {1}
- A. ussuricola* Obenberger, 1924 {3}

*Quercus sessiliflora* Salisb. [Synonym of: *Quercus petraea* (Matt.) Liebl.]

*Quercus shumardii* Buckley

- A. arcuatus* (Say, 1825) {2}
- A. quercicola* Fisher, 1928 {3}

*Quercus stellata* Wangenh.

- A. abductus* Horn, 1891 {1}
- A. acutipennis* Mannerheim, 1837 {2}
- A. arcuatus* (Say, 1825) {2}
- A. defectus* LeConte, 1860 {3}
- A. frosti* Knull, 1920 {3}
- A. quadriimpressus* Ziegler, 1845 {2}

*Quercus suber* L.

- A. angustulus angustulus* (Illiger, 1803) {3}
- A. biguttatus* (Fabricius, 1777) {3}
- A. graminis* Kiesenwetter, 1857 {3}
- A. hastulifer* (Ratzeburg, 1837) {3}
- A. laticornis* (Illiger, 1803) {2}
- A. obscuricollis* Kiesenwetter, 1857 {3}
- A. viridis* (Linné, 1758) {0}

*Quercus toza* Bastard [Synonym of: *Quercus pyrenaica* Willd.]

*Quercus utahensis* (A. DC.) Rydb. [Synonym of: *Quercus gambelii* Nutt.]

*Quercus variabilis* Blume

*A. asiaticus* Kerremans, 1898 {3}

*A. cyaneoniger* Saunders, 1873 {2}

*Quercus velutina* Lam

*A. acutipennis* Mannerheim, 1837 {2}

*A. arcuatus* (Say, 1825) {3}

*A. bilineatus* (Weber, 1801) {3}

*A. geminatus* (Say, 1823) {3}

*A. obsoletoguttatus* Gory, 1841 {2}

*A. quadriimpressus* Ziegler, 1845 {2}

*A. vittaticollis* (Randall, 1838) {0}

*Quercus wislizeni* A. DC.

*A. angelicus* Horn, 1891 {3}

## ***Grossulariaceae***

*Grossularia*

*A. cuprescens chrysoderes* Abeille de Perrin, 1891 {0}

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

*A. ribesi* Schaefer, 1946 {1}

*Ribes*

*A. cuprescens chrysoderes* Abeille de Perrin, 1891 {0}

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

*A. ribesi* Schaefer, 1946 {3}

*A. salicis* Frivaldszky, 1877 {0}

*A. viridis* (Linné, 1758) {0}

*Ribes alpinum* L.

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

*A. ribesi* Schaefer, 1946 {2}

*Ribes aureum* Pursh

*A. ribesi* Schaefer, 1946 {2}

*Ribes nigrum* L.

*A. ribesi* Schaefer, 1946 {3}

*Ribes rubrum* L.

*A. ribesi* Schaefer, 1946 {3}

*Ribes uva-crispa* L.

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

*A. ribesi* Schaefer, 1946 {3}

***Hamamelidaceae****Hamamelis japonica* Siebold & Zucc.

*A. viridiobscurus* Saunders, 1873 {1}

***Heliconiaceae****Heliconia*

*A. hectori* Curletti, 2005 {1}

***Hydrangeaceae****Philadelphus coronarius* L.

*A. cupes* Lewis, 1893 {1}

***Hypericaceae****Hypericum*

*A. globulifrons* Obenberger, 1920 {1}

*A. hyperici* (Creutzer, 1799) {3}

*A. hypericicola* Abeille de Perrin, 1893 {1}

*A. sulcifer* Abeille de Perrin, 1895 {1}

*Hypericum perforatum* L.

*A. canaliculatus* Bach, 1867 {1}

*A. chobauti* Abeille de Perrin, 1897 {1}

*A. cinctus* (Olivier, 1790) {0}

*A. hyperici* (Creutzer, 1799) {3}

*A. hypericicola* Abeille de Perrin, 1893 {1}

*Hypericum perforatum* ssp. *veronense* (Schrank) H. Lindb.

*A. hyperici* (Creutzer, 1799) {3}

*Hypericum pulchrum* L.

*A. canaliculatus* Bach, 1867 {1}

*A. cinctus* (Olivier, 1790) {0}

*Hypericum tetrapterum* Fr.

*A. hyperici* (Creutzer, 1799) {3}

*Hypericum veronense* Schrank [Synonym of: *Hypericum perforatum* ssp. *veronense* (Schrank) H. Lindb.]

## ***Juglandaceae***

*Carya*

*A. arcuatus* (Say, 1825) {0}

*A. crinicornis* Horn, 1891 {1}

*A. egenus* Gory, 1841 {1}

*A. frosti* Knull, 1920 {1}

*A. obsoletoguttatus* Gory, 1841 {3}

*A. otiosus* Say, 1833 {3}

*A. paracelti* Knull, 1972 {0}

*A. subcinctus* Gory, 1841 {1}

*A. torquatus* LeConte, 1860 {}

*A. transimpessus* Fall, 1925 {1}

*Carya alba* (L.) Nutt. ex Elliott

*A. defectus* LeConte, 1860 {1}

*A. egenus* Gory, 1841 {1}

*A. geminatus* (Say, 1823) {1}

*A. masculinus* Horn, 1891 {1}

*A. otiosus* Say, 1833 {3}

*A. quadriimpessus* Ziegler, 1845 {1}

*Carya cordiformis* (Wangenh.) K. Koch

*A. acutipennis* Mannerheim, 1837 {1}

*A. cliftoni* Knull, 1941 {1}

*A. otiosus* Say, 1833 {3}

*Carya illinoensis* (Wangenh.) K. Koch

- A. celti* Knull, 1920 {1}
- A. otiosus* Say, 1833 {3}
- A. torquatus* LeConte, 1860 {3}

*Carya laciniosa* (F. Michx.) G. Don

- A. otiosus* Say, 1833 {3}

*Carya ovata* (Mill.) K. Koch

- A. arcuatus* (Say, 1825) {0}
- A. otiosus* Say, 1833 {3}
- A. torquatus* LeConte, 1860 {3}

*Carya pecan* (Marshall) Nutt.

- A. scitulus* Horn, 1891 {1}

*Carya tomentosa* (Lam. ex Poir.) Nutt. [Synonym of: *Carya alba* (L.) Nutt. ex Elliott]*Hicoria* [Synonym of: *Carya*]*Hicoria alba* Britton [Synonym of: *Carya alba* (L.) Nutt. ex Elliott]*Hicoria ovata* (Mill.) Britton [Synonym of: *Carya ovata* (Mill.) K. Koch]*Juglans*

- A. crataegi* Frost, 1912 {1}
- A. juglandis* Knull, 1920 {3}
- A. otiosus* Say, 1833 {3}

*Juglans ailanthifolia* Carrière

- A. kurumi* Kurosawa, 1957 {3}
- A. planipennis* Fairmaire, 1888 {1}
- A. viridiobscurus* Saunders, 1873 {1}

*Juglans cinerea* L.

- A. juglandis* Knull, 1920 {3}
- A. obsoletoguttatus* Gory, 1841 {1}
- A. otiosus* Say, 1833 {3}
- A. puncticeps* LeConte, 1860 {1}

*Juglans mandshurica* Maxim.

- A. gussakovskiji* Alexeev, 1981 {1}
- A. kurumi* Kurosawa, 1957 {3}

*Juglans mandshurica* var. *sieboldiana* Maxim [Synonym of: *Juglans ailanthifolia* Carrière]

*Juglans nigra* L.

- A. acutipennis* Mannerheim, 1837 {1}
- A. arcuatus* (Say, 1825) {0}
- A. cephalicus* LeConte, 1860 {1}
- A. cliftoni* Knull, 1941 {1}
- A. crinicornis* Horn, 1891 {1}
- A. fallax* Say, 1833 {1}
- A. geminatus* (Say, 1823) {1}
- A. obsoletoguttatus* Gory, 1841 {1}
- A. otiosus* Say, 1833 {3}
- A. transimpressus* Fall, 1925 {3}

*Juglans regia* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. graminis* Kiesenwetter, 1857 {0}
- A. roscidus* Kiesenwetter, 1857 {1}

*Juglans sieboldiana* Maxim. [Synonym of: *Juglans ailanthifolia* Carrière]  
*Pterocarya rhoifolia* Siebold & Zucc.

- A. planipennis* Fairmaire, 1888 {1}

**Lamiaceae***Clinopodium*

- A. olivicolor* Kiesenwetter, 1857 {0}

*Poliomintha incana* (Torr.) A. Gray

- A. utahensis* Westcott, 1991 {1}

*Salvia*

- A. cyphothoracoides* Hespenheide, 2008 {1}
- A. salviaphilos* Manley, 1979 {1}

*Salvia ballotiflora* Benth.

- A. salviaphilos* Manley, 1979 {1}

*Teucrium*

- A. elegans teucrii* Schaefer, 1949 {3}

*Teucrium capitatum* L.

- A. ibericus* Sobrino Sánchez & Tolosa Sánchez, 2005 {3}

*Teucrium polium* L.

- A. elegans teucrii* Schaefer, 1949 {3}



**Lauraceae***Cryptocarya ledermannii* Teschner*A. allisoni* Curletti, 2006 {1}*A. nebulatus* Curletti, 2006 {1}*Lindera praecox* (Siebold & Zucc.) Blume*A. daimio* Obenberger, 1936 {3}*A. viridiobscurus* Saunders, 1873 {1}*Machilus thunbergii* Siebold & Zucc.*A. carinihumeralis* Kurosawa, 1964 {1}*A. esakii* Kurosawa, 1964 {1}*A. tempestivus* Lewis, 1893 {1}*Nectandra purpurea* (Ruiz & Pav.) Mez*A. atlanticus* Curletti, 2005 {1}*Parabenzoin praecox* (Siebold & Zucc.) Nakai [Synonym of: *Lindera praecox* (Siebold & Zucc.) Blume]*Sassafras albidum* (Nutt.) Nees*A. masculinus* Horn, 1891 {1}*A. otiosus* Say, 1833 {3}**Leguminosae***Acacia**A. acaciae* Fisher, 1928 {3}*A. addendus* Crotch, 1873 {1}*A. aethiops* Hespeneheide, 1990 {1}*A. andresi* Obenberger, 1920 {3}*A. anthaxioides* Hespeneheide, 2009 {1}*A. babuinus* Curletti & Dutto, 1999 {3}*A. balaenoides* Waterhouse, 1889 {1}*A. cailloli malariae* Curletti & Dutto, 1999 {3}*A. cavatus* Chevrolat, 1838 {1}*A. cerinoguttatus* Chevrolat, 1835 {1}*A. collaris* (Waterhouse, 1889) {1}*A. ctenias* Théry, 1934 {1}*A. cteniasiformis* Curletti & Sakalian, 2009 {1}*A. cupreonitens* Fisher, 1928 {1}*A. deauratus* MacLeay, 1872 {3}

- A. desertus* (Klug, 1829) {3}
- A. detractus* Waterhouse, 1889 {1}
- A. dhotmanae* Curletti, 1999 {1}
- A. dollmanni tsetsei* Curletti & Dutto, 1999 {3}
- A. eleanorae* Fisher, 1928 {1}
- A. frequens* Curletti & Dutto, 1999 {3}
- A. funestus* Gory, 1841 {1}
- A. gazzella* Curletti & Dutto, 1999 {3}
- A. gordonii* Curletti & Sakalian, 2009 {3}
- A. gueorguievi* Curletti & Sakalian, 2009 {1}
- A. harmodius centrafricanus* Curletti, 1998 {3}
- A. invectus* Curletti & Dutto, 1999 {3}
- A. ivetteae* Curletti, 2010 {1}
- A. jiloi* Curletti & Sakalian, 2009 {1}
- A. karrooi* Curletti, 1999 {1}
- A. kinuthiae* Curletti & Sakalian, 2009 {1}
- A. koala* Curletti, 2001 {3}
- A. lituratus* (Klug, 1829) {3}
- A. ljubomirovi* Curletti & Sakalian, 2009 {1}
- A. matacottai* Curletti & Dutto, 1999 {3}
- A. mutabilis* Waterhouse, 1889 {1}
- A. napatecutli* Fisher, 1938 {1}
- A. neoprosopidus* Knull, 1938 {3}
- A. niveosignatus* Obenberger, 1914 {1}
- A. njugunai* Curletti & Sakalian, 2009 {1}
- A. nubeculosus nubeculosus* Fairmaire, 1891 {3}
- A. olivaceoaeeneus* Hespeneheide, 1990 {1}
- A. olmii tropicus* Curletti, 1998 {3}
- A. opacipennis* Waterhouse, 1889 {1}
- A. orangei* Curletti, 1999 {1}
- A. parabductus* Knull, 1954 {1}
- A. popovi* Curletti & Sakalian, 2009 {1}
- A. preysleri* Obenberger, 1933 {1}
- A. pseudolituratus* Descarpentries, 1959 {3}
- A. pseudonubeculosus* Descarpentries, 1959 {3}
- A. purpuratus* (Klug, 1829) {3}
- A. roscidus* Kiesenwetter, 1857 {0}
- A. semerdjievi* Curletti & Sakalian, 2009 {1}
- A. servus* Curletti & Dutto, 1999 {1}
- A. solieri solieri* Gory & Laporte, 1839 {0}
- A. spathulatus* (Obenberger, 1931) {1}
- A. speciosus* Waterhouse, 1889 {1}
- A. subguttatus* Waterhouse, 1889 {1}
- A. tiacapanae* Fisher, 1938 {1}
- A. ukerewensis masai* Curletti, 1994 {3}

- A. venosus* Gory & Laporte, 1839 {3}
- A. volof* Curletti, 1998 {3}
- A. wallaby* Curletti, 2001 {1}
- A. yemenita* Curletti & Harten, 2002 {3}

*Acacia acuminata* Benth.

- A. echidna* Curletti, 2001 {1}

*Acacia acuminata* ssp. *burkittii* (Benth.) Kodela & Tinda

- A. koala* Curletti, 2001 {3}

*Acacia angustissima* (Mill.) Kuntze

- A. aeneocephalus* Fisher, 1928 {1}
- A. paraimpexus* Hespenheide, 2007 {1}

*Acacia angustissima* var. *suffrutescens* (Rose) Isely

- A. cavatus* Chevrolat, 1838 {1}

*Acacia berlandieri* Benth.

- A. eleanorae* Fisher, 1928 {1}

*Acacia binervata* DC.

- A. decupratus* Curletti, 2001 {3}

*Acacia burkittii* Benth. [Synonym of: *Acacia acuminata* ssp. *burkittii* (Benth.) Kodela & Tinda]

*Acacia calamifolia* Lindl.

- A. sundholmi* Curletti, 2009 {1}

*Acacia catechu* (L. f.) Willd.

- A. villosostriatus* Thomson, 1879 {3}

*Acacia chalkerii* Maiden

- A. australasiae* Gory & Laporte, 1839 {3}

*Acacia cochliacantha* Willd.

- A. detractus* Waterhouse, 1889 {1}
- A. griseoniger* Hespenheide, 1990 {1}
- A. luctator* Kerremans, 1903 {1}
- A. paraimpexus* Hespenheide, 2007 {1}
- A. rifkindi pueblae* Hespenheide, 2009 {1}
- A. rifkindi rifkindi* Hespenheide, 2009 {1}
- A. sparsus* Waterhouse, 1889 {1}
- A. vermiculatus* (Waterhouse, 1889) {1}

*Acacia constricta* A. Gray*A. abstersus* Horn, 1891 {2}*A. duncani* Knull, 1929 {1}*Acacia crassa* Pedley*A. raphelisi* Obenberger, 1923 {3}*Acacia dealbata* Link*A. australasiae* Gory & Laporte, 1839 {3}*A. hypoleucus* Gory & Laporte, 1839 {2}*Acacia decurrens* Willd.*A. australasiae* Gory & Laporte, 1839 {2}*A. hypoleucus* Gory & Laporte, 1839 {2}*Acacia ehrenbergiana* Hayne*A. desertus* (Klug, 1829) {3}*A. purpuratus* (Klug, 1829) {3}*Acacia erubescens* Oliv.*A. pulex* Curletti & Bellamy, 2005 {1}*Acacia farnesiana* (L.) Willd.*A. acaciae* Fisher, 1928 {3}*A. addendus* Crotch, 1873 {1}*A. cupreonitens* Fisher, 1928 {1}*A. detractus* Waterhouse, 1889 {1}*A. ornatulus* Horn, 1891 {1}*A. paraimpexus* Hespenheide, 2007 {1}*A. pectoralis* Waterhouse, 1889 {3}*A. prosopidis* Fisher, 1928 {1}*A. purpuratus* (Klug, 1829) {2}*A. scitulus* Horn, 1891 {1}*Acacia flava* (Forssk.) Schweinf. [Synonym of: *Acacia ehrenbergiana* Hayne]*Acacia flexicaulis* Benth. [Synonym of: *Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes]*Acacia gageana* Craib*A. albizziae* Fisher, 1935 {3}*Acacia greggii* A. Gray*A. abstersus* Horn, 1891 {3}*A. fisherellus* Obenberger, 1936 {1}*A. hualpaii* Knull, 1939 {1}

- A. impexus* Horn, 1891 {0}
- A. mimosae* Fisher, 1928 {1}
- A. obscurilineatus* Vogt, 1949 {1}
- A. paraimpexus* Hespenheide, 2007 {1}
- A. pectoralis* Waterhouse, 1889 {2}
- A. pubescens* Fisher, 1928 {3}
- A. ventralis* Horn, 1891 {1}
- A. wenzeli* Knull, 1934 {1}

*Acacia gummifera* Willd.

- A. lituratus* (Klug, 1829) {2}
- A. purpuratus* (Klug, 1829) {3}
- A. venosus* Gory & Laporte, 1839 {3}

*Acacia harpophylla* Benth.

- A. mastersii* MacLeay, 1872 {3}

*Acacia karroo* Hayne

- A. braunsi* Obenberger, 1931 {1}
- A. diversicolor* (Wallengren, 1881) {1}
- A. sexguttatus sexguttatus* (Thunberg, 1789) {1}
- A. spathulatus* (Obenberger, 1931) {1}

*Acacia lahai* Benth.

- A. marietae* Curletti & Sakalian, 2007 {1}

*Acacia lebbeck* (L.) Willd. [Synonym of: *Albizia lebbeck* (L.) Benth.]

*Acacia leiocalyx* (Domin) Pedley

- A. mastersii* MacLeay, 1872 {3}

*Acacia leucolobia* Sweet

- A. hypoleucus* Gory & Laporte, 1839 {2}

*Acacia ligulata* Benth.

- A. assimilis assimilis* Hope, 1846 {1}

*Acacia longifolia* (Andrews) Willd.

- A. hypoleucus* Gory & Laporte, 1839 {3}

*Acacia longifolia* ssp. *sophorae* (Labill.) Court

- A. australasiae* Gory & Laporte, 1839 {3}
- A. hypoleucus* Gory & Laporte, 1839 {3}

*Acacia longifolia* var. *sophorae* (Labill.) F. Muell. [Synonym of: *Acacia longifolia* ssp. *sophorae* (Labill.) Court]

*Acacia mangium* Willd.

*A. fulvovittatus* Fisher, 1921 {3}

*Acacia mearnsii* De Wild.

*A. australasiae* Gory & Laporte, 1839 {2}

*A. hypoleucus* Gory & Laporte, 1839 {2}

*Acacia melanoceras* Beurl.

*A. melanocerus* Curletti, 2005 {1}

*A. observans* Waterhouse, 1889 {1}

*Acacia melanoxylon* R. Br.

*A. funebris funebris* Deyrolle, 1864 {1}

*Acacia mellifera* (M. Vahl) Benth.

*A. braunsi* Obenberger, 1931 {1}

*A. debilis* Fåhraeus, 1851 {1}

*A. elongatulus* Gory & Laporte, 1839 {1}

*A. howdenae* Curletti, 1999 {3}

*A. kuzikusensis* Curletti & Cristano, 2013 {1}

*A. windhoekii* Obenberger, 1935 {1}

*Acacia mollissima* Willd. [Synonym of: *Acacia pubescens* (Vent.) R. Br.]

*Acacia oswaldii* F. Muell.

*A. kangaroo* Curletti, 2001 {3}

*Acacia parramattensis* Tindale

*A. australasiae* Gory & Laporte, 1839 {2}

*A. hypoleucus* Gory & Laporte, 1839 {2}

*Acacia pennatula* (Schltdl. & Cham.) Benth.

*A. affinis* Waterhouse, 1889 {1}

*A. corrugatus* (Waterhouse, 1889) {1}

*A. ixcuinae* Fisher, 1938 {1}

*A. luctator* Kerremans, 1903 {1}

*A. mutabilis* Waterhouse, 1889 {1}

*A. obrienorum* Hespeneheide, 2009 {1}

*A. quadrinotatus* Gory, 1841 {1}

*A. quetzalcoatli* Fisher, 1938 {1}

*A. sparsus* Waterhouse, 1889 {1}

*A. tlaculteutlae* Fisher, 1938 {1}

*Acacia pubescens* (Vent.) R. Br.

*A. grandis* Gory & Laporte, 1839 {1}

*Acacia pycnantha* Benth.

- A. assimilis assimilis* Hope, 1846 {1}
- A. australasiae* Gory & Laporte, 1839 {3}
- A. hypoleucus* Gory & Laporte, 1839 {2}

*Acacia raddiana* (Savi) Brenan [Synonym of: *Acacia tortilis* ssp. *raddiana* (Savi) Brenan]*Acacia rigidula* Benth.

- A. acaciae* Fisher, 1928 {3}
- A. addendus* Crotch, 1873 {1}
- A. cupreonitens* Fisher, 1928 {1}
- A. eleanorae* Fisher, 1928 {1}
- A. obscurilineatus* Vogt, 1949 {1}

*Acacia robusta* Burch.

- A. forschhammeri* Curletti, 1998 {1}

*Acacia senegal* (L.) Willd.

- A. tarae* Bellamy, 1999 {3}

*Acacia seyal* Delile

- A. lituratus* (Klug, 1829) {3}
- A. pseudopurpuratus* Descarpentries & Bruneau de Miré, 1963 {3}

*Acacia sieberiana* DC.

- A. nubeculosus deserticola* Descarpentries & Bruneau de Miré, 1963 {3}
- A. venosus* Gory & Laporte, 1839 {3}
- A. volof* Curletti, 1998 {3}

*Acacia sophorae* (Labill.) Court [Synonym of: *Acacia longifolia* ssp. *sophorae* (Labill.) Court]*Acacia spectabilis* Benth.

- A. australasiae* Gory & Laporte, 1839 {3}
- A. hypoleucus* Gory & Laporte, 1839 {2}

*Acacia spirocarpa* (A. Rich.) Brenan [Synonym of: *Acacia tortilis* ssp. *spirocarpa* (A. Rich.) Brenan]*Acacia tomentosa* Willd.

- A. javicola* Fisher, 1935 {1}

*Acacia tortilis* (Forssk.) Hayne

- A. andresi* Obenberger, 1920 {3}
- A. cupriventris* Gory & Laporte, 1839 {3}
- A. inexpectatus* Novak & Curletti, 2007 {3}

- A. myops* Curletti, 1998 {1}
- A. pediculus pediculus* Curletti, 1999 {3}
- A. sexguttatus sexguttatus* (Thunberg, 1789) {1}
- A. somalus* Curletti, 1998 {3}

*Acacia tortilis* ssp. *raddiana* (Savi) Brenan

- A. desertus* (Klug, 1829) {3}
- A. discoloriformis* Obenberger, 1920 {1}
- A. lituratus* (Klug, 1829) {3}
- A. nubeculosus deserticola* Descarpentries & Bruneau de Miré, 1963 {3}
- A. nubeculosus nubeculosus* Fairmaire, 1891 {2}
- A. purpuratus* (Klug, 1829) {3}
- A. sahelicus* Curletti, 1998 {3}
- A. tarae* Bellamy, 1999 {3}
- A. uromastix* Curletti & Magnani, 2006 {3}
- A. venosus* Gory & Laporte, 1839 {3}

*Acacia tortilis* ssp. *spirocarpa* (A. Rich.) Brenan

- A. canaliculatus* Kerremans, 1898 {1}
- A. krantzi* Kerremans, 1911 {1}

*Adenocarpus anagyriifolius* Cosson & Balansa (1873)

- A. gregori* Obenberger, 1936 {3}
- A. mogadoricus talboti* Théry, 1930 {3}

*Adenocarpus complicatus* (L.) Gay

- A. uhagoni* Abeille de Perrin, 1897 {1}

*Albizia*

- A. albizziae* Fisher, 1935 {3}
- A. bonvouloirii* Murray, 1868 {3}
- A. gestroi* Kerremans, 1906 {1}
- A. hastulatus* Fähræus, 1851 {1}
- A. maddalena* Curletti, 1998 {1}
- A. rhopalocerus* Pochon, 1972 {1}
- A. roscidinus* Obenberger, 1923 {1}
- A. seiunctus* Curletti & Dutto, 1999 {3}

*Albizia adianthifolia* (Schum.) W. Wight

- A. grandis* Gory & Laporte, 1839 {1}

*Albizia adinocephala* (Donn. Sm.) Record

- A. adinocephalus* Curletti, 2005 {1}



*Albizia amara* (Roxb.) B. Boivin*A. grandis* Gory & Laporte, 1839 {1}*Albizia amara* ssp. *sericocephala* (Benth.) Brenan*A. grandis* Gory & Laporte, 1839 {1}*Albizia brevifolia* Schinz*A. mashunus* Péringuey, 1908 {1}*Albizia chinensis* (Osbeck) Merr.*Albizia gummifera* (J. F. Gmel.) C. A. Sm.*A. antennalis* Descarpentries, 1959 {3}*Albizia julibrissin* Durazz.*A. quadriguttatus quadriguttatus* Gory, 1841 {1}*A. subrobustus* Saunders, 1873 {3}*Albizia lebbek* (L.) Benth.*A. albizziae* Fisher, 1935 {3}*A. brevicornis* Guérin, 1840 {1}*Albizia occidentalis* Brandegee [Synonym of: *Hesperalbizia occidentalis* (Brandegee) Barneby & J. W. Grime]*Albizia procera* (Roxb.) Benth.*Albizia saman* (Jacq.) Merr.*A. incongruellus* Obenberger, 1935 {1}*Albizia sericocephala* (Benth.) Brenan [Synonym of: *Albizia amara* ssp. *sericocephala* (Benth.) Brenan]*Albizia stipulata* B. Boivin [Synonym of: *Albizia chinensis* (Osbeck) Merr.]*Albizia zygia* (DC.) J. F. Macbr.*A. bonvouloirii* Murray, 1868 {2}*A. francottei* Curletti, 1997 {1}*A. gestroi* Kerremans, 1906 {1}*A. harmodius harmodius* Obenberger, 1935 {1}*A. hastulatus* Fåhræus, 1851 {1}*A. pachycerus* Pochon, 1972 {3}*A. roscidinus* Obenberger, 1923 {1}*A. saucius* Curletti, 2002 {1}*A. teocchii* Curletti, 1998 {3}*Amorpha fruticosa* L.*A. parvus californicus* Westcott & Nelson, 2000 {2}*A. parvus parvus* Saunders, 1870 {2}

*Amorpha fruticosa* var. *occidentalis* (Abrams) Kearney & Peebles [Synonym of:  
*Amorpha fruticosa* L.]

*Archidendron clypearia* (Jack) I. C. Nielsen

*A. ornatus* Deyrolle, 1864 {1}

*Astragalus*

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Astragalus ammodendron* Bunge

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Astragalus paucijugus* Schrenk

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Bauhinia abyssinica* A. Rich.

*A. bauhiniae* Fisher, 1935 {3}

*Bauhinia vahlii* Wight & Arn.

*A. mixtus* Kerremans, 1892 {3}

*Brachystegia*

*A. hehe* Curletti & Dutto, 1999 {3}

*Butea frondosa* Roxb. [Synonym of: *Butea monosperma* (Lam.) Taub.]

*Butea monosperma* (Lam.) Taub.

*Caesalpinia*

*A. ivetteae* Curletti, 2010 {1}

*Caesalpinia konzattii* (Rose) Standl. [Synonym of: *Caesalpinia exostemma* ssp.  
*exostemma* DC.]

*Caesalpinia eriostachys* Benth.

*A. caesalpiniae* Hespenheide, 1990 {3}

*Caesalpinia exostemma* ssp. *exostemma* DC.

*A. vandenberghai* Westcott & Hespenheide, 2006 {3}

*Caesalpinia sclerocarpa* Standl.

*A. caesalpiniae* Hespenheide, 1990 {3}

*Calicotome spinosa* (L.) Link

*A. antiquus antiquus* Mulsant & Rey, 1863 {3}

*Calliandra californica* Benth.

*A. paraimpexus* Hespenheide, 2007 {1}

*Calliandra humilis* Benth.

- A. impexus* Horn, 1891 {0}
- A. mimosae* Fisher, 1928 {1}
- A. paraimpexus* Hespenheide, 2007 {1}

*Caragana*

- A. alashanensis* Obenberger, 1936 {3}
- A. constantini* Obenberger, 1927 {3}
- A. moerens* Saunders, 1873 {0}
- A. pseudosericans* Obenberger, 1936 {1}
- A. ulaangomiensis* Cobos, 1972 {3}

*Caragana arborescens* Lam.

- A. constantini* Obenberger, 1927 {3}
- A. macroderus* Abeille de Perrin, 1897 {0}
- A. pseudoconstantini* Alexeev, 1981 {1}

*Caragana frutex* (L.) K. Koch

- A. constantini* Obenberger, 1927 {3}

*Caragana leucophloea* Pojark.

- A. pseudolimoniastris* Cobos, 1968 {1}
- A. unguiculosus* Obenberger, 1936 {1}

*Caragana microphylla* Lam.

- A. pseudolimoniastris* Cobos, 1968 {1}

*Caragana pygmaea* (L.) DC.

- A. morawitzii* Obenberger, 1936 {1}

*Caragana spinosa* (L.) DC.

- A. pilosovittatus* Saunders, 1873 {1}

*Cassia*

- A. anthaxioides* Hespenheide, 2009 {1}
- A. carissimus* (Waterhouse, 1889) {1}
- A. chrysobothroides* Hespenheide, 2009 {1}
- A. crapulellus* Thomson, 1879 {1}
- A. obtusus* Horn, 1891 {3}

*Cassia armata* S. Watson [Synonym of: *Senna armata* (S. Watson) H. S. Irwin & Barneby]

*Cassia emarginata* L. [Synonym of: *Senna bicapsularis* (L.) Roxb.]

*Cassia lindheimeriana* Scheele [Synonym of: *Senna lindheimeriana* (Scheele) H. S. Irwin & Barneby]

*Cassia roemeriana* Scheele [Synonym of: *Senna roemeriana* (Scheele)  
H. S. Irwin & Barneby]

*Ceratonia*

*A. roscidus* Kiesenwetter, 1857 {0}

*Cercidium*

*A. barri* Hespenheide & Westcott, 2011 {1}

*A. peninsularis* Van Dyke, 1942 {1}

*Cercidium floridum* ssp. *floridum* A. Gray

*A. cercidii* Knull, 1937 {1}

*Cercidium microphyllum* (Torr.) Rose & I. M. Johnst.

*A. barri* Hespenheide & Westcott, 2011 {1}

*A. felix* Horn, 1891 {3}

*A. impexus* Horn, 1891 {0}

*A. paraimpexus* Hespenheide, 2007 {1}

*A. snowi* Fall, 1905 {1}

*Cercidium plurifoliolatum* Micheli [Synonym of: *Parkinsonia praecox* (Ruiz & Pav.) Hawkins]

*Cercidium torreyanum* (S. Watson) Sarg. [Synonym of: *Cercidium floridum*  
ssp. *floridum* A. Gray]

*Cercis canadensis* L.

*A. celti* Knull, 1920 {1}

*A. cliftoni* Knull, 1941 {1}

*A. masculinus* Horn, 1891 {3}

*A. otiosus* Say, 1833 {0}

*Cercis siliquastrum* L.

*A. viridicaerulans viridicaerulans* Marseul, 1868 {0}

*Chamaecytisus austriacus* (L.) [Synonym of: *Cytisus austriacus* L.]

*Cladrastis kentukea* (Dum. Cours.) Rudd

*A. cladrastis* Knull, 1945 {1}

*Cladrastis lutea* Raf. [Synonym of: *Cladrastis kentukea* (Dum. Cours.) Rudd]

*Colutea*

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Colutea buhsei* (Boiss.) Shap.

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Colutea gracilis* Freyn & Sint.

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Cytisophyllum sessilifolium* (L.) O. Lang

*A. antiquus croaticus* Abeille de Perrin, 1897 {2}

*Cytisus*

*A. antiquus croaticus* Abeille de Perrin, 1897 {3}

*A. cytisi* Baudi, 1870 {3}

*Cytisus alpinus* Mill. [Synonym of: *Laburnum alpinum* (Mill.) Bercht. & J. Presl]

*Cytisus austriacus* L.

*A. antiquus croaticus* Abeille de Perrin, 1897 {3}

*Cytisus balansae* (Boiss.) Ball

*A. mogadoricus mogadoricus* Escalera, 1914 {1}

*Cytisus balansae* ssp. *europaeus* (G. Lopez & C. E. Jarvis) Munoz Ga

*A. cinctus* (Olivier, 1790) {3}

*Cytisus laburnum* L. [Synonym of: *Laburnum anagyroides* Medik.]

*Cytisus nigricans* L. [Synonym of: *Lembotropis nigricans* (L.) Griseb.]

*Cytisus scoparius* (L.) Link

*A. antiquus antiquus* Mulsant & Rey, 1863 {3}

*A. antiquus croaticus* Abeille de Perrin, 1897 {3}

*A. cinctus* (Olivier, 1790) {3}

*Cytisus sessilifolius* L. [Synonym of: *Cytisophyllum sessilifolium* (L.) O. Lang]

*Cytisus triflorus* Lam.

*A. antiquus antiquus* Mulsant & Rey, 1863 {2}

*A. cytisi* Baudi, 1870 {3}

*Dalbergia*

*A. breuningi* Descarpentries & Villiers, 1963 {1}

*Dalbergia sissoo* DC.

*A. birmanicus* Kerremans, 1892 {3}

*A. cyanipennis* Gory & Laporte, 1839 {3}

*Dalea emoryi* A. Gray [Synonym of: *Psorothamnus emoryi* (A. Gray) Rydb.]

*Derris robusta* (DC.) Benth.

*A. derrisi* Théry, 1930 {3}

*Desmodium batocaulon* A. Gray*A. arizonicus* Obenberger, 1936 {1}*A. latifrons* Waterhouse, 1889 {1}*Dichrostachys cinerea* (L.) Wight & Arn.*A. guerryi* Obenberger, 1933 {1}*Dorycnium**A. albogularis albogularis* Gory, 1841 {0}*Dorycnium hirsutum* (L.) Ser.*A. paganettii* Obenberger, 1913 {3}*Ebenopsis confinis* (Standl.) Barneby & J. W. Grimes*A. peninsularis* Van Dyke, 1942 {1}*Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes*A. acaciae* Fisher, 1928 {1}*A. dollii* Schaeffer, 1904 {1}*A. pectoralis* Waterhouse, 1889 {3}*A. prosopidis* Fisher, 1928 {3}*Erythrina rubrinervia* Kunth*A. trypaniformis* Fisher, 1929 {1}*Eysenhardtia**A. collaris* (Waterhouse, 1889) {1}*Eysenhardtia polystachya* (Ortega) Sarg.*A. cyphothoracoides* Hespenheide, 2008 {1}*A. quadricostatus* Waterhouse, 1889 {1}*Genista**A. antiquus antiquus* Mulsant & Rey, 1863 {3}*A. antiquus croaticus* Abeille de Perrin, 1897 {3}*A. mogadoricus mogadoricus* Escalera, 1914 {1}*A. mogadoricus talboti* Théry, 1930 {3}*A. sperkii* Solsky, 1873 {3}*A. uhagoni* Abeille de Perrin, 1897 {1}*Genista aetnensis* (Biv.) DC.*A. albomarginatus* Fiori, 1906 {3}

*Genista albida* Willd.

*A. scythicus* Królik & Janicki, 2005 {1}

*Genista cinerea* (Vill.) DC.

*A. antiquus antiquus* Mulsant & Rey, 1863 {3}

*A. cinctus* (Olivier, 1790) {3}

*Genista florida* L.

*A. mogadoricus talboti* Théry, 1930 {3}

*A. moriscus* Obenberger, 1913 {1}

*Genista hispanica* L.

*A. antiquus antiquus* Mulsant & Rey, 1863 {3}

*Genista purgans* (L.) DC. [Synonym of: *Cytisus balansae* ssp. *europaeus* (G. Lopez & C. E. Jarvis) Munoz Ga]*Genista scorpius* (L.) DC.

*A. antiquus antiquus* Mulsant & Rey, 1863 {3}

*A. cinctus* (Olivier, 1790) {3}

*A. grandiceps hemiphanes* Marseul, 1866 {0}

*Genista tinctoria* L.

*A. antiquus antiquus* Mulsant & Rey, 1863 {3}

*A. antiquus croaticus* Abeille de Perrin, 1897 {3}

*A. cinctus* (Olivier, 1790) {3}

*Gleditsia triacanthos* L.

*A. abductus* Horn, 1891 {1}

*A. carpini* Knull, 1923 {1}

*A. celti* Knull, 1920 {1}

*A. crinicornis* Horn, 1891 {3}

*A. difficilis* Gory, 1841 {3}

*A. egeniformis* Champlain & Knull, 1923 {3}

*A. fallax* Say, 1833 {3}

*A. impexus* Horn, 1891 {0}

*A. masculinus* Horn, 1891 {3}

*A. obsoletoguttatus* Gory, 1841 {3}

*A. paraimpexus* Hespenheide, 2007 {1}

*A. pseudofallax* Frost, 1923 {3}

*A. puncticeps* LeConte, 1860 {1}

*A. putillus putillus* Say, 1833 {3}

*Gymnocladus dioica* (L.) K. Koch

*A. geminatus* (Say, 1823) {1}

*A. masculinus* Horn, 1891 {1}

- A. paracelti* Knull, 1972 {0}
- A. paramasculinus* Champlain & Knull, 1923 {3}
- A. subcinctus* Gory, 1841 {1}

*Haematoxylum brasiletto* H. Karst.

- A. aliciae* Bellamy, 2005 {1}

*Halimodendron halodendron* (Pall.) Voss

- A. constantini* Obenberger, 1927 {3}

*Havardia pallens* (Benth.) Britton & Rose

- A. lecontei celticola* Fisher, 1928 {3}

*Hesperalbizia occidentalis* (Brandege) Barneby & J. W. Grime

- A. olivaceocupreus* Hespeneheide, 1990 {1}

*Hoffmannseggia jamesii* Torr. & A. Gray [Synonym of: *Pomaria jamesii* (Torr. & A. Gray) Walp.]

*Indigofera*

- A. orothi* Baudon, 1965 {1}

*Indigofera galegoides* DC.

- A. muscarius* Kerremans, 1895 {1}

*Inga*

- A. jenningsi* Fisher, 1938 {1}
- A. paraimpexus* Hespeneheide, 2007 {1}

*Inga goldmanii* Pittier

- A. colonicus* Curletti, 2005 {1}
- A. peresoso* Curletti, 2005 {1}
- A. viridiaeris* Curletti, 2005 {1}

*Inga oerstediana* Benth.

- A. baili* Curletti, 2005 {1}
- A. basilaris* Waterhouse, 1889 {1}
- A. bothrops* Curletti, 2005 {1}
- A. colonicus* Curletti, 2005 {1}
- A. confusus* Waterhouse, 1889 {1}
- A. ingae* Curletti, 2005 {1}
- A. raventazonus* Fisher, 1929 {1}
- A. rufuscapitae* Curletti, 2005 {1}
- A. unus* Curletti, 2005 {1}
- A. viridiaeris* Curletti, 2005 {1}
- A. viridicephalus* Fisher, 1929 {1}



*Isoberlinia*

*A. solers* Curletti, 1997 {3}

*Isoberlinia tomentosa* (Harms) Craib & Stapf

*A. cristiano*i Curletti & Vayssières, 2007 {1}

*A. drumont*i Curletti & Vayssières, 2007 {1}

*A. finelle*i Curletti & Vayssières, 2007 {1}

*A. isoberliniae* Curletti & Vayssières, 2007 {1}

*Julbernardia pellegriniana* Troupin

*A. marcens* Obenberger, 1935 {1}

*Laburnum alpinum* (Mill.) Bercht. & J. Presl

*A. cytisi* Baudi, 1870 {3}

*Laburnum anagyroides* Medik.

*A. cytisi* Baudi, 1870 {3}

*Lembotropis nigricans* (L.) Griseb.

*A. antiquus croaticus* Abeille de Perrin, 1897 {2}

*Lespedeza*

*A. pekinensis pekinensis* Obenberger, 1924 {1}

*Leucaena*

*A. neoprosopidus* Knull, 1938 {3}

*Leucaena diversifolia* (Schltdl.) Benth.

*A. leucaenae* Hespenheide, 2009 {1}

*Leucaena esculenta* (DC.) Benth.

*A. leucaenae* Hespenheide, 2009 {1}

*Leucaena pulverulenta* (Schltdl.) Benth.

*A. acaciae* Fisher, 1928 {3}

*A. lecontei celticola* Fisher, 1928 {3}

*A. neoprosopidus* Knull, 1938 {3}

*A. prosopidis* Fisher, 1928 {3}

*Lonchocarpus*

*A. chamelae* Hespenheide, 1990 {1}

*A. detractus* Waterhouse, 1889 {1}

*Lotus nevadensis* (S. Watson) Greene [Synonym of: *Syrmatium decumbens* (Benth.) Greene]

*Lotus purshianus* (Benth.) F. Clements & E. Clements

*A. illectus* Fall, 1901 {1}

*Lotus rigidus* (Benth.) Greene [Synonym of: *Ottleya rigida* (Benth.) D. D. Sokoloff]

*Lotus scoparius* (Nutt.) Ottley [Synonym of: *Syrmatium glabrum* Vogel]

*Lysiloma*

*A. neoprosopidus* Knull, 1938 {3}

*Millettia*

*A. mixtus* Kerremans, 1892 {3}

*Mimosa*

*A. aeneocephalus* Fisher, 1928 {1}

*A. chiricahuae* Fisher, 1928 {1}

*A. chrysobothroides* Hespenheide, 2009 {1}

*A. divaricatus* Waterhouse, 1889 {1}

*A. funestus* Gory, 1841 {1}

*A. giesberti* Hespenheide, 2009 {1}

*A. rifkindi rifkindi* Hespenheide, 2009 {1}

*A. tacitus* Kerremans, 1894 {1}

*Mimosa aculeaticarpa* Ortega

*A. paraimpexus* Hespenheide, 2007 {1}

*Mimosa albida* Willd.

*A. paraimpexus* Hespenheide, 2007 {1}

*Mimosa arenosa* (Willd.) Poir.

*A. verityi* Hespenheide, 1990 {1}

*Mimosa biuncifera* Benth. [Synonym of: *Mimosa aculeaticarpa* Ortega]

*Mimosa borealis* A. Gray

*A. mimosae* Fisher, 1928 {1}

*Mimosa dysocarpa* A. Gray

*A. aeneocephalus* Fisher, 1928 {1}

*A. paraimpexus* Hespenheide, 2007 {1}

*Mimosa grahamii* A. Gray

*A. aeneocephalus* Fisher, 1928 {1}

*A. mimosae* Fisher, 1928 {1}

*Mimosa molis* Benth.

*A. paraimpexus* Hespenheide, 2007 {1}

*Mimosa xanti* A. Gray

*A. paraimpexus* Hespenheide, 2007 {1}

*A. peninsularis* Van Dyke, 1942 {1}

*Mucuna sloanei* Fawc. & Rendle

*A. trames* Curletti & Brûlé, 2013 {1}

*Olneya tesota* A. Gray

*A. abstersus* Horn, 1891 {1}

*A. impexus* Horn, 1891 {0}

*A. paraimpexus* Hespenheide, 2007 {1}

*A. peninsularis* Van Dyke, 1942 {1}

*Ottleya rigida* (Benth.) D. D. Sokoloff

*A. illectus* Fall, 1901 {1}

*Paraberlinia bifoliolata* Pellegr. [Synonym of: *Julbernardia pellegriniana* Troupin]*Parkia biglobosa* (Jacq.) G. Don

*A. delmastrellus* Curletti & Vayssières, 2007 {1}

*A. giorgiae* Curletti, 2004 {3}

*A. goergeni* Curletti & Vayssières, 2007 {1}

*A. nigeriae* Obenberger, 1935 {3}

*A. solers* Curletti, 1997 {3}

*Parkinsonia aculeata* L.

*A. parkinsoniae* Hespenheide, 2009 {1}

*A. pectoralis* Waterhouse, 1889 {3}

*A. prosopidis* Fisher, 1928 {3}

*Parkinsonia microphylla* Torr. [Synonym of: *Cercidium microphyllum* (Torr.)

Rose & I. M. Johnst.]

*Parkinsonia praecox* (Ruiz & Pav.) Hawkins

*A. umactli* Fisher, 1938 {1}

*Pithecellobium*

*A. eleanorae* Fisher, 1928 {1}

*A. perlisensis* Fisher, 1936 {1}

*Pithecellobium clypearia* (Jack) Benth. [Synonym of: *Archidendron clypearia*

(Jack) I. C. Nielsen]

*Pithecellobium dulce* (Roxb.) Benth.

*A. paraimpexus* Hespenheide, 2007 {1}

*Pithecellobium ebano* (Berland.) C. H. Mull. [Synonym of: *Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes]

*Pithecellobium flexicaule* (Benth.) J. M. Coult. [Synonym of: *Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes]

*Pithecellobium pallens* (Benth.) Standl. [Synonym of: *Havardia pallens* (Benth.) Britton & Rose]

*Plathymenia foliolosa* Benth.

*A. disorientatus* Curletti, Ribeiro & Migliore, 2013 {3}

*Pomaria jamesii* (Torr. & A. Gray) Walp.

*A. paraimpexus* Hespeneheide, 2007 {3}

*Pongamia pinnata* (L.) Pierre

*A. okinawensis okinawensis* Miwa, 1933 {3}

*Prosopis*

*A. acaciae* Fisher, 1928 {3}

*A. addendus* Crotch, 1873 {1}

*A. cercidii* Knull, 1937 {1}

*A. clytrinoidea* Bellamy & Hespeneheide, 2002 {1}

*A. illectus* Fall, 1901 {1}

*A. montosae* Barr, 2008 {1}

*Prosopis chilensis* (Molina) Stuntz

*A. wenzeli* Knull, 1934 {1}

*Prosopis glandulosa* Torr.

*A. acaciae* Fisher, 1928 {3}

*A. fisherellus* Obenberger, 1936 {1}

*A. gibbicollis* Fall, 1901 {1}

*A. hespenheidei* Nelson, 1991 {1}

*A. impexus* Horn, 1891 {0}

*A. paraimpexus* Hespeneheide, 2007 {1}

*A. pectoralis* Waterhouse, 1889 {3}

*A. peninsularis* Van Dyke, 1942 {1}

*A. prosopidis* Fisher, 1928 {1}

*A. viridescens* Knull, 1935 {3}

*Prosopis glandulosa* var. *torreyana* (L. D. Benson) M. C. Johnst.

*A. abstersus* Horn, 1891 {1}

*A. barri* Hespeneheide & Westcott, 2011 {1}

*A. felix* Horn, 1891 {1}

*A. hualpaii* Knull, 1939 {1}

*A. interstitialis* Hespeneheide & Westcott, 2011 {1}

- A. paraimpexus* Hespenheide, 2007 {1}
- A. pectoralis* Waterhouse, 1889 {3}
- A. vescivittatus* Hespenheide & Westcott, 2011 {1}

*Prosopis juliflora* (Sw.) DC.

- A. abstersus* Horn, 1891 {1}
- A. addendus* Crotch, 1873 {1}
- A. cupreonitens* Fisher, 1928 {1}
- A. felix* Horn, 1891 {1}
- A. impexus* Horn, 1891 {0}
- A. paraimpexus* Hespenheide, 2007 {1}
- A. pectoralis* Waterhouse, 1889 {2}
- A. prosopidis* Fisher, 1928 {1}
- A. pubescens* Fisher, 1928 {1}
- A. viridescens* Knull, 1935 {2}

*Prosopis laevigata* (Willd.) M. C. Johnst.

- A. detractus* Waterhouse, 1889 {1}
- A. paraimpexus* Hespenheide, 2007 {1}

*Pseudosophora alopecuroides* (L.) Sweet [Synonym of: *Sophora alopecuroides* L.]  
*Psorothamnus emoryi* (A. Gray) Rydb.

- A. felix* Horn, 1891 {1}

*Pterocarpus indicus* Willd.

- A. ornatus* Deyrolle, 1864 {1}

*Pterocarpus macrocarpus* Kurz

- A. bonnottei* Bourgoïn, 1925 {1}
- A. dianthus* Kerremans, 1892 {1}
- A. pouesseli* Baudon, 1960 {1}
- A. weyersi* Kerremans, 1900 {1}

*Pueraria montana* var. *lobata* (Willd.) Sanjappa & Pradeep

- A. chujoi* Kurosawa, 1985 {3}
- A. tazoei* Kurosawa, 1985 {1}

*Pueraria thunbergiana* (Siebold & Zucc.) Benth. [Synonym of: *Pueraria montana*  
var. *lobata* (Willd.) Sanjappa & Pradeep]*Pueraria tuberosa* (Willd.) DC.

- A. mixtus* Kerremans, 1892 {3}

*Retama*

- A. moriscus* Obenberger, 1913 {1}

*Retama dasycarpa* Coss.

*A. mogadoricus mogadoricus* Escalera, 1914 {1}

*Retama sphaerocarpa* (L.) Boiss.

*A. antiquus antiquus* Mulsant & Rey, 1863 {1}

*A. moriscus* Obenberger, 1913 {1}

*Robinia neomexicana* A. Gray

*A. barberi* Fisher, 1928 {3}

*A. egenus* Gory, 1841 {3}

*Robinia pseudoacacia* L.

*A. egeniformis* Champlain & Knull, 1923 {1}

*A. egenus* Gory, 1841 {3}

*A. imbellis* Crotch, 1873 {0}

*A. impexus* Horn, 1891 {0}

*A. otiosus* Say, 1833 {0}

*A. paraimpexus* Hespenheide, 2007 {1}

*A. politus* (Say, 1825) {0}

*Samanea saman* (Jacq.) Merr. [Synonym of: *Albizia saman* (Jacq.) Merr.]*Sarothamnus*

*A. cinctus* (Olivier, 1790) {3}

*A. uhagoni* Abeille de Perrin, 1897 {1}

*Sarothamnus scoparius* (L.) W. D. J. Koch [Synonym of: *Cytisus scoparius* (L.) Link]*Sarothamnus vulgaris* Wimm. [Synonym of: *Cytisus scoparius* (L.) Link]*Senna armata* (S. Watson) H. S. Irwin & Barneby

*A. inhabilis chalcogaster* Van Dyke, 1946 {1}

*A. inhabilis inhabilis* Kerremans, 1900 {1}

*Senna bicapsularis* (L.) Roxb.

*A. centralis* Waterhouse, 1889 {1}

*Senna chrysoarpa* (Desv.) H. S. Irwin & Barneby

*A. bifidus* Curletti & Brûlé, 2014 {1}

*Senna lindheimeriana* (Scheele) H. S. Irwin & Barneby

*A. obtusus* Horn, 1891 {3}

*Senna obtusifolia* (L.) H. S. Irwin & Barneby

*A. oceanicus* Cobos, 1959 {1}

*Senna polyantha* (Collad.) H. S. Irwin & Barneby

*A. chrysobothroides* Hespenheide, 2009 {1}

*Senna quinquangulata* (Rich.) H. S. Irwin & Barneby

*A. piscis* Gory, 1841 {1}

*Senna roemeriana* (Scheele) H. S. Irwin & Barneby

*A. obtusus* Horn, 1891 {3}

*Senna wislizeni* (A. Gray) H. S. Irwin & Barneby

*A. anthaxioides* Hespenheide, 2009 {1}

*Sophora alopecuroides* L.

*A. vaginalis vaginalis* Abeille de Perrin, 1897 {3}

*Spartium*

*A. cinctus* (Olivier, 1790) {3}

*Spartium junceum* L.

*A. albogularis albogularis* Gory, 1841 {0}

*A. albomarginatus* Fiori, 1906 {3}

*A. cinctus* (Olivier, 1790) {3}

*Spartium scoparium* L. [Synonym of: *Cytisus scoparius* (L.) Link]

*Syrmatium decumbens* (Benth.) Greene

*A. illectus* Fall, 1901 {1}

*Syrmatium glabrum* Vogel

*A. illectus* Fall, 1901 {1}

*Tamarindus*

*A. caepa* Curletti & Dutto, 1999 {3}

*Tamarindus indica* L.

*A. tardulus* Obenberger, 1924 {1}

*Ulex*

*A. antiquus antiquus* Mulsant & Rey, 1863 {1}

*A. uhagoni* Abeille de Perrin, 1897 {1}

*Wisteria*

*A. pilosovittatus* Saunders, 1873 {3}

*Wisteria floribunda* (Willd.) DC.

*A. tazoei* Kurosawa, 1985 {1}

*Wisteria sinensis* (Sims) Sweet

*A. pilosovittatus* Saunders, 1873 {3}

*Xylia dolabriformis* Benth. [Synonym of: *Xylia xylocarpa* (Roxb.) Taub.]

*Xylia xylocarpa* (Roxb.) Taub.

*A. salweenensis* Stebbing, 1914 {3}

### ***Loasaceae***

*Mentzelia nuda* (Pursh) Torr. & A. Gray [Synonym of: *Nuttallia nuda* (Pursh) Greene]

*Nuttallia nuda* (Pursh) Greene

*A. aureus* Chevrolat, 1838 {1}

### ***Loganiaceae***

*Buddleia cordata* Kunth

*A. sulcatulus* Chevrolat, 1835 {1}

### ***Loranthaceae***

*Loranthus europaeus* Jacq.

*A. convexifrons* Kiesenwetter, 1857 {1}

*A. kubani* Bílý, 1991 {3}

*A. roscidus* Kiesenwetter, 1857 {0}

### ***Lythraceae***

*Lagerstroemia cochinchinensis* Pierre

*A. ornatus* Deyrolle, 1864 {1}

*Lagerstroemia parviflora* Roxb.

*A. aurociliatus* Théry, 1904 {3}

*Punica granatum* L.

*A. roscidus* Kiesenwetter, 1857 {0}



***Malpighiaceae****Malpighia glabra* L.*A. toxotes* Obenberger, 1935 {1}***Malvaceae****Abelmoschus**A. acutus* (Thunberg, 1787) {3}*A. dianthus* Kerremans, 1892 {1}*Abelmoschus esculentus* (L.) Moench*A. acutus* (Thunberg, 1787) {3}*Actinophora fragrans* Wall. ex R. Br. [Synonym of: *Schoutenia ovata* Korth.]*Byttneria aculeata* (Jacq.) Jacq.*A. xanthonotus* Waterhouse, 1889 {3}*Callirhoe involucrata* (Torr. & A. Gray) A. Gray*A. muticus* LeConte, 1858 {1}*Corchorus olitorius* L.*A. acutus* (Thunberg, 1787) {3}*A. dianthus* Kerremans, 1892 {1}*Grewia eriocarpa* Juss.*Grewia tiliifolia* Vahl*A. aurociliatus* Théry, 1904 {3}*A. viridifrons* Kerremans, 1893 {3}*Grewia vestita* Wall. ex Brandis [Synonym of: *Grewia eriocarpa* Juss.]*Heritiera actinophylla* (F. M. Bailey) Kosterm.*A. decupratus* Curletti, 2001 {3}*A. frenchi* Blackburn, 1891 {3}*Hibiscus**A. dianthus* Kerremans, 1892 {1}*A. indignus* Fairmaire, 1849 {3}*A. okinawensis shiozakii* Tôyama, 1985 {3}*Hibiscus acetosella* Welw. ex Hiern*A. acutus* (Thunberg, 1787) {3}

*Hibiscus arnottianus* A. Gray

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus cannabinus* L.

*A. acutus* (Thunberg, 1787) {3}

*A. setipes* Chevrolat, 1838 {3}

*Hibiscus esculentus* L. [Synonym of: *Abelmoschus esculentus* (L.) Moench]*Hibiscus laevis* Scop.

*A. concinnus* Horn, 1891 {3}

*Hibiscus lasiocarpus* Cav.

*A. concinnus* Horn, 1891 {2}

*Hibiscus micranthus* L. f.

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus militaris* Cav.

*A. concinnus* Horn, 1891 {2}

*Hibiscus moscheutos* ssp. *lasiocarpus* Cav. [Synonym of: *Hibiscus lasiocarpus* Cav.]*Hibiscus mutabilis* L.

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus platanifolius* (Willd.) Sweet

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus radiatus* Cav.

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus rosa-sinensis* L.

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus sabdariffa* L.

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus telfziriae* G. Don ex Maund & Hensl.

*A. acutus* (Thunberg, 1787) {3}

*Hibiscus tiliaceus* L.

*A. carinihumeralis* Kurosawa, 1964 {1}

*A. indignus* Fairmaire, 1849 {3}

*Kydia calycina* Roxb.

*Luehea seemannii* Triana & Planch

*A. metropolitanus* Curletti, 2005 {1}

*Malachra capitata* (L.) L.

*A. acutus* (Thunberg, 1787) {3}

*Malvastrum coccineum* (Nutt.) A. Gray

*A. malvastri* Fisher, 1928 {1}

*Pterospermum acerifolium* (L.) Willd.

*Schoutenia ovata* Korth.

*A. kalshoveni* Obenberger, 1931 {3}

*Sphaeralcea*

*A. aureus* Chevrolat, 1838 {1}

*A. felix* Horn, 1891 {1}

*A. malvastri* Fisher, 1928 {1}

*A. pulchellus* Bland, 1865 {1}

*Sphaeralcea ambigua* A.Gray

*A. felix* Horn, 1891 {1}

*Sphaeralcea angustifolia* (Cav.) G. Don

*A. aureus* Chevrolat, 1838 {1}

*Sphaeralcea rusbyi* var. *eremicola* (Jeps.) Kearney

*A. felix* Horn, 1891 {1}

*Sterculia lanceolata* Cav.

*A. inops* Kerremans, 1892 {1}

*Sterculia pexa* Pierre

*A. auripilis* Deyrolle, 1864 {1}

*Tilia*

*A. auricollis* Kiesenwetter, 1857 {3}

*A. biguttatus* (Fabricius, 1777) {0}

*A. fallax* Say, 1833 {1}

*A. laticornis* (Illiger, 1803) {0}

*A. rosei* Niehuis & Bernhard, 2005 {1}

*A. subcinctus* Gory, 1841 {1}

*A. viridis* (Linné, 1758) {3}

*Tilia cordata* Mill.*A. auricollis* Kiesenwetter, 1857 {3}*A. viridis* (Linné, 1758) {3}*Tilia parvifolia* Ehrh. ex Hoffm. [Synonym of: *Tilia cordata* Mill.]*Tilia platyphyllos* Scop.*A. auricollis* Kiesenwetter, 1857 {3}*Triplochiton scleroxylon* K. Schum.*A. pacatus* Kerremans, 1913 {3}*A. thurei* Curletti, 1996 {1}*Urena**A. acutus* (Thunberg, 1787) {3}*A. dianthus* Kerremans, 1892 {1}*Urena lobata* L.*A. acutus* (Thunberg, 1787) {3}*Waltheria americana* L. [Synonym of: *Waltheria indica* L.]*Waltheria indica* L.*A. pilosellus* Thomson, 1878 {1}***Meliaceae****Melia azedarach* var. *japonica* (G. Don)*A. suzukii* Kurosawa, 1985 {3}*Melia azederach* L.*A. suzukii* Kurosawa, 1985 {3}***Moraceae****Artocarpus lakoocha* Roxb.*Castilla elastica* Cerv.*A. grandinatus* Curletti, 2010 {1}*Ficus**A. auricollis* Kiesenwetter, 1857 {3}

*Ficus carica* L.

*A. obscuricollis* Kiesenwetter, 1857 {2}

*A. roscidus* Kiesenwetter, 1857 {0}

*Ficus glomerata* Roxb. [Synonym of: *Ficus racemosa* L.]

*Ficus racemosa* L.

*Ficus religiosa* L.

*A. navarrei* Baudon, 1965 {1}

*Ficus thunbergii* Maxim.

*A. uenoi* Kurosawa, 1963 {1}

*Maclura tinctoria* (L.) D. Don ex Steud.

*A. yvesi* Curletti, 2005 {1}

*Morus*

*A. komareki komareki* Obenberger, 1926 {1}

*Morus alba* L.

*A. komareki komareki* Obenberger, 1926 {1}

*Morus bombycis* Koidz. [Synonym of: *Morus alba* L.]

***Myricaceae***

*Comptonia peregrina* (L.) Coult.

*A. sayi* Saunders, 1870 {3}

*Myrica caroliniensis* Mill.

*A. sayi* Saunders, 1870 {3}

*Myrica gale* L.

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*A. viridis* (Linné, 1758) {3}

*Myrica pensylvanica* Mirb.

*A. sayi* Saunders, 1870 {2}

***Myrtaceae***

*Eucalyptus deglupta* Blume

*A. opulentus* Kerremans, 1900 {3}

*A. sexsignatus* Fisher, 1921 {3}

*Eucalyptus fasciculosa* F. Muell.*A. assimilis assimilis* Hope, 1846 {1}*Eucalyptus paniculata* Sm.*A. deauratus* MacLeay, 1872 {3}*Leptospermum**A. echidna* Curletti, 2001 {3}*A. hypoleucus* Gory & Laporte, 1839 {1}*Syzygium**A. opulentus* Kerremans, 1900 {3}***Nitrariaceae****Nitraria**A. aerosus* Ganglbauer, 1889 {1}*A. ecarinatus* Marseul, 1866 {1}*A. przewalskii* Obenberger, 1936 {1}***Nyctaginaceae****Allionia incarnata* L.*A. pulchellus* Bland, 1865 {1}*Boerhavia erecta* L.*A. pulchellus* Bland, 1865 {1}*A. rubrovittatus* (Waterhouse, 1889) {1}***Oleaceae****Forestiera pubescens* Nutt.*A. audax* Horn, 1891 {1}*Forestiera reticulata* Torr.*A. ornatulus* Horn, 1891 {3}

*Fraxinus*

- A. beauprei beauprei* Théry, 1930 {3}
- A. beauprei mourguesi* Schaefer, 1954 {3}
- A. convexicollis* Redtenbacher, 1847 {3}
- A. planipennis* Fairmaire, 1888 {3}
- A. roscidus* Kiesenwetter, 1857 {0}
- A. subcinctus* Gory, 1841 {3}
- A. viridis* (Linné, 1758) {0}

*Fraxinus americana* L.

- A. planipennis* Fairmaire, 1888 {3}
- A. subcinctus* Gory, 1841 {3}

*Fraxinus angustifolia* ssp. *oxycarpa* (Willd.) Franco & Roc

- A. beauprei mourguesi* Schaefer, 1954 {3}
- A. convexicollis* Redtenbacher, 1847 {3}

*Fraxinus chinensis* Roxb.

- A. planipennis* Fairmaire, 1888 {3}

*Fraxinus chinensis* ssp. *chinensis* Roxb.

- A. planipennis* Fairmaire, 1888 {3}

*Fraxinus chinensis* ssp. *rhynchophylla* (Hance) A. E. Murray

- A. planipennis* Fairmaire, 1888 {3}

*Fraxinus excelsior* L.

- A. beauprei mourguesi* Schaefer, 1954 {3}
- A. convexicollis* Redtenbacher, 1847 {3}
- A. planipennis* Fairmaire, 1888 {3}

*Fraxinus lanceolata* Borkh. [Synonym of: *Fraxinus pennsylvanica* Marshall]*Fraxinus mandshurica* Rupr.

- A. japanocarinatus* Ohmomo, 2002 {3}
- A. planipennis* Fairmaire, 1888 {3}

*Fraxinus nigra* Marshall

- A. planipennis* Fairmaire, 1888 {3}

*Fraxinus ornus* L.

- A. convexicollis* Redtenbacher, 1847 {3}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. graminis* Kiesenwetter, 1857 {0}

*Fraxinus oxyphylla* M. Bieb. [Synonym of: *Fraxinus angustifolia* ssp. *oxycarpa* (Willd.) Franco & Roc]

*Fraxinus pennsylvanica* Marshall

*A. planipennis* Fairmaire, 1888 {3}

*A. subcinctus* Gory, 1841 {3}

*Fraxinus pennsylvanica* var. *lanceolata* Borkh. [Synonym of: *Fraxinus pennsylvanica* Marshall]

*Fraxinus rhynchophylla* Hance [Synonym of: *Fraxinus chinensis* ssp. *rhynchophylla* (Hance) A. E. Murray]

*Fraxinus velutina* Torr.

*A. planipennis* Fairmaire, 1888 {3}

*Ligustrum*

*A. convexicollis* Redtenbacher, 1847 {3}

*A. laticornis* (Illiger, 1803) {0}

*A. subcinctus* Gory, 1841 {1}

*Ligustrum vulgare* L.

*A. convexicollis* Redtenbacher, 1847 {3}

*Olea*

*A. roscidus* Kiesenwetter, 1857 {0}

*Olea europaea* L.

*A. convexicollis* Redtenbacher, 1847 {1}

*Phillyrea latifolia* L.

*A. sylviae* Niehuis, 1992 {0}

*Syringa vulgaris* L.

*A. convexicollis* Redtenbacher, 1847 {3}

## ***Papaveraceae***

*Argemone glauca* (Nutt. ex Prain) Pope

*A. extraneus* Fisher, 1933 {1}

## ***Piperaceae***

*Piper reticulatum* L.

*A. metropolitanus* Curletti, 2005 {1}



***Platanaceae****Platanus*

*A. roscidus* Kiesenwetter, 1857 {0}

*Platanus occidentalis* L.

*A. cliftoni* Knull, 1941 {1}

*Platanus racemosa* var. *wrightii* (S. Watson) L. D. Benson

*A. chiricahuae* Fisher, 1928 {1}

*A. howdeni* Knull, 1957 {1}

*Platanus wrightii* S. Watson [Synonym of: *Platanus racemosa* var. *wrightii* (S. Watson) L. D. Benson]

***Plumbaginaceae****Limoniastrum guyonianum* Durieu ex Boiss.

*A. limoniastri* Bedel, 1886 {1}

***Poaceae****Andropogon hallii* Hack.

*A. hespenheidei* Nelson, 1991 {1}

*Muhlenbergia longiligula* Hitchc.

*A. rubrovittatus* (Waterhouse, 1889) {1}

*Zea*

*A. furcillatus* Chevrolat, 1834 {1}

***Polemoniaceae****Phlox*

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

***Polygonaceae****Atraphaxis*

*A. lopatini* Alexeev, 1964 {3}

*Eriogonum*

*A. blandus* Horn, 1891 {3}

*Eriogonum elongatum* Benth.

*A. blandus* Horn, 1891 {3}

*Eriogonum fasciculatum* Benth.

*A. blandus* Horn, 1891 {3}

*A. malvastri* Fisher, 1928 {1}

*Eriogonum umbellatum* ssp. *aridum* (Greene) S. Stokes [Synonym of: *Eriogonum umbellatum* var. *dichrocephalum* Gand.]

*Eriogonum umbellatum* var. *dichrocephalum* Gand.

*A. illectus* Fall, 1901 {1}

***Putranjivaceae***

*Drypetes australasica* (Müll. Arg.) Pax & K. Hoffm. [Synonym of: *Drypetes deplanchei* (Brongn. & Gris) Merr.]

*Drypetes deplanchei* (Brongn. & Gris) Merr.

*A. deauratus* MacLeay, 1872 {3}

*A. frenchi* Blackburn, 1891 {3}

***Ranunculaceae****Clematis tashiroi* Maxim.

*A. uenoi* Kurosawa, 1963 {1}

***Rhamnaceae****Colubrina arborescens* (Mill.) Sarg.

*A. squamulatus* Waterhouse, 1889 {1}

*Colubrina ferruginosa* Brongn. [Synonym of: *Colubrina arborescens* (Mill.) Sarg.]  
*Condalia*

*A. baboquivariae* Fisher, 1928 {1}

*Frangula alnus* Mill. [Synonym of: *Frangula dodonei* Ard.]  
*Frangula dodonei* Ard.

*A. roscidus* Kiesenwetter, 1857 {3}

*Gouania*

*A. jenningsi* Fisher, 1938 {1}

*Gouania lupuloides* (L.) Urb.

*A. hectori* Curletti, 2005 {1}

*Rhamnus*

*A. barberi* Fisher, 1928 {1}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}

*Rhamnus alaternus* L.

*A. roscidus* Kiesenwetter, 1857 {2}

*A. viridis* (Linné, 1758) {1}

*Rhamnus cathartica* L.

*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}

*A. roscidus* Kiesenwetter, 1857 {3}

*Rhamnus japonica* Maxim.

*A. friebi* Obenberger, 1922 {1}

*Ventilago calyculata* Tul. [Synonym of: *Ventilago denticulata* Willd.]  
*Ventilago denticulata* Willd.

*Ziziphus lotus* (L.) Lam.

*A. purpuratus* (Klug, 1829) {1}

*Ziziphus mucronata* Willd.

*A. sexguttatus sexguttatus* (Thunberg, 1789) {1}

## ***Rosaceae***

*Adenorachis arbutifolia* (L.) Nieuwl.

*A. vittaticollis* (Randall, 1838) {2}

*Amelanchier*

*A. vittaticollis* (Randall, 1838) {3}

*Amelanchier alnifolia* (Nutt.) P. Landry. [Synonym of: *Amelanchier sanguinea* var. *alnifolia* (Nutt.) P. Landry.]

*Amelanchier alnifolia* ssp. *florida* (Lindl.) Hultén

*A. amelanchieri* Knull, 1944 {3}

*Amelanchier arborea* (F. Michx.) Fernald

*A. acutipennis* Mannerheim, 1837 {1}

*A. vittaticollis* (Randall, 1838) {3}

*Amelanchier canadensis* (L.) Medik. [Synonym of: *Pyrus canadensis* (L.) Farw.]

*Amelanchier florida* Lindl. [Synonym of: *Amelanchier alnifolia* ssp. *florida* (Lindl.) Hultén]

*Amelanchier sanguinea* var. *alnifolia* (Nutt.) P. Landry.

*A. amelanchieri* Knull, 1944 {3}

*A. arbuti* Fisher, 1928 {0}

*A. crataegi* Frost, 1912 {3}

*A. vittaticollis* (Randall, 1838) {3}

*Amygdalus*

*A. roscidus* Kiesenwetter, 1857 {3}

*Amygdalus communis* L. [Synonym of: *Prunus amygdalus* Batsch]

*Armeniaca vulgaris* Lam. [Synonym of: *Prunus armeniaca* L.]

*Aruncus sylvester* Kostel. ex Maxim.

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*Bossekia odorata* (L.) Greene

*A. ruficollis* (Fabricius, 1787) {1}

*Cerasus avium* (L.) Moench

*A. roscidus* Kiesenwetter, 1857 {2}

*Cerasus mahaleb* (L.) Mill.

*A. roscidus* Kiesenwetter, 1857 {2}

*Cerasus vulgaris* Mill.

*A. macroderus* Abeille de Perrin, 1897 {3}

*Cotoneaster*

*A. sinuatus sinuatus* (Olivier, 1790) {1}

*A. viridicaerulans viridicaerulans* Marseul, 1868 {1}

*Crataegus*

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. anxius* Gory, 1841 {0}
- A. crataegi* Frost, 1912 {3}
- A. graecus* Obenberger, 1916 {0}
- A. margotanae* Novak, 2001 {3}
- A. mendax* Mannerheim, 1837 {0}
- A. politus* (Say, 1825) {0}
- A. roscidus* Kiesenwetter, 1857 {3}
- A. sinuatus sachalinensis* Obenberger, 1935 {3}
- A. sinuatus sinuatus* (Olivier, 1790) {3}
- A. sulcicollis* Lacordaire, 1835 {0}
- A. viridis* (Linné, 1758) {0}
- A. vittaticollis* (Randall, 1838) {3}

*Crataegus azarolus* L.

- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Crataegus columbiana* Howell

- A. crataegi* Frost, 1912 {2}

*Crataegus curvisepala* Lindm.

- A. cuprescens cuprescens* (Ménétriés, 1832) {0}
- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Crataegus douglasii* Lindl.

- A. amelanchieri* Knull, 1944 {1}
- A. crataegi* Frost, 1912 {3}
- A. vittaticollis* (Randall, 1838) {2}

*Crataegus laevigata* (Poir.) DC.

- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Crataegus maximowiczii* C. K. Schneid.

- A. sinuatus sachalinensis* Obenberger, 1935 {3}

*Crataegus monogyna* Jacq.

- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Crataegus oxyacantha* L. [Synonym of: *Crataegus curvisepala* Lindm.]

*Crataegus oxyacanthoides* Thuil. [Synonym of: *Crataegus laevigata* (Poir.) DC.]

*Crataegus viridis* L.

- A. fallax* Say, 1833 {1}

*Cydonia*

*A. sinuatus sinuatus* (Olivier, 1790) {2}

*Cydonia oblonga* Mill.

*A. roscidus* Kiesenwetter, 1857 {1}

*Cydonia vulgaris* Pers. [Synonym of: *Cydonia oblonga* Mill.]

*Filipendula ulmaria* (L.) Maxim.

*A. ater* (Linné, 1767) {0}

*Hulthemia*

*A. cuprescens cuprescens* (Ménétriés, 1832) {1}

*Malus*

*A. mali* Matsumura, 1924 {3}

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*A. vittaticollis* (Randall, 1838) {3}

*Malus communis* Poir. [Synonym of: *Malus pumila* Mill.]

*Malus domestica* Borkh.

*A. antiquus antiquus* Mulsant & Rey, 1863 {0}

*A. derasofasciatus* Lacordaire, 1835 {0}

*A. macroderus* Abeille de Perrin, 1897 {3}

*A. mali* Matsumura, 1924 {3}

*A. malicola* Rungs & Schaefer, 1948 {3}

*A. roscidus* Kiesenwetter, 1857 {3}

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*Malus pumila* Mill.

*A. mali* Matsumura, 1924 {2}

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*Malus sylvestris* Mill.

*A. antiquus antiquus* Mulsant & Rey, 1863 {0}

*A. roscidus* Kiesenwetter, 1857 {2}

*A. solieri solieri* Gory & Laporte, 1839 {1}

*Mespilus*

*A. roscidus* Kiesenwetter, 1857 {2}

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*Mespilus germanica* L.

*A. roscidus* Kiesenwetter, 1857 {2}

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*Padus grayana* (Maxim.) C. K. Schneid.

*A. sinuatus sachalinensis* Obenberger, 1935 {1}

*Persica vulgaris* Mill. [Synonym of: *Prunus persica* (L.) Batsch]

*Prunus*

*A. lituratus* (Klug, 1829) {0}

*A. macroderus* Abeille de Perrin, 1897 {3}

*A. olivicolor* Kiesenwetter, 1857 {0}

*A. paradiseus* Obenberger, 1924 {3}

*A. roscidus* Kiesenwetter, 1857 {3}

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*A. solieri solieri* Gory & Laporte, 1839 {1}

*Prunus amygdalus* Batsch

*A. macroderus* Abeille de Perrin, 1897 {2}

*A. margotanae* Novak, 2001 {3}

*A. pulvereus* Abeille de Perrin, 1895 {1}

*A. roscidus* Kiesenwetter, 1857 {3}

*Prunus armeniaca* L.

*A. macroderus* Abeille de Perrin, 1897 {3}

*A. roscidus* Kiesenwetter, 1857 {3}

*Prunus avium* (L.) L.

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. roscidus* Kiesenwetter, 1857 {2}

*Prunus cerasifera* Ehrh.

*A. macroderus* Abeille de Perrin, 1897 {3}

*Prunus cerasifera* ssp. *myrobalana* (L.) C. K. Schneid. [Synonym of: *Prunus cerasifera* Ehrh.]

*Prunus cerasus* L. [Synonym of: *Cerasus vulgaris* Mill.]

*Prunus cocomilia* Ten.

*A. roscidus* Kiesenwetter, 1857 {2}

*Prunus divaricata* Ledeb.

*A. sinuatus sinuatus* (Olivier, 1790) {3}

*Prunus domestica* L.

*A. macroderus* Abeille de Perrin, 1897 {3}

*A. roscidus* Kiesenwetter, 1857 {2}

*Prunus dulcis* (Mill.) D. A. Webb [Synonym of: *Prunus amygdalus* Batsch]

*Prunus grayana* Maxim. [Synonym of: *Padus grayana* (Maxim.) C. K. Schneid.]

*Prunus insititia* L.

- A. macroderus* Abeille de Perrin, 1897 {3}
- A. solieri solieri* Gory & Laporte, 1839 {1}

*Prunus mahaleb* L. [Synonym of: *Cerasus mahaleb* (L.) Mill.]*Prunus persica* (L.) Batsch

- A. addendus* Crotch, 1873 {0}
- A. roscidus* Kiesenwetter, 1857 {3}

*Prunus persica* (L.) Stokes

- A. macroderus* Abeille de Perrin, 1897 {3}
- A. pecirkai* Obenberger, 1916 {0}
- A. roscidus* Kiesenwetter, 1857 {3}

*Prunus spinosa* L.

- A. cuprescens cuprescens* (Ménétriés, 1832) {0}
- A. enriquei* Murria Beltrán & Murria Beltrán, 2007 {1}
- A. roscidus* Kiesenwetter, 1857 {2}

*Prunus virginiana* L.

- A. vittaticollis* (Randall, 1838) {0}

*Prunus yedoensis* Matsum.

- A. euonymi* Tôyama, 1985 {1}

*Pyrus*

- A. acutipennis* Mannerheim, 1837 {0}
- A. laticornis* (Illiger, 1803) {0}
- A. macroderus* Abeille de Perrin, 1897 {3}
- A. mali* Matsumura, 1924 {3}
- A. pratensis* (Ratzeburg, 1837) {0}
- A. roscidus* Kiesenwetter, 1857 {2}
- A. sinuatus sinuatus* (Olivier, 1790) {3}
- A. viridis* (Linné, 1758) {0}
- A. vittaticollis* (Randall, 1838) {3}

*Pyrus amygdaliformis* Vill.

- A. roscidus* Kiesenwetter, 1857 {2}
- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Pyrus arbutifolia* (L.) L. f. [Synonym of: *Adenorachis arbutifolia* (L.) Nieuwl.]*Pyrus canadensis* (L.) Farw.

- A. amelanchieri* Knull, 1944 {3}
- A. arcuatus* (Say, 1825) {0}
- A. vittaticollis* (Randall, 1838) {3}



*Pyrus communis* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. roscidus* Kiesenwetter, 1857 {2}
- A. sinuatus sinuatus* (Olivier, 1790) {3}
- A. vittaticollis* (Randall, 1838) {3}

*Pyrus coronaria* L. [Synonym of: *Sorbus coronaria* (L.) MacMill.]  
*Pyrus elaeagnifolia* Pall.

- A. roscidus* Kiesenwetter, 1857 {2}
- A. sinuatus sinuatus* (Olivier, 1790) {2}

*Pyrus malus* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. roscidus* Kiesenwetter, 1857 {2}
- A. vittaticollis* (Randall, 1838) {3}

*Pyrus pyraster* (L.) Du Roi

- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. sinuatus sinuatus* (Olivier, 1790) {3}
- A. viridis* (Linné, 1758) {0}

*Raphiolepis umbellata* (Thunb.) Makino

- A. shashamboe* Kurosawa, 1963 {1}

*Rosa*

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. convexicollis* Redtenbacher, 1847 {0}
- A. cuprescens chrysoderes* Abeille de Perrin, 1891 {3}
- A. cuprescens cuprescens* (Ménétriés, 1832) {3}
- A. derasofasciatus* Lacordaire, 1835 {0}
- A. mendax* Mannerheim, 1837 {0}
- A. pecirkai* Obenberger, 1916 {3}
- A. ribbei* Kiesenwetter, 1879 {0}
- A. roscidus* Kiesenwetter, 1857 {3}
- A. salicis* Frivaldszky, 1877 {0}
- A. solieri solieri* Gory & Laporte, 1839 {3}
- A. viridis* (Linné, 1758) {0}

*Rosa acicularis* Lindl.

- A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa agrestis* Savi

- A. solieri solieri* Gory & Laporte, 1839 {2}

*Rosa alpina* L.

*A. cuprescens cuprescens* (Ménétriés, 1832) {2}

*Rosa arkansana* Porter

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa blanda* Aiton

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa canina* L.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*A. hastulifer* (Ratzeburg, 1837) {0}

*A. mendax* Mannerheim, 1837 {0}

*A. roscidus* Kiesenwetter, 1857 {3}

*Rosa carolina* L.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*A. viridis* (Linné, 1758) {0}

*Rosa damascena* Mill.

*A. betuleti* (Ratzeburg, 1837) {0}

*A. cuprescens chrysoderes* Abeille de Perrin, 1891 {3}

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa hugonis* Hemsl.

*A. cuprescens cuprescens* (Ménétriés, 1832) {2}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}

*A. viridis* (Linné, 1758) {0}

*Rosa iliensis* Chrshan. [Synonym of: *Rosa silverhjelmmii* Schrenk]*Rosa jundzillii* Besser

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa laxa* Retz.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa multiflora* Thunb.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa nitida* Willd.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa nutkana* C. Presl

*A. politus* (Say, 1825) {0}

*Rosa nutkana* var. *hispida* Fernald [Synonym of: *Rosa spaldingii* var. *hispida* (Fernald) G. N. Jones]

*Rosa pimpinellifolia* L. [Synonym of: *Rosa spinosissima* L.]

*Rosa rubiginosa* L.

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*A. laticornis* (Illiger, 1803) {0}

*Rosa rubrifolia* Villars

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa rugosa* Thunb.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {3}

*A. viridis* (Linné, 1758) {0}

*Rosa silverhjelmsii* Schrenk

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa spaldingii* var. *hispida* (Fernald) G. N. Jones

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa spinosissima* L.

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*A. laticornis* (Illiger, 1803) {0}

*Rosa woodsii* Lindl.

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa woodsii* ssp. *ultramontana* (S. Watson) Roy L. Tay

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*Rosa woodsii* var. *ultramontana* (S. Watson) Jeps. [Synonym of: *Rosa woodsii* ssp. *ultramontana* (S. Watson) Roy L. Tay]

*Rubus*

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. crinicornis* Horn, 1891 {0}

*A. cuprescens chrysoderes* Abeille de Perrin, 1891 {3}

*A. cuprescens cuprescens* (Ménétriés, 1832) {3}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*A. hassani* Théry, 1930 {1}

*A. laticornis* (Illiger, 1803) {0}

- A. mendax* Mannerheim, 1837 {0}
- A. obscuricollis* Kiesenwetter, 1857 {0}
- A. roscidus* Kiesenwetter, 1857 {0}
- A. ruficollis* (Fabricius, 1787) {3}
- A. salicis* Frivaldszky, 1877 {0}
- A. solieri solieri* Gory & Laporte, 1839 {3}
- A. sulcicollis* Lacordaire, 1835 {0}
- A. viridicaerulans rubi* Schaefer, 1937 {3}
- A. viridicaerulans viridicaerulans* Marseul, 1868 {3}
- A. viridis* (Linné, 1758) {0}

*Rubus alceifolius* Poir.

- A. birmanicus* Kerremans, 1892 {0}

*Rubus caesius* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. cuprescens chrysoderes* Abeille de Perrin, 1891 {3}
- A. cuprescens cuprescens* (Ménétriés, 1832) {3}
- A. viridicaerulans rubi* Schaefer, 1937 {3}

*Rubus canadensis* L.

- A. ruficollis* (Fabricius, 1787) {3}

*Rubus corchorifolius* L. f.

- A. ruficollis* (Fabricius, 1787) {3}

*Rubus fruticosus* L.

- A. cuprescens cuprescens* (Ménétriés, 1832) {3}
- A. macroderus* Abeille de Perrin, 1897 {0}
- A. roscidus* Kiesenwetter, 1857 {0}
- A. ruficollis* (Fabricius, 1787) {3}
- A. solieri solieri* Gory & Laporte, 1839 {2}
- A. viridicaerulans rubi* Schaefer, 1937 {3}

*Rubus idaeus* L.

- A. cuprescens cuprescens* (Ménétriés, 1832) {3}
- A. integerrimus* (Ratzeburg, 1837) {0}
- A. ruficollis* (Fabricius, 1787) {3}
- A. sulcicollis* Lacordaire, 1835 {0}
- A. viridis* (Linné, 1758) {0}

*Rubus odoratus* L. [Synonym of: *Bossekia odorata* (L.) Greene]

*Rubus villosus* Thunb. [Synonym of: *Rubus corchorifolius* L. f.]

*Sorbaria*

- A. diversornatus* Jendek, 2011 {1}

*Sorbus*

- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. mendax* Mannerheim, 1837 {3}
- A. sinuatus sachalinensis* Obenberger, 1935 {2}
- A. sinuatus sinuatus* (Olivier, 1790) {3}
- A. vittaticollis* (Randall, 1838) {2}

*Sorbus alnifolia* (Siebold & Zucc.) C. Koch

- A. sinuatus sachalinensis* Obenberger, 1935 {2}

*Sorbus aria* Crantz

- A. roscidus* Kiesenwetter, 1857 {1}
- A. sinuatus sinuatus* (Olivier, 1790) {3}
- A. viridis* (Linné, 1758) {1}

*Sorbus aucuparia* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. mendax* Mannerheim, 1837 {3}
- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Sorbus commixta* Hedl.

- A. sinuatus sachalinensis* Obenberger, 1935 {2}

*Sorbus coronaria* (L.) MacMill.

- A. vittaticollis* (Randall, 1838) {3}

*Sorbus hardeggensis* Kovanda

- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Sorbus intermedia* (Ehrh.) Pers.

- A. sinuatus sinuatus* (Olivier, 1790) {3}

*Sorbus torminalis* (L.) Crantz

- A. mendax* Mannerheim, 1837 {2}
- A. viridis* (Linné, 1758) {1}

*Spiraea*

- A. unguiculosus* Obenberger, 1936 {1}

*Spiraea aruncus* L. [Synonym of: *Aruncus sylvester* Kostel. ex Maxim.]

*Spiraea ulmaria* (L.) [Synonym of: *Filipendula ulmaria* (L.) Maxim.]

**Rubiaceae**

*Bouvardia ternifolia* (Cav.) Schltldl.

*A. asperulus* Waterhouse, 1889 {1}

*Coffea*

*A. furcillatus* Chevrolat, 1834 {1}

*Coffea arabica* L.

*A. pujoli pujoli* Descarpentries, 1963 {3}

**Rutaceae**

*Chloroxylon swietenia* DC.

*A. rougeoti* Descarpentries & Villiers, 1963 {3}

*Citrofortunella microcarpa* (Bunge) Wijnands [Synonym of: *Citrus microcarpa* Bunge]

*Citrus*

*A. alesi* Obenberger, 1935 {3}

*A. auriventris* Saunders, 1873 {3}

*A. babai* Tôyama, 1988 {1}

*A. grisator* Kerremans, 1893 {3}

*A. inamoenus* Kerremans, 1892 {3}

*A. mediocris* Kerremans, 1900 {3}

*A. occipitalis* (Eschscholtz, 1822) {3}

*A. olivaceidorsis* Obenberger, 1917 {1}

*Citrus aurantiifolia* (Christm.) Swingle

*A. occipitalis* (Eschscholtz, 1822) {3}

*Citrus aurantium* L.

*A. grisator* Kerremans, 1893 {3}

*Citrus decumana* L. [Synonym of: *Citrus maxima* (Burm.) Osbeck]

*Citrus grandis* (L.) Osbeck [Synonym of: *Citrus maxima* (Burm.) Osbeck]

*Citrus maxima* (Burm.) Osbeck

*A. grisator* Kerremans, 1893 {3}

*A. occipitalis* (Eschscholtz, 1822) {3}

*Citrus microcarpa* Bunge

*A. occipitalis* (Eschscholtz, 1822) {3}

*A. tardulus* Obenberger, 1924 {1}

*A. vilis* Saunders, 1874 {3}

*Citrus sinensis* (L.) Osbeck

*A. occipitalis* (Eschscholtz, 1822) {3}

*Euodia meliifolia* (Hance ex Walp.) Benth. [Synonym of: *Tetradium glabrifolium* (Champ. ex Benth.) T. G. Hartley]

*Fagara ailanthoides* (Siebold & Zucc.) Engl.

*A. yamawakii* Kurosawa, 1957 {1}

*Fagara mantchurica* (Benn.) Honda

*A. yamawakii* Kurosawa, 1957 {1}

*Ptelea trifoliata* L.

*A. limpiae* Knull, 1941 {1}

*Tetradium glabrifolium* (Champ. ex Benth.) T. G. Hartley

*A. auroapicalis ishigakianus* Tôyama, 1985 {1}

*Thamnosma montana* Torr. & Frém.

*A. inhabilis chalcogaster* Van Dyke, 1946 {1}

*Xanthoxylum clavaherculis* L.

*A. difficilis* Gory, 1841 {3}

*Zanthoxylum*

*A. zanthoxylumi* Li Meng Lou, 1989 {3}

*Zanthoxylum bungeanum* Maxim.

*A. zanthoxylumi* Li Meng Lou, 1989 {3}

*Zanthoxylum clava-herculis* L.

*A. abductus* Horn, 1891 {1}

*Zanthoxylum fagara* (L.) Sarg.

*A. prosopidis* Fisher, 1928 {3}

**Salicaceae***Casearia sylvestris* Sw.

*A. lacordairei* Gory & Laporte, 1839 {1}

*Populus*

- A. acutipennis* Mannerheim, 1837 {1}
- A. angustulus angustulus* (Illiger, 1803) {0}
- A. anxius* Gory, 1841 {0}
- A. ater* (Linné, 1767) {3}
- A. auricollis* Kiesenwetter, 1857 {0}
- A. betuleti* (Ratzeburg, 1837) {0}
- A. biguttatus* (Fabricius, 1777) {0}
- A. convexicollis* Redtenbacher, 1847 {0}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. fleischeri* Obenberger, 1925 {3}
- A. ganglbaueri* Semenov, 1891 {3}
- A. granulatus liragus* Barter & Brown, 1949 {3}
- A. granulatus mojavei* Knull, 1952 {3}
- A. guerini* Lacordaire, 1835 {0}
- A. integerrimus* (Ratzeburg, 1837) {0}
- A. massanensis* Schaefer, 1955 {3}
- A. nevadensis* Horn, 1891 {1}
- A. perisi* Cobos, 1986 {0}
- A. pratensis* (Ratzeburg, 1837) {3}
- A. quadriguttatus niveiventris* Horn, 1891 {3}
- A. quadrisignatus* Marseul, 1866 {0}
- A. sachalinicola* Obenberger, 1940 {1}
- A. salicis* Frivaldszky, 1877 {0}
- A. sayi* Saunders, 1870 {0}
- A. subauratus amurensis* Obenberger, 1922 {2}
- A. subauratus subauratus* (Gebler, 1833) {3}
- A. suvorovi* Obenberger, 1935 {3}
- A. tschitscherini* Semenov, 1895 {2}
- A. viridis* (Linné, 1758) {0}
- A. voriseki* Jendek, 1995 {1}

*Populus alba* L.

- A. ater* (Linné, 1767) {3}
- A. horni* Kerremans, 1900 {3}
- A. massanensis* Schaefer, 1955 {3}
- A. pratensis* (Ratzeburg, 1837) {2}
- A. suvorovi* Obenberger, 1935 {3}
- A. viridis* (Linné, 1758) {0}

*Populus alba* var. *nivea* Aiton [Synonym of: *Populus nivea* Willd.]

*Populus alba* var. *pyramidalis* Bunge

- A. ater* (Linné, 1767) {3}
- A. suvorovi* Obenberger, 1935 {3}
- A. viridis* (Linné, 1758) {0}



*Populus angulata* Aiton [Synonym of: *Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall]

*Populus angulata* var. *missouriensis* A. Henry [Synonym of: *Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall]

*Populus ariana* Dode [Synonym of: *Populus euphratica* Olivier]

*Populus balsamifera* L.

*A. anxius* Gory, 1841 {0}

*A. ater* (Linné, 1767) {3}

*A. granulatus liragus* Barter & Brown, 1949 {3}

*A. subauratus subauratus* (Gebler, 1833) {3}

*A. suvorovi* Obenberger, 1935 {3}

*A. viridis* (Linné, 1758) {0}

*Populus bolleana* Lauche [Synonym of: *Populus alba* var. *pyramidalis* Bunge]

*Populus canadensis* Moench

*A. ater* (Linné, 1767) {3}

*A. pratensis* (Ratzeburg, 1837) {3}

*A. suvorovi* Obenberger, 1935 {3}

*A. viridis* (Linné, 1758) {0}

*Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall

*A. anxius* Gory, 1841 {0}

*A. granulatus granulatus* (Say, 1823) {3}

*A. granulatus liragus* Barter & Brown, 1949 {3}

*A. suvorovi* Obenberger, 1935 {3}

*Populus diversifolia* Schrenk [Synonym of: *Populus euphratica* Olivier]

*Populus euphratica* Olivier

*A. ganglbaueri* Semenov, 1891 {3}

*A. tschitscherini* Semenov, 1895 {2}

*Populus euramericana* Guinier [Synonym of: *Populus canadensis* Moench]

*Populus fremontii* S. Watson

*A. granulatus mojavei* Knull, 1952 {3}

*Populus grandidentata* Michx. [Synonym of: *Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D.]

*Populus italica* Moench [Synonym of: *Populus nigra* var. *italica* Koehne]

*Populus laurifolia* Ledeb.

*A. fleischeri* Obenberger, 1925 {3}

*Populus nigra* L.

*A. ater* (Linné, 1767) {3}

*A. granulatus granulatus* (Say, 1823) {3}

- A. massanensis* Schaefer, 1955 {3}
- A. pratensis* (Ratzeburg, 1837) {3}
- A. pulvereus* Abeille de Perrin, 1895 {1}
- A. subauratus subauratus* (Gebler, 1833) {3}
- A. suvorovi* Obenberger, 1935 {3}
- A. viridis* (Linné, 1758) {0}

*Populus nigra* ssp. *pyramidalis* Čelak [Synonym of: *Populus nigra* var. *italica* Koehne]

*Populus nigra* var. *italica* Koehne

- A. ater* (Linné, 1767) {3}
- A. granulatus granulatus* (Say, 1823) {3}
- A. granulatus populi* Fisher, 1928 {3}
- A. pratensis* (Ratzeburg, 1837) {3}
- A. quadriguttatus niveiventris* Horn, 1891 {3}
- A. suvorovi* Obenberger, 1935 {3}

*Populus nivea* Willd.

- A. proteus* Abeille de Perrin, 1893 {1}

*Populus pruinosa* Schrenk

- A. ganglbaueri* Semenov, 1891 {3}

*Populus sieboldii* Miq.

- A. fleischeri* Obenberger, 1925 {3}

*Populus suaveolens* Fisch.

- A. suvorovi* Obenberger, 1935 {3}
- A. viridis* (Linné, 1758) {0}

*Populus tremula* L.

- A. angustulus angustulus* (Illiger, 1803) {0}
- A. ater* (Linné, 1767) {3}
- A. guerini* Lacordaire, 1835 {0}
- A. horni* Kerremans, 1900 {3}
- A. integerrimus* (Ratzeburg, 1837) {0}
- A. pratensis* (Ratzeburg, 1837) {3}
- A. pseudocyanus* Kiesenwetter, 1857 {3}
- A. roscidus* Kiesenwetter, 1857 {0}
- A. subauratus subauratus* (Gebler, 1833) {3}
- A. suvorovi* Obenberger, 1935 {3}
- A. tschitscherini* Semenov, 1895 {2}
- A. viridis* (Linné, 1758) {0}

*Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D.

- A. anxius* Gory, 1841 {0}
- A. granulatus liragus* Barter & Brown, 1949 {3}
- A. horni* Kerremans, 1900 {3}
- A. pratensis* (Ratzeburg, 1837) {3}

*Populus tremuloides* Michx.

- A. anxius* Gory, 1841 {0}
- A. granulatus liragus* Barter & Brown, 1949 {3}
- A. horni* Kerremans, 1900 {3}
- A. nevadensis* Horn, 1891 {1}

*Populus trichocarpa* Torr. & A. Gray

- A. anxius* Gory, 1841 {0}
- A. granulatus granulatus* (Say, 1823) {3}
- A. granulatus liragus* Barter & Brown, 1949 {3}
- A. granulatus populi* Fisher, 1928 {3}
- A. nevadensis* Horn, 1891 {1}

*Salix*

- A. anxius* Gory, 1841 {0}
- A. ater* (Linné, 1767) {3}
- A. betuleti* (Ratzeburg, 1837) {0}
- A. criddlei* Frost, 1920 {3}
- A. cuprescens cuprescens* (Ménétriés, 1832) {0}
- A. cyanescens cyanescens* (Ratzeburg, 1837) {0}
- A. delphinensis* Abeille de Perrin, 1897 {1}
- A. difficilis* Gory, 1841 {0}
- A. egenus* Gory, 1841 {0}
- A. fisherianus* Knull, 1930 {3}
- A. fleischeri* Obenberger, 1925 {1}
- A. fulgens* LeConte, 1860 {0}
- A. granulatus granulatus* (Say, 1823) {1}
- A. guerini* Lacordaire, 1835 {3}
- A. integerrimus* (Ratzeburg, 1837) {1}
- A. komareki sapporoensis* Obenberger, 1935 {1}
- A. laticornis* (Illiger, 1803) {0}
- A. lineola lineola* Kiesenwetter, 1857 {3}
- A. lineola shamyl* Obenberger, 1922 {3}
- A. macroderus* Abeille de Perrin, 1897 {0}
- A. mendax* Mannerheim, 1837 {0}
- A. moerens* Saunders, 1873 {0}

- A. nipponigena* Obenberger, 1935 {1}
- A. obsoletoguttatus* Gory, 1841 {3}
- A. politus* (Say, 1825) {3}
- A. pratensis* (Ratzeburg, 1837) {1}
- A. proteus* Abeille de Perrin, 1893 {1}
- A. pseudocyanus* Kiesenwetter, 1857 {0}
- A. quadriguttatus niveiventris* Horn, 1891 {3}
- A. quadriguttatus quadriguttatus* Gory, 1841 {3}
- A. quadrisignatus* Marseul, 1866 {0}
- A. roscidus* Kiesenwetter, 1857 {1}
- A. ruficollis* (Fabricius, 1787) {0}
- A. salicis* Frivaldszky, 1877 {3}
- A. satoi* Kurosawa, 1954 {1}
- A. semiaurovittatus* Kurosawa, 1954 {1}
- A. sinuatus sinuatus* (Olivier, 1790) {0}
- A. spinipennis* Lewis, 1893 {0}
- A. subauratus amurensis* Obenberger, 1922 {2}
- A. subauratus subauratus* (Gebler, 1833) {3}
- A. subcuneiformis* Kurosawa, 1954 {1}
- A. sulcicollis* Lacordaire, 1835 {0}
- A. suvorovi* Obenberger, 1935 {0}
- A. tschitscherini* Semenov, 1895 {3}
- A. ventralis* Horn, 1891 {1}
- A. viridis* (Linné, 1758) {3}
- A. vittaticollis* (Randall, 1838) {0}
- A. voriseki* Jendek, 1995 {1}
- A. walsinghami* Crotch, 1873 {0}

*Salix acutifolia* Willd. [Synonym of: *Salix glauca* var. *acutifolia* (Hook.)  
C. K. Schneid.]

*Salix alba* L.

- A. ater* (Linné, 1767) {3}
- A. guerini* Lacordaire, 1835 {2}
- A. lineola lineola* Kiesenwetter, 1857 {3}
- A. massanensis* Schaefer, 1955 {2}
- A. roscidus* Kiesenwetter, 1857 {1}
- A. viridis* (Linné, 1758) {3}

*Salix amygdalina* L.

- A. salicis* Frivaldszky, 1877 {3}

*Salix angustifolia* Willd

- A. cuprescens cuprescens* (Ménétriés, 1832) {0}
- A. salicis* Frivaldszky, 1877 {2}

*Salix auriculata* Mill.

*A. viridis* (Linné, 1758) {2}

*Salix aurita* L.

*A. delphinensis* Abeille de Perrin, 1897 {1}

*A. guerini* Lacordaire, 1835 {3}

*A. laticornis* (Illiger, 1803) {0}

*A. salicis* Frivaldszky, 1877 {3}

*A. subauratus subauratus* (Gebler, 1833) {3}

*A. viridis* (Linné, 1758) {3}

*Salix aurita* ssp. *uliginosa* (Willd.) H. Passarge

*A. viridis* (Linné, 1758) {3}

*Salix babylonica* L.

*A. nipponigena* Obenberger, 1935 {1}

*A. politus* (Say, 1825) {3}

*Salix bakko* Kimura [Synonym of: *Salix caprea* L.]*Salix bebbiana* Sarg.

*A. criddlei* Frost, 1920 {3}

*Salix caprea* L.

*A. ater* (Linné, 1767) {3}

*A. betulati* (Ratzeburg, 1837) {0}

*A. cuprescens cuprescens* (Ménétriés, 1832) {0}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*A. delphinensis* Abeille de Perrin, 1897 {1}

*A. guerini* Lacordaire, 1835 {3}

*A. integerrimus* (Ratzeburg, 1837) {1}

*A. laticornis* (Illiger, 1803) {0}

*A. lineola lineola* Kiesenwetter, 1857 {3}

*A. pseudocyanus* Kiesenwetter, 1857 {0}

*A. sachalinicola* Obenberger, 1940 {1}

*A. salicis* Frivaldszky, 1877 {3}

*A. subauratus subauratus* (Gebler, 1833) {3}

*A. viridis* (Linné, 1758) {3}

*Salix cinerea* L.

*A. ater* (Linné, 1767) {2}

*A. delphinensis* Abeille de Perrin, 1897 {1}

*A. guerini* Lacordaire, 1835 {3}

*A. oliveri* Niehuis, 1989 {3}

- A. roscidus* Kiesenwetter, 1857 {1}
- A. salicis* Frivaldszky, 1877 {3}
- A. subauratus subauratus* (Gebler, 1833) {3}
- A. viridis* (Linné, 1758) {3}

*Salix discolor* (Wimm. & Grab.) [Synonym of: *Salix triandra* ssp. *discolor* (Wimm. & Grab.) Arcang.]

*Salix elaeagnos* Scop.

- A. guerini* Lacordaire, 1835 {3}
- A. massanensis* Schaefer, 1955 {3}
- A. roscidus* Kiesenwetter, 1857 {1}
- A. salicis* Frivaldszky, 1877 {3}
- A. subauratus subauratus* (Gebler, 1833) {3}

*Salix exigua* var. *pedicellata* (Andersson) Cronquist

- A. proteus* Abeille de Perrin, 1893 {1}

*Salix fragilis* L.

- A. guerini* Lacordaire, 1835 {3}
- A. lineola lineola* Kiesenwetter, 1857 {3}
- A. tschitscherini* Semenov, 1895 {3}

*Salix glauca* var. *acutifolia* (Hook.) C. K. Schneid.

- A. salicis* Frivaldszky, 1877 {3}
- A. tschitscherini* Semenov, 1895 {3}

*Salix gooddingii* C. R. Ball

- A. fisherianus* Knull, 1930 {3}
- A. quadriguttatus fulminans* Fisher, 1928 {1}

*Salix incana* Schrank [Synonym of: *Salix elaeagnos* Scop.]

*Salix interior* Rowlee

- A. quadriguttatus quadriguttatus* Gory, 1841 {3}

*Salix lanata* L.

- A. viridis* (Linné, 1758) {2}

*Salix lasiandra* Benth. [Synonym of: *Salix lucida* var. *lasiandra* (Benth.) Cronquist]

*Salix lasiolepis* Benth.

- A. politus* (Say, 1825) {3}
- A. quadriguttatus fulminans* Fisher, 1928 {1}
- A. quadriguttatus niveiventris* Horn, 1891 {3}

*Salix lucida* var. *lasiandra* (Benth.) Cronquist

- A. nevadensis* Horn, 1891 {1}
- A. politus* (Say, 1825) {3}
- A. quadriguttatus fulminans* Fisher, 1928 {1}
- A. quadriguttatus niveiventris* Horn, 1891 {3}

*Salix matsudana* Koidz. [Synonym of: *Salix babylonica* L.]*Salix monticola* Bebb

- A. politus* (Say, 1825) {3}

*Salix myrsinifolia* Salisb.

- A. subauratus subauratus* (Gebler, 1833) {3}

*Salix nigra* Marshall

- A. atricornis* Fisher, 1928 {3}
- A. politus* (Say, 1825) {2}
- A. quadriguttatus quadriguttatus* Gory, 1841 {3}

*Salix nigricans* Sm. [Synonym of: *Salix myrsinifolia* Salisb.]*Salix nuttallii* Sarg. [Synonym of: *Salix scouleriana* Barratt ex Hook.]*Salix purpurea* L.

- A. guerini* Lacordaire, 1835 {3}
- A. massanensis* Schaefer, 1955 {2}
- A. pratensis* (Ratzeburg, 1837) {1}
- A. roscidus* Kiesenwetter, 1857 {1}
- A. salicis* Frivaldszky, 1877 {3}
- A. subauratus subauratus* (Gebler, 1833) {3}
- A. viridis* (Linné, 1758) {3}

*Salix repens* L.

- A. salicis* Frivaldszky, 1877 {3}

*Salix rosmarinifolia* L.

- A. salicis* Frivaldszky, 1877 {3}

*Salix rossica* Nas. [Synonym of: *Salix viminalis* L.]*Salix sachalinensis* F. Schmidt

- A. viridis* (Linné, 1758) {3}

*Salix schwerinii* E. L. Wolf

- A. fleischeri* Obenberger, 1925 {1}
- A. viridis* (Linné, 1758) {3}

*Salix scouleriana* Barratt ex Hook.

- A. politus* (Say, 1825) {3}

*Salix sitchensis* Sanson ex Bong.

*A. politus* (Say, 1825) {2}

*Salix triandra* L.

*A. salicis* Frivaldszky, 1877 {3}

*A. tschitscherini* Semenov, 1895 {3}

*Salix triandra* ssp. *discolor* (Wimm. & Grab.) Arcang.

*A. anxius* Gory, 1841 {0}

*Salix uliginosa* (Willd.) [Synonym of: *Salix aurita* ssp. *uliginosa* (Willd.)

H. Passarge]

*Salix viminalis* L.

*A. delphinensis* Abeille de Perrin, 1897 {1}

*A. guerini* Lacordaire, 1835 {3}

*A. hyperici* (Creutzer, 1799) {0}

*A. laticornis* (Illiger, 1803) {0}

*A. lineola lineola* Kiesenwetter, 1857 {2}

*A. salicis* Frivaldszky, 1877 {3}

*A. viridis* (Linné, 1758) {3}

*Salix yezoensis* Kimura [Synonym of: *Salix schwerinii* E. L. Wolf]

## ***Santalaceae***

*Phoradendron*

*A. howdenorum* Hespenheide, 2008 {1}

*Phoradendron nervosum* Oliv.

*A. andersoni* Hespenheide, 2008 {1}

*Phoradendron tomentosum* (DC.) Engelm. ex A. Gray

*A. turnbowi* Nelson, 1990 {1}

*Viscum*

*A. graecus* Obenberger, 1916 {3}

*A. jacetanus* Sobrino Sánchez & Tolosa Sánchez, 2004 {1}

*Viscum album* L.

*A. graecus* Obenberger, 1916 {3}

*A. roscidus* Kiesenwetter, 1857 {0}



*Viscum album* ssp. *austriacum* (Wiesb.) Vollm.

*A. graecus* Obenberger, 1916 {3}

*A. kutahyanus* Królik, 2002 {3}

*Viscum laxum* Boiss. & Reut. [Synonym of: *Viscum album* ssp. *austriacum* (Wiesb.) Vollm.]

## ***Sapindaceae***

*Acer*

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. graminis* Kiesenwetter, 1857 {2}

*A. masculinus* Horn, 1891 {3}

*A. obscuricollis* Kiesenwetter, 1857 {0}

*A. olivicolor* Kiesenwetter, 1857 {0}

*A. putillus putillus* Say, 1833 {3}

*A. sibiricus fukushimenis* Jendek, 1994 {1}

*A. sibiricus sibiricus* Obenberger, 1912 {1}

*A. viridis* (Linné, 1758) {3}

*Acer campestre* L.

*A. obscuricollis* Kiesenwetter, 1857 {0}

*A. viridis* (Linné, 1758) {3}

*Acer ginnala* Maxim. [Synonym of: *Acer tataricum* ssp. *ginnala* Maxim.]

*Acer glabrum* Torr.

*A. politus* (Say, 1825) {2}

*Acer grandidentatum* Nutt. [Synonym of: *Acer saccharum* ssp. *grandidentatum* (Torr. & A. Gray) Desmarais]

*Acer negundo* L.

*A. masculinus* Horn, 1891 {3}

*A. otiosus* Say, 1833 {0}

*Acer oblongum* var. *itoanum* Hayata [Synonym of: *Acer oblongum* Wall. ex DC.]

*Acer oblongum* Wall. ex DC.

*A. inadai* Fukutomi, 2006 {1}

*A. obscurecinctus* Obenberger, 1935 {1}

*Acer opalus* Mill.

*A. viridis* (Linné, 1758) {3}

*Acer pensylvanicum* L.

*A. politus* (Say, 1825) {2}

*Acer platanoides* L.

*A. masculinus* Horn, 1891 {3}

*A. putillus putillus* Say, 1833 {3}

*A. viridis* (Linné, 1758) {3}

*Acer pseudoplatanus* L.

*A. viridis* (Linné, 1758) {3}

*Acer rubrum* L.

*A. masculinus* Horn, 1891 {2}

*Acer saccharum* Marshall

*A. fallax* Say, 1833 {3}

*A. ferrisi* Dury, 1908 {3}

*A. masculinus* Horn, 1891 {3}

*A. obsoletoguttatus* Gory, 1841 {1}

*A. putillus putillus* Say, 1833 {3}

*Acer saccharum* ssp. *grandidentatum* (Torr. & A. Gray) Desmarais

*A. putillus parputillus* Knull, 1960 {1}

*Acer tataricum* L.

*A. viridis* (Linné, 1758) {3}

*Acer tataricum* ssp. *ginnala* Maxim.

*A. viridis* (Linné, 1758) {3}

*Aesculus*

*A. masculinus* Horn, 1891 {3}

*Aesculus glabra* Willd.

*A. betulanigrae* MacRae, 2003 {3}

*A. masculinus* Horn, 1891 {3}

*A. obsoletoguttatus* Gory, 1841 {3}

*Aesculus pavia* L.

*A. obsoletoguttatus* Gory, 1841 {3}

*Matayba scrobiculata* Radlk.

*A. centunculus* Curletti, 2005 {1}

*Sapindus*

- A. baboquivariae* Fisher, 1928 {1}
- A. limpiae* Knull, 1941 {3}
- A. ornatulus* Horn, 1891 {3}
- A. scitulus* Horn, 1891 {3}

*Sapindus drummondii* Hook. & Arn.

- A. egeniformis* Champlain & Knull, 1923 {3}
- A. exsapindi* Vogt, 1949 {3}
- A. lecontei celticola* Fisher, 1928 {1}
- A. limpiae* Knull, 1941 {2}
- A. ornatulus* Horn, 1891 {2}
- A. prionurus* Chevrolat, 1838 {3}
- A. sapindi* Knull, 1938 {1}
- A. scitulus* Horn, 1891 {3}
- A. taeniatus* Chevrolat, 1835 {1}

*Serjania mexicana* (L.) Willd.

- A. grandinatus* Curletti, 2010 {1}

***Sapotaceae****Bumelia* [Synonym of: *Sideroxylon*]*Sideroxylon*

- A. baboquivariae* Fisher, 1928 {1}

***Simaroubaceae****Simarouba amara* Aubl.

- A. schmidli* Curletti, 2005 {1}

***Solanaceae****Nicotiana*

- A. alacris* Kerremans, 1896 {0}
- A. comes* Kerremans, 1896 {0}
- A. cylindratus* Kerremans, 1896 {0}
- A. discicollis* Deyrolle, 1864 {0}

- A. fidelis* Kerremans, 1896 {0}
- A. fulvopictus* Kerremans, 1896 {0}
- A. humilis* Kerremans, 1895 {0}
- A. impopularis* Deyrolle, 1864 {0}
- A. insidiosus* Kerremans, 1896 {0}

#### *Solanum*

- A. lacustris* LeConte, 1860 {1}

### ***Staphyleaceae***

#### *Staphylea bumalda* DC.

- A. cupes* Lewis, 1893 {1}

### ***Styracaceae***

#### *Styrax*

- A. roscidus* Kiesenwetter, 1857 {0}

### ***Symplocaceae***

#### *Symplocos argutidens* Nakai

- A. daimio* Obenberger, 1936 {3}

#### *Symplocos microcalyx* Hayata

- A. carinihumeralis* Kurosawa, 1964 {1}

#### *Symplocos prunifolia* Siebold & Zucc. [Synonym of: *Symplocos sumuntia* Buch.-Ham. ex D. Don]

#### *Symplocos sumuntia* Buch.-Ham. ex D. Don

- A. komareki komareki* Obenberger, 1926 {1}

### ***Tamaricaceae***

#### *Tamarix*

- A. albogularis albogularis* Gory, 1841 {0}
- A. croceivestis* Marseul, 1866 {1}
- A. meloni* Curletti, 1986 {1}

- A. pubiventris* Kiesenwetter, 1857 {1}  
*A. pulvereus* Abeille de Perrin, 1895 {1}

*Tamarix africana* Poir.

- A. pulvereus* Abeille de Perrin, 1895 {1}

## ***Thymelaeaceae***

*Daphne*

- A. integerrimus* (Ratzeburg, 1837) {3}

*Daphne gnidium* L.

- A. integerrimus* (Ratzeburg, 1837) {3}

*Daphne laureola* L.

- A. integerrimus* (Ratzeburg, 1837) {3}

*Daphne mezereum* L.

- A. integerrimus* (Ratzeburg, 1837) {3}

## ***Ulmaceae***

*Ulmus*

- A. arcuatus* (Say, 1825) {0}  
*A. auricollis* Kiesenwetter, 1857 {3}  
*A. convexicollis* Redtenbacher, 1847 {0}  
*A. gussakovskiji* Alexeev, 1981 {1}  
*A. komareki komareki* Obenberger, 1926 {1}  
*A. nicolanus* Obenberger, 1924 {1}  
*A. obolinus* LeConte, 1860 {1}  
*A. olivicolor* Kiesenwetter, 1857 {0}  
*A. peregrinus* Kiesenwetter, 1879 {1}  
*A. planipennis* Fairmaire, 1888 {1}  
*A. pulvereus* Abeille de Perrin, 1895 {1}  
*A. quadrisignatus* Marseul, 1866 {3}  
*A. roscidus* Kiesenwetter, 1857 {1}  
*A. spinipennis* Lewis, 1893 {1}  
*A. sylviae* Niehuis, 1992 {0}  
*A. ulmicola* Jendek, 2011 {3}

*Ulmus alata* Michx.

*A. ohioensis* Knull, 1951 {1}

*Ulmus americana* L.

*A. obsoletoguttatus* Gory, 1841 {1}

*Ulmus campestris* L.

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. auricollis* Kiesenwetter, 1857 {3}

*A. cyanescens cyanescens* (Ratzeburg, 1837) {0}

*A. macroderus* Abeille de Perrin, 1897 {0}

*A. roscidus* Kiesenwetter, 1857 {1}

*A. sulcicollis* Lacordaire, 1835 {0}

*Ulmus carpinifolia* Gled.

*A. auricollis* Kiesenwetter, 1857 {3}

*Ulmus davidiana* var. *japonica* (Rehder) Nakai

*A. imitans* Lewis, 1893 {1}

*A. komareki komareki* Obenberger, 1926 {1}

*A. planipennis* Fairmaire, 1888 {1}

*A. rudicollis* Alexeev, 1979 {3}

*A. viduus* Kerremans, 1914 {3}

*A. viridis* (Linné, 1758) {1}

*Ulmus fulva* Michx. [Synonym of: *Ulmus rubra* Muhl.]*Ulmus glabra* Huds.

*A. auricollis* Kiesenwetter, 1857 {3}

*A. rosei* Niehuis & Bernhard, 2005 {1}

*Ulmus japonica* (Rehder) Sarg. [Synonym of: *Ulmus davidiana* var. *japonica* (Rehder) Nakai]*Ulmus laevis* Pall.

*A. auricollis* Kiesenwetter, 1857 {3}

*A. biguttatus* (Fabricius, 1777) {1}

*Ulmus macrocarpa* Hance

*A. quadrisignatus* Marseul, 1866 {3}

*Ulmus minor* Mill.

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. auricollis* Kiesenwetter, 1857 {3}

*A. macroderus* Abeille de Perrin, 1897 {0}

*A. viridis* (Linné, 1758) {1}

*Ulmus montana* With. [Synonym of: *Ulmus glabra* Huds.]

*Ulmus propinqua* Koidz. [Synonym of: *Ulmus davidiana* var. *japonica* (Rehder) Nakai]

*Ulmus pumila* L.

*A. pseudocyanus* Kiesenwetter, 1857 {0}

*A. quadrisignatus* Marseul, 1866 {3}

*A. viduus* Kerremans, 1914 {3}

*Ulmus rubra* Muhl.

*A. audax* Horn, 1891 {3}

*A. obsoletoguttatus* Gory, 1841 {1}

*A. paracelti* Knull, 1972 {0}

*Ulmus scabra* Mill. [Synonym of: *Ulmus glabra* Huds.]

*Ulmus wilsoniana* C. K. Schneid. [Synonym of: *Ulmus davidiana* var. *japonica* (Rehder) Nakai]

*Zelkova*

*A. spinipennis* Lewis, 1893 {1}

*Zelkova keaki* Maxim. [Synonym of: *Zelkova serrata* (Thunb.) Makino]

*Zelkova serrata* (Thunb.) Makino

*A. discalis* Saunders, 1873 {1}

*A. imitans* Lewis, 1893 {1}

*A. sospes* Lewis, 1893 {1}

*A. spinipennis* Lewis, 1893 {1}

*A. takahashii* Tôyama, 1988 {1}

*A. tsutsumiuchii* Ohmomo, 2006 {3}

*A. viduus* Kerremans, 1914 {3}

*A. viridiobscurus* Saunders, 1873 {1}

## ***Verbenaceae***

*Castela emoryi* (A. Gray) Moran & Felger

*A. abstersus* Horn, 1891 {3}

*Lantana*

*A. pilosus* Waterhouse, 1889 {1}

*Lantana camara* L.

*A. totecii* Fisher, 1938 {1}

**Vitaceae**

*Parthenocissus quinquefolia* (L.) Planch.

*A. egenus* Gory, 1841 {1}

*Vitis*

*A. angustulus angustulus* (Illiger, 1803) {0}

*A. derasofasciatus* Lacordaire, 1835 {3}

*A. friebi* Obenberger, 1922 {1}

*A. macroderus* Abeille de Perrin, 1897 {0}

*A. oblongus* Fisher, 1928 {3}

*A. viridis* (Linné, 1758) {0}

*Vitis coignetiae* Pulliat ex Planch.

*A. marginicollis* Saunders, 1873 {1}

*Vitis vinifera* L.

*A. derasofasciatus* Lacordaire, 1835 {3}

*A. roscidus* Kiesenwetter, 1857 {0}

*Vitis vinifera* ssp. *sylvestris* (C. C. Gmel.) Hegi [Synonym of: *Vitis vinifera* L.]

**Zygophyllaceae**

*Larrea divaricata* Cav.

*A. impexus* Horn, 1891 {0}

*A. paraimpexus* Hespenheide, 2007 {1}

**Gymnosperms****Cupressaceae**

*Cupressus*

*A. roscidus* Kiesenwetter, 1857 {1}

*Juniperus flaccida* Schlttdl.

*A. obscurilineatus* Vogt, 1949 {1}



***Pinaceae****Abies*

*A. pseudocoryli* Fisher, 1928 {0}

*Abies alba* Mill.

*A. angustulus angustulus* (Illiger, 1803) {0}

*Pinus*

*A. aereus* Saunders, 1866 {1}

*A. furcillatus* Chevrolat, 1834 {1}

*Pinus halepensis* Mill.

*A. roscidus* Kiesenwetter, 1857 {1}

*Pinus kesiya* Royle ex Gordon

*A. dahoi* Baudon, 1965 {1}

*A. rilliardi* Baudon, 1988 {1}

*Pinus khasya* Hook. f. [Synonym of: *Pinus kesiya* Royle ex Gordon]

*Pinus maximinoi* H. E. Moore

*A. schwerdtfegeri* Schwerdtfeger, 1953 {3}

*Pinus picea* L. [Synonym of: *Abies alba* Mill.]

*Pinus tenuifolia* Benth. [Synonym of: *Pinus maximinoi* H. E. Moore]

***Podocarpaceae****Phyllocladus hypophyllus* Hook. f.

*A. nebulatus* Curletti, 2006 {1}

# Analysis

## References and Records

This study is based on examination of 1,250 references generating 5,551 host related records for 686 *Agrilus* species-group taxa and 941 host plant taxa. Among these records, 4,980 are original. Figures 1 and 2 show numbers of references (Fig. 1) and original records (Fig. 2) in 15 year intervals from 1760 to 2014.

## *Agrilus* Taxa

From 3,069 worldwide *Agrilus* species and subspecies, 686 (22 %) have at least one host plant reported. These 686 *Agrilus* taxa were reported under 666 valid and 225 invalid or unavailable names. The number of cited valid names is lower than the actual number of taxa because some taxa were never reported under the valid name.

The biogeographic origin of *Agrilus* taxa with recorded host plant(s) is shown in Fig. 3. Not surprisingly, the best explored host plant associations have taxa from the Palearctic (187) and Nearctic (137) regions despite the fact that their fauna is much less diverse than the fauna of the Afrotropical, Neotropical or Oriental regions.

From 686 *Agrilus* taxa, those referred to the host plant association with confidence index 0 were excluded while the rest of them with the confidence index 1, 2 or 3 were used in the analysis.

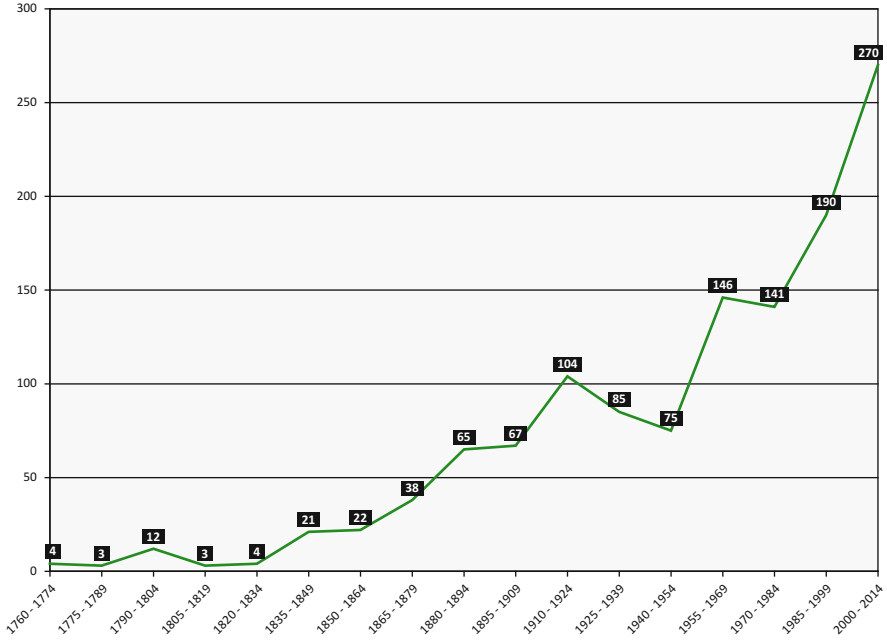


Fig. 1 Number of host related references in 15 year intervals from 1760 to 2014

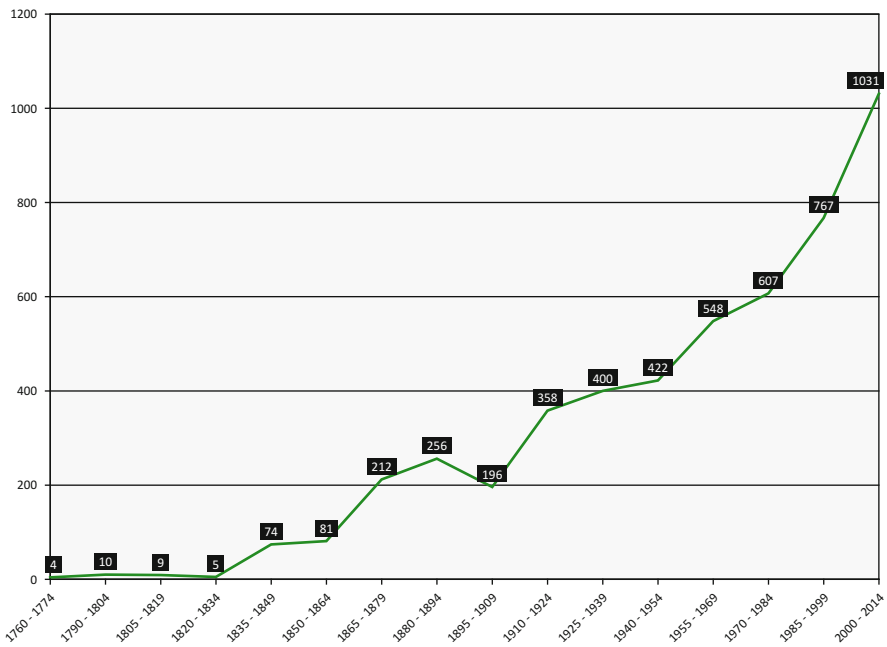
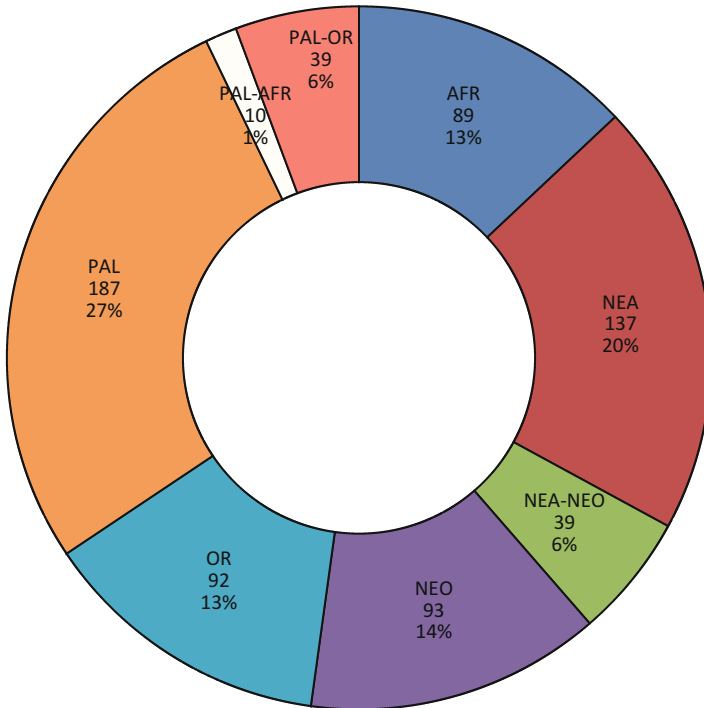


Fig. 2 Number of host related original records in 15 year intervals from 1760 to 2014



**Fig. 3** Biogeographic origin of *Agrilus* taxa with recorded host plant(s)

## Host Plants

Reported *Agrilus* host plants belong to 84 families, 308 genera and 941 species-group taxa (species, subspecies and varieties) reported under 812 valid and 212 invalid names. The number of valid names is lower than the number of taxa because some of them were never reported under the currently valid name.

From 941 reported host plants those reported for host plant associations with the confidence index 0 were excluded. The remaining 907 belonging to 79 families and 292 genera with the confidence index 1, 2 or 3 were analyzed. Host plants reported just on the genus level like, for example, *Quercus* sp., are included in the total number of host plants for that particular genus.

## Host Plant Records with Confidence Index >0

The number of reported host plants with the confidence index >0 by genera and families is shown in Table 1. The highest number of them is from *Quercus* (66), *Acacia* (49), *Salix* (32), *Rosa* (22) and *Populus* (19) (Fig. 4).

**Table 1** Number of *Agrilus* host plants by genus and family

Family	Genera	Number of taxa
Acanthaceae	<i>Justicia</i>	1
	Total	1
Adoxaceae	<i>Sambucus</i>	1
	<i>Viburnum</i>	1
	Total	2
Amaranthaceae	<i>Atriplex</i>	2
	<i>Bassia</i>	1
	<i>Climacoptera</i>	1
	<i>Grayia</i>	1
	<i>Halostachys</i>	2
	<i>Haloxyton</i>	2
	<i>Krascheninnikovia</i>	2
	<i>Salsola</i>	9
	<i>Suaeda</i>	4
	Total	24
Anacardiaceae	<i>Astronium</i>	1
	<i>Buchanania</i>	1
	<i>Pistacia</i>	6
	<i>Rhus</i>	4
	<i>Schmaltzia</i>	1
	<i>Toxicodendron</i>	3
Total	16	
Apocynaceae	<i>Pycnobotrya</i>	1
	<i>Trachelospermum</i>	1
	Total	2
Araliaceae	<i>Dendropanax</i>	1
	Total	1
Betulaceae	<i>Alnus</i>	15
	<i>Betula</i>	17
	<i>Carpinus</i>	7
	<i>Corylus</i>	4
	<i>Ostrya</i>	3
	Total	46
Bignoniaceae	<i>Amphilophium</i>	1
	<i>Fridericia</i>	1
	<i>Stizophyllum</i>	1
	<i>Tynanthus</i>	1
	Total	4
Boraginaceae	<i>Amsinckia</i>	1
	<i>Cordia</i>	2
	Total	3
Cactaceae	<i>Opuntia</i>	1
	Total	1
Calophyllaceae	<i>Calophyllum</i>	1
	Total	1
Cannabaceae	<i>Celtis</i>	13
	Total	13
Capparaceae	<i>Forchhammeria</i>	1
	Total	1
Caprifoliaceae	<i>Lonicera</i>	10
	<i>Symphoria</i>	1
	<i>Symphoricarpos</i>	2

(continued)

**Table 1** (continued)

Family	Genera	Number of taxa
	Total	<b>13</b>
Casuarinaceae	<i>Allocasuarina</i>	4
	<i>Casuarina</i>	2
	Total	<b>6</b>
Celastraceae	<i>Euonymus</i>	3
	Total	<b>3</b>
Cistaceae	<i>Cistus</i>	6
	<i>Halimium</i>	1
	<i>Helianthemum</i>	7
	<i>Lechea</i>	1
	Total	<b>15</b>
Clusiaceae	<i>Garcinia</i>	1
	Total	<b>1</b>
Combretaceae	<i>Combretum</i>	1
	<i>Terminalia</i>	4
	Total	<b>5</b>
Compositae	<i>Ajania</i>	1
	<i>Ambrosia</i>	2
	<i>Anthemis</i>	1
	<i>Artemisia</i>	18
	<i>Baccharis</i>	4
	<i>Bigelovia</i>	1
	<i>Brickellia</i>	1
	<i>Chrysothamnus</i>	4
	<i>Encelia</i>	1
	<i>Ericameria</i>	1
	<i>Erigeron</i>	1
	<i>Gutierrezia</i>	2
	<i>Haplopappus</i>	1
	<i>Helianthus</i>	1
	<i>Heterotheca</i>	1
	<i>Rudbeckia</i>	1
<i>Senecio</i>	1	
Total	<b>42</b>	
Connaraceae	<i>Connarus</i>	1
	Total	<b>1</b>
Cornaceae	<i>Cornus</i>	7
	Total	<b>7</b>
Cupressaceae	<i>Cupressus</i>	1
	<i>Juniperus</i>	1
	Total	<b>2</b>
Dipterocarpaceae	<i>Anisoptera</i>	1
	Total	<b>1</b>
Ebenaceae	<i>Diospyros</i>	7
	Total	<b>7</b>
Elaeocarpaceae	<i>Elaeocarpus</i>	1
	Total	<b>1</b>
Ericaceae	<i>Arbutus</i>	1
	<i>Arctostaphylos</i>	5
	<i>Erica</i>	2
	<i>Oxydendrum</i>	1
	<i>Rhododendron</i>	1
	<i>Vaccinium</i>	2
Total	<b>12</b>	

(continued)

**Table 1** (continued)

Family	Genera	Number of taxa
Euphorbiaceae	<i>Argythamnia</i>	1
	<i>Bernardia</i>	1
	<i>Claoxylon</i>	1
	<i>Croton</i>	6
	<i>Ditaxis</i>	1
	<i>Mallotus</i>	2
	<i>Stillingia</i>	1
	<b>Total</b>	<b>13</b>
Fagaceae	<i>Castanea</i>	4
	<i>Castanopsis</i>	3
	<i>Fagus</i>	5
	<i>Lithocarpus</i>	3
	<i>Quercus</i>	66
	<b>Total</b>	<b>81</b>
Grossulariaceae	<i>Grossularia</i>	1
	<i>Ribes</i>	6
	<b>Total</b>	<b>7</b>
Hamamelidaceae	<i>Hamamelis</i>	1
	<b>Total</b>	<b>1</b>
Heliconiaceae	<i>Heliconia</i>	1
	<b>Total</b>	<b>1</b>
Hydrangeaceae	<i>Philadelphus</i>	1
	<b>Total</b>	<b>1</b>
Hypericaceae	<i>Hypericum</i>	4
	<b>Total</b>	<b>4</b>
Juglandaceae	<i>Carya</i>	7
	<i>Juglans</i>	6
	<i>Pterocarya</i>	1
	<b>Total</b>	<b>14</b>
Lamiaceae	<i>Poliomintha</i>	1
	<i>Salvia</i>	2
	<i>Teucrium</i>	3
	<b>Total</b>	<b>6</b>
Lauraceae	<i>Cryptocarya</i>	1
	<i>Lindera</i>	1
	<i>Machilus</i>	1
	<i>Nectandra</i>	1
	<i>Sassafras</i>	1
	<b>Total</b>	<b>5</b>
	<i>Acacia</i>	49
	<i>Adenocarpus</i>	2
	<i>Albizia</i>	11
	<i>Amorpha</i>	1
	<i>Archidendron</i>	1
	<i>Astragalus</i>	3
	<i>Bauhinia</i>	2
	<i>Brachystegia</i>	1
	<i>Caesalpinia</i>	4
	<i>Calicotome</i>	1
	<i>Calliandra</i>	2
	<i>Caragana</i>	7
	<i>Cassia</i>	1
	<i>Cercidium</i>	3
	<i>Cercis</i>	1

(continued)

**Table 1** (continued)

Family	Genera	Number of taxa
Leguminosae	<i>Cladrastis</i>	1
	<i>Colutea</i>	3
	<i>Cytisophyllum</i>	1
	<i>Cytisus</i>	6
	<i>Dalbergia</i>	2
	<i>Derris</i>	1
	<i>Desmodium</i>	1
	<i>Dichrostachys</i>	1
	<i>Dorycnium</i>	1
	<i>Ebenopsis</i>	2
	<i>Erythrina</i>	1
	<i>Eysenhardtia</i>	2
	<i>Genista</i>	8
	<i>Gleditsia</i>	1
	<i>Gymnocladus</i>	1
	<i>Haematoxylum</i>	1
	<i>Halimodendron</i>	1
	<i>Havardia</i>	1
	<i>Hesperalbizia</i>	1
	<i>Indigofera</i>	2
	<i>Inga</i>	3
	<i>Isobertinia</i>	2
	<i>Julbernardia</i>	1
	<i>Laburnum</i>	2
	<i>Lembotropis</i>	1
	<i>Lepedeza</i>	1
	<i>Leucaena</i>	4
	<i>Lonchocarpus</i>	1
	<i>Lotus</i>	1
	<i>Lysiloma</i>	1
	<i>Millettia</i>	1
	<i>Mimosa</i>	9
	<i>Mucuna</i>	1
	<i>Olneya</i>	1
	<i>Ottleya</i>	1
	<i>Parkia</i>	1
	<i>Parkinsonia</i>	2
	<i>Pithecellobium</i>	2
	<i>Plathymentia</i>	1
	<i>Pomaria</i>	1
	<i>Pongamia</i>	1
	<i>Prosopis</i>	6
	<i>Psorothamnus</i>	1
	<i>Pterocarpus</i>	2
	<i>Pueraria</i>	2
	<i>Retama</i>	3
	<i>Robinia</i>	2
	<i>Sarothamnus</i>	1
	<i>Senna</i>	9
	<i>Sophora</i>	1
<i>Spartium</i>	2	
<i>Syrmatium</i>	2	
<i>Tamarindus</i>	2	
<i>Ulex</i>	1	

(continued)



Table 1 (continued)

Family	Genera	Number of taxa
	<i>Wisteria</i>	3
	<i>Xylia</i>	1
	Total	203
Loasaceae	<i>Nuttallia</i>	1
	Total	1
Loganiaceae	<i>Buddleia</i>	1
	Total	1
Loranthaceae	<i>Loranthus</i>	1
	Total	1
Lythraceae	<i>Lagerstroemia</i>	2
	Total	2
Malpighiaceae	<i>Malpighia</i>	1
	Total	1
Malvaceae	<i>Abelmoschus</i>	2
	<i>Byttneria</i>	1
	<i>Callirhoe</i>	1
	<i>Corchorus</i>	1
	<i>Grewia</i>	1
	<i>Heritiera</i>	1
	<i>Hibiscus</i>	15
	<i>Luehea</i>	1
	<i>Malachra</i>	1
	<i>Malvastrum</i>	1
	<i>Schoutenia</i>	1
	<i>Sphaeralcea</i>	4
	<i>Sterculia</i>	2
	<i>Tilia</i>	3
	<i>Triplochiton</i>	1
	<i>Urena</i>	2
	<i>Waltheria</i>	1
Total	39	
Meliaceae	<i>Melia</i>	2
	Total	2
Moraceae	<i>Castilla</i>	1
	<i>Ficus</i>	4
	<i>Maclura</i>	1
	<i>Morus</i>	2
Total	8	
Myricaceae	<i>Comptonia</i>	1
	<i>Myrica</i>	3
	Total	4
Myrtaceae	<i>Eucalyptus</i>	3
	<i>Leptospermum</i>	1
	<i>Syzygium</i>	1
	Total	5
Nitrariaceae	<i>Nitraria</i>	1
	Total	1
Nyctaginaceae	<i>Allionia</i>	1
	<i>Boerhavia</i>	1
	Total	2
Oleaceae	<i>Forestiera</i>	2
	<i>Fraxinus</i>	12
	<i>Ligustrum</i>	2
	<i>Olea</i>	1
	<i>Syringa</i>	1
Total	18	

(continued)

**Table 1** (continued)

Family	Genera	Number of taxa
Papaveraceae	<i>Argemone</i>	1
	Total	1
Pinaceae	<i>Pinus</i>	4
	Total	4
Piperaceae	<i>Piper</i>	1
	Total	1
Platanaceae	<i>Platanus</i>	2
	Total	2
Plumbaginaceae	<i>Limoniastrum</i>	1
	Total	1
Poaceae	<i>Andropogon</i>	1
	<i>Muhlenbergia</i>	1
	<i>Zea</i>	1
	Total	3
Podocarpaceae	<i>Phyllocladus</i>	1
	Total	1
Polygonaceae	<i>Atraphaxis</i>	1
	<i>Eriogonum</i>	4
	Total	5
Putranjivaceae	<i>Drypetes</i>	1
	Total	1
Ranunculaceae	<i>Clematis</i>	1
	Total	1
Rhamnaceae	<i>Colubrina</i>	1
	<i>Condalia</i>	1
	<i>Frangula</i>	1
	<i>Gouania</i>	2
	<i>Rhamnus</i>	4
	<i>Ziziphus</i>	2
	Total	11
Rosaceae	<i>Adenorachis</i>	1
	<i>Amelanchier</i>	4
	<i>Amygdalus</i>	1
	<i>Bossekia</i>	1
	<i>Cerasus</i>	3
	<i>Cotoneaster</i>	1
	<i>Crataegus</i>	9
	<i>Cydonia</i>	2
	<i>Hulthemia</i>	1
	<i>Malus</i>	4
	<i>Mespilus</i>	2
	<i>Padus</i>	1
	<i>Prunus</i>	13
	<i>Pyrus</i>	7
	<i>Rhaphiolepis</i>	1
	<i>Rosa</i>	22
	<i>Rubus</i>	6
	<i>Sorbaria</i>	1
<i>Sorbus</i>	9	
<i>Spiraea</i>	1	
Total	90	

(continued)

**Table 1** (continued)

Family	Genera	Number of taxa
Rubiaceae	<i>Bouvardia</i>	1
	<i>Coffea</i>	2
	Total	3
Rutaceae	<i>Chloroxylon</i>	1
	<i>Citrus</i>	6
	<i>Fagara</i>	2
	<i>Ptelea</i>	1
	<i>Tetradium</i>	1
	<i>Thamnosma</i>	1
	<i>Xanthoxylum</i>	1
	<i>Zanthoxylum</i>	4
Total	17	
Salicaceae	<i>Casearia</i>	1
	<i>Populus</i>	19
	<i>Salix</i>	32
	Total	52
Santalaceae	<i>Phoradendron</i>	3
	<i>Viscum</i>	3
	Total	6
Sapindaceae	<i>Acer</i>	14
	<i>Aesculus</i>	3
	<i>Matayba</i>	1
	<i>Sapindus</i>	2
	<i>Serjania</i>	1
	Total	21
Sapotaceae	<i>Sideroxylon</i>	1
	Total	1
Simaroubaceae	<i>Simarouba</i>	1
	Total	1
Solanaceae	<i>Solanum</i>	1
	Total	1
Staphyleaceae	<i>Staphylea</i>	1
	Total	1
Symplocaceae	<i>Symplocos</i>	3
	Total	3
Tamaricaceae	<i>Tamarix</i>	2
	Total	2
Thymelaeaceae	<i>Daphne</i>	4
	Total	4
Ulmaceae	<i>Ulmus</i>	12
	<i>Zelkova</i>	2
	Total	14
Verbenaceae	<i>Castela</i>	1
	<i>Lantana</i>	2
	Total	3
Vitaceae	<i>Parthenocissus</i>	1
	<i>Vitis</i>	3
	Total	4
Zygophyllaceae	<i>Larrea</i>	1
Total	1	

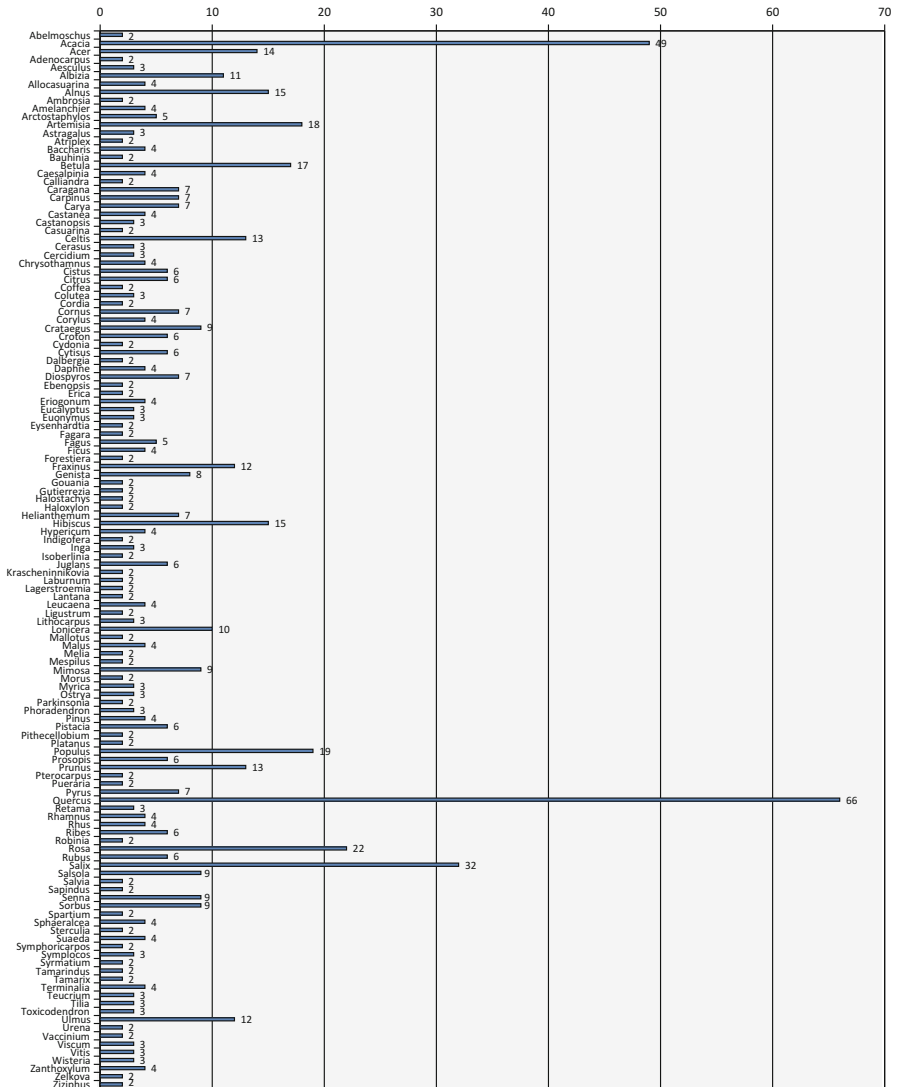
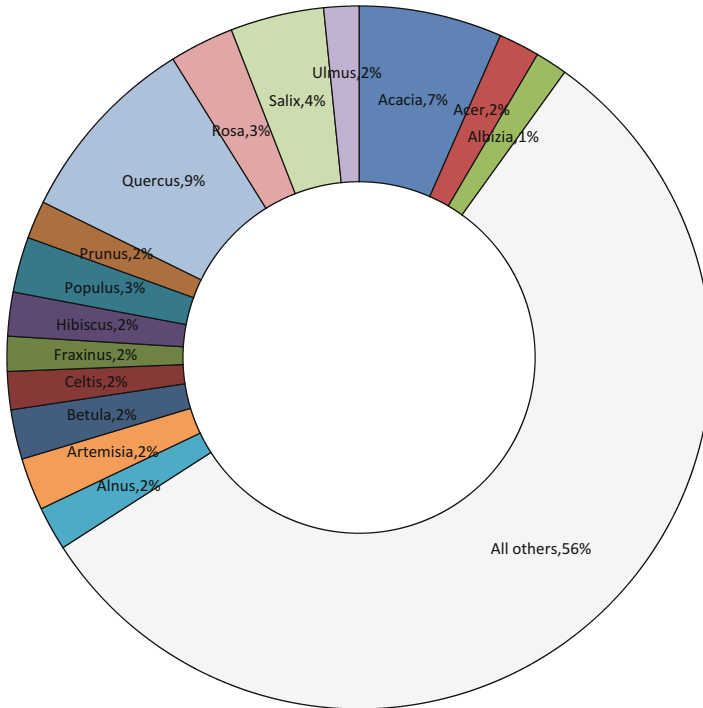


Fig. 4 Number of *Agrilus* host plants by genus. Only genera with more than one host plant are shown

Forty-four percent of reported host plants are from the top 15, most reported genera (Fig. 5) and 9 % of them represented by 66 species-group taxa are from the genus *Quercus*.

Reported host plants are from 79 families, among these the highest number is from Leguminosae (71 genera), Rosaceae (20 genera), Malvaceae (17 genera) and Compositae (17 genera) (Fig. 6).



**Fig. 5** Proportion of top 15 *Agrilus* host plant genera on total number of reported host plants

Fifty-seven percent of reported plant genera are from ten families (Amaranthaceae, Anacardiaceae, Compositae, Ericaceae, Euphorbiaceae, Leguminosae, Malvaceae, Rhamnaceae, Rosaceae, Rutaceae) having more than 5 reported genera (Fig. 7).

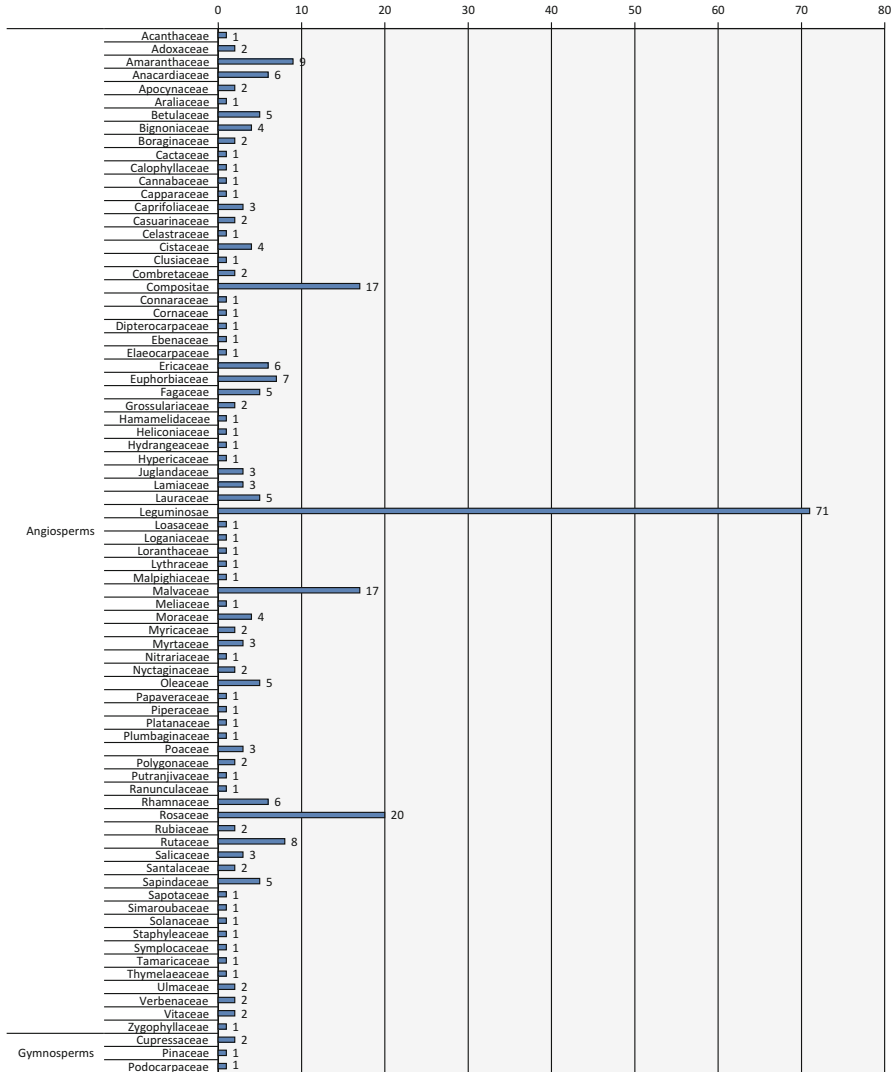
The majority of host plant taxa are from families Leguminosae (203 taxa), Rosaceae (90 taxa), Fagaceae (81 taxa), Salicaceae (52 taxa) and Betulaceae (46 taxa) (Fig. 8).

The proportion of *Agrilus* host plant families with more than 15 reported host plants on total number of reported host plants is shown in Fig. 9. The top 12 most reported families represents 74 % of all reported host plants, among them, Leguminosae leads the list with 23 % reported host plants.

## ***Agrilus*-Host Plants Relation**

### ***Species-Group Level***

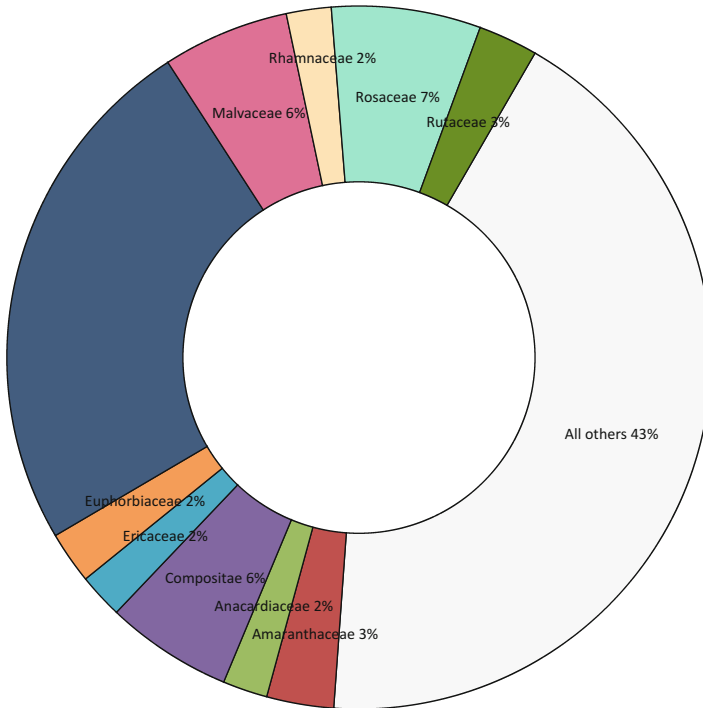
The number of host plants with the confidence index  $>0$  for all reported *Agrilus* is given in Table 2. Host plants are grouped by families and genera.



**Fig. 6** Number of reported *Agrilus* host plant genera by family

The host plant range of a single *Agrilus* taxon varies from 1 to 49 host plant species-group taxa (Table 3a). More than 50 % of all reported *Agrilus* (339 taxa) have just a single host plant, 76 % have 1–3 and almost 90 % have 1–6 host plants.

The top 5 *Agrilus* taxa with the widest species-level host plant range are *A. viridis* (49), *A. roscidus* (47), *A. obsoletoguttatus* (28), *A. angustulus* (26) and *A. cuprescens* (26). The host plant range of all *Agrilus* is shown in Table 4.



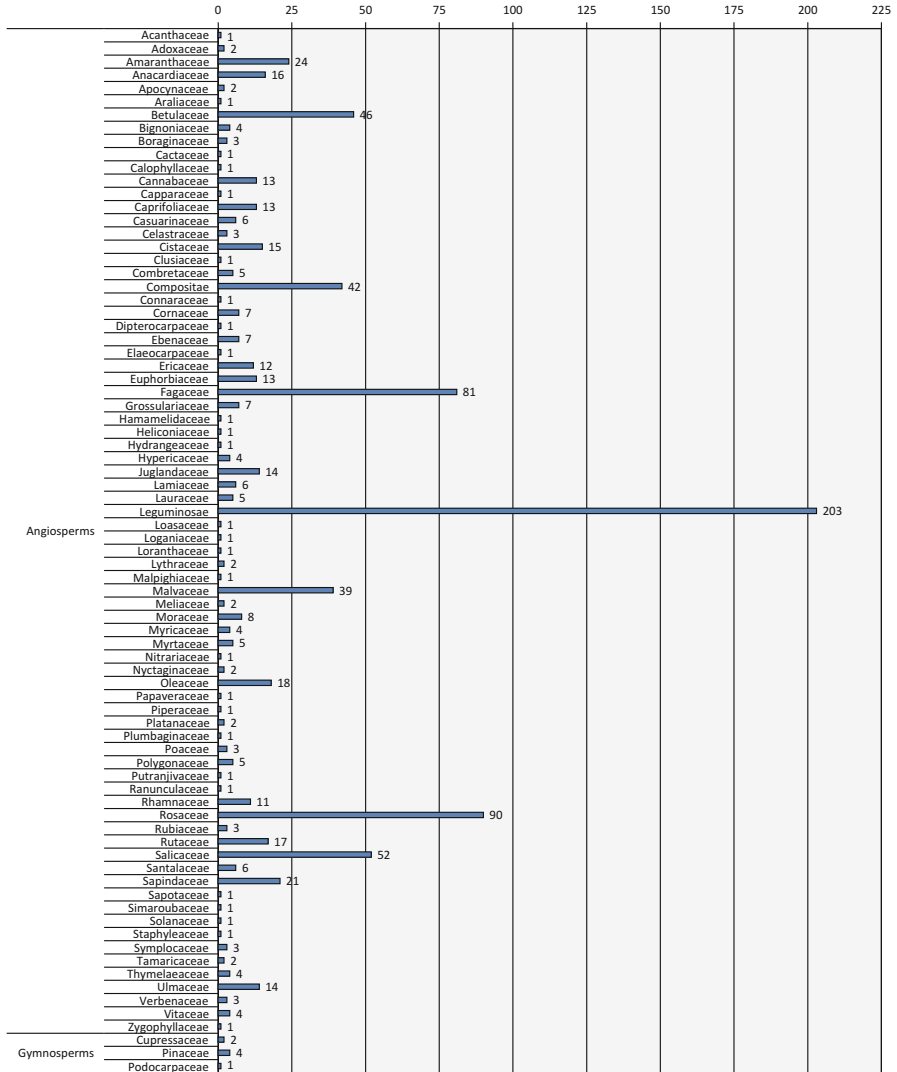
**Fig. 7** Proportion of *Agrilus* host plant families with more than five genera on total number of genera

### ***Genus Level***

The generic host plant range of a single *Agrilus* taxon (species or subspecies) is 1–23 plant genera (Table 3b). Almost 65 % of all *Agrilus* taxa (440) have a host range of 1 plant genus and 90 % of *Agrilus* are known from 1 to 3 plant genera. Only 66 of 677 *Agrilus* taxa have a host plant range from more than 3 plant genera.

The *Agrilus* taxa with a genus-level host plant range of more than 3 genera are shown in Fig. 10. The widest generic range has *Agrilus roscidus* with host plants from 23 genera, followed by *A. obsoletoguttatus* and *A. viridis* (15), and *A. parimpexus* (13).

*Agrilus* taxa with the widest range of hosts from a single plant genus are shown in Table 5. *Agrilus cuprescens* with 21 hosts from *Rosa* scored highest, followed by *A. angustulus* (14 hosts from *Quercus*) and *A. salicis* (13 hosts from *Salix*).



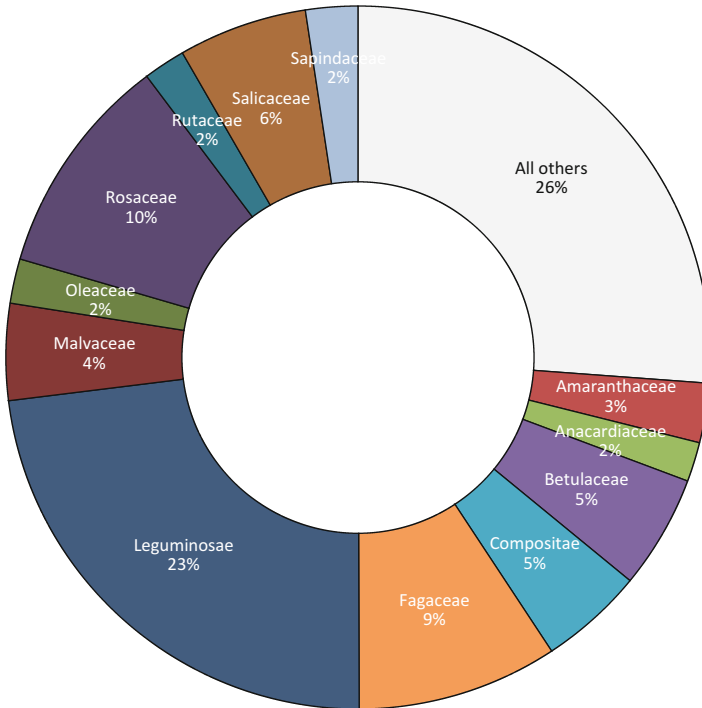
**Fig. 8** Number of *Agrilus* host plants by family

**Family Level**

The host plant range of a single *Agrilus* taxon is from 1 to 10 families (Table 3c).

More than 75 % of all *Agrilus* (516 taxa) have a host range from a single family and the vast majority (96 %) from 1 to 3 families. Only 7 *Agrilus* (1 %) have a host plant range from more than 5 families.





**Fig. 9** Proportion of *Agrilus* host plant families with more than 15 host plants on total number of reported *Agrilus* host plant species-group taxa

*Agrilus* taxa with the widest family range are shown in Fig. 11. *Agrilus roscidus* with a host range of 10 families scored highest, followed by *A. obsoletoguttatus* and *A. viridis*, both having hosts from 9 families.

## Host Plant-*Agrilus* Relation

### *Species-Group Taxon Level*

The number of *Agrilus* taxa reported for each host plant with the confidence index >0 is shown in Table 6.

The plants which are host to most *Agrilus* taxa, are shown in Fig. 12. *Gleditsia triacanthos* with 13 *Agrilus* taxa scored the highest, followed by *Quercus pubescens* (12), *Celtis occidentalis* (11), *Inga oerstediana* (11) and *Quercus rubra* (11).

**Table 2** *Agrilus* taxa with number of host plants by genus and family

<i>Agrilus</i>	Region	Family	Genus	Taxa
abditus Horn, 1891	NEA	Fagaceae	<i>Quercus</i>	2
abductus Horn, 1891	NEA	Cornaceae	<i>Cornus</i>	1
		Fagaceae	<i>Quercus</i>	3
		Leguminosae	<i>Gleditsia</i>	1
		Rutaceae	<i>Zanthoxylum</i>	1
abstersus Horn, 1891	NEA-NEO	Cannabaceae	<i>Celtis</i>	1
		Leguminosae	<i>Acacia</i>	2
			<i>Olneya</i>	1
			<i>Prosopis</i>	2
Verbenaceae	<i>Castela</i>	1		
acaciae Fisher, 1928	NEA-NEO	Leguminosae	<i>Acacia</i>	3
			<i>Leucaena</i>	1
		Leguminosae	<i>Pithecellobium</i>	1
			<i>Prosopis</i>	2
acutipennis Mannerheim, 1837	NEA	Betulaceae	<i>Betula</i>	1
			<i>Corylus</i>	1
		Ebenaceae	<i>Diospyros</i>	1
		Fagaceae	<i>Quercus</i>	11
		Juglandaceae	<i>Carya</i>	1
			<i>Juglans</i>	1
		Rosaceae	<i>Amelanchier</i>	1
Salicaceae	<i>Populus</i>	1		
acutus (Thunberg, 1787)	OR	Malvaceae	<i>Abelmoschus</i>	2
			<i>Corchorus</i>	1
			<i>Hibiscus</i>	11
			<i>Malachra</i>	1
			<i>Urena</i>	2
addendus Crotch, 1873	NEA-NEO	Leguminosae	<i>Acacia</i>	3
			<i>Prosopis</i>	2
adelphinus Kerremans, 1895	PAL-OR	Fagaceae	<i>Quercus</i>	3
adinocephalus Curletti, 2005	NEO	Leguminosae	<i>Albizia</i>	1
adlbaueri Niehuis, 1987	PAL	Fagaceae	<i>Quercus</i>	1
aeneocephalus Fisher, 1928	NEA	Leguminosae	<i>Acacia</i>	1
			<i>Mimosa</i>	3
aereus Saunders, 1866	OR	Pinaceae	<i>Pinus</i>	1
aerosus Ganglbauer, 1889	PAL	Compositae	<i>Ajania</i>	1
		Nitrariaceae	<i>Nitraria</i>	1
aethiops Hespeneheide, 1990	NEO	Leguminosae	<i>Acacia</i>	1
affinis Waterhouse, 1889	NEO	Leguminosae	<i>Acacia</i>	1
alashanensis Obenberger, 1936	PAL	Leguminosae	<i>Caragana</i>	1
albizziae Fisher, 1935	OR	Anacardiaceae	<i>Buchanania</i>	1
		Leguminosae	<i>Acacia</i>	1
<i>Albizia</i>	2			
albocomus Fisher, 1928	NEA	Anacardiaceae	<i>Rhus</i>	1
		Fagaceae	<i>Quercus</i>	3
albogularis albogularis Gory, 1841	PAL	Amaranthaceae	<i>Eurotia</i>	1
albogularis artemisiae Brisout, 1863	PAL	Compositae	<i>Artemisia</i>	7
		Compositae	<i>Artemisia</i>	5
albogularis dalmatinus Obenberger, 1937	PAL	Compositae	<i>Artemisia</i>	1
alboarginatus Fiori, 1906	PAL	Leguminosae	<i>Genista</i>	1
		Leguminosae	<i>Spartium</i>	1
alesi Obenberger, 1935	PAL	Rutaceae	<i>Citrus</i>	1
aliciae Bellamy, 2005	NEO	Leguminosae	<i>Haematoxylum</i>	1
allisoni Curletti, 2006	OR	Lauraceae	<i>Cryptocarya</i>	1
amelanchieri Knull, 1944	NEA	Leguminosae	<i>Amelanchier</i>	3
		Rosaceae	<i>Crataegus</i>	1
andersoni Hespeneheide, 2008	NEO	Santalaceae	<i>Phoradendron</i>	1
andresi Obenberger, 1920	PAL	Leguminosae	<i>Acacia</i>	2
angelicus Horn, 1891	NEA	Fagaceae	<i>Lithocarpus</i>	1
			<i>Quercus</i>	8
angustulus angustulus (Illiger, 1803)	PAL	Betulaceae	<i>Alnus</i>	1
			<i>Betula</i>	2
			<i>Carpinus</i>	2
			<i>Corylus</i>	2
			<i>Ostrya</i>	1
		Fagaceae	<i>Castanea</i>	2
			<i>Fagus</i>	2
			<i>Quercus</i>	14

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>angustus bicoloratus</i> Abeille de Perrin, 1894	PAL-AFR	Fagaceae	<i>Quercus</i>	2
<i>antennalis</i> Descarpentries, 1959	AFR	Leguminosae	<i>Albizia</i>	1
<i>anthaxioides</i> Hespeneheide, 2009	NEO	Cannabaceae	<i>Celtis</i>	1
			<i>Acacia</i>	1
			<i>Cassia</i>	1
			<i>Senna</i>	1
<i>antiquus antiquus</i> Mulsant & Rey, 1863	PAL	Leguminosae	<i>Calicotome</i>	1
			<i>Cytisus</i>	2
			<i>Genista</i>	5
			<i>Retama</i>	1
			<i>Sarothamnus</i>	1
			<i>Ulex</i>	1
<i>antiquus croaticus</i> Abeille de Perrin, 1897	PAL	Leguminosae	<i>Chamaecytisus</i>	1
			<i>Cytisus</i>	4
			<i>Genista</i>	2
			<i>Sarothamnus</i>	1
<i>anxius</i> Gory, 1841	NEA	Betulaceae	<i>Betula</i>	9
<i>arbuti</i> Fisher, 1928	NEA	Ericaceae	<i>Arbutus</i>	1
			<i>Arctostaphylos</i>	5
<i>arcuatus</i> (Say, 1825)	NEA	Fagaceae	<i>Castanea</i>	1
			<i>Fagus</i>	1
			<i>Quercus</i>	10
			<i>Argythamnia</i>	1
<i>argythamniae</i> Hespeneheide & Westcott, 2011	NEA-NEO	Euphorbiaceae	<i>Argythamnia</i>	1
<i>arizonicus</i> Obenberger, 1936	NEA-NEO	Leguminosae	<i>Desmodium</i>	1
<i>asahinai</i> Kurosawa, 1956	PAL	Caprifoliaceae	<i>Lonicera</i>	1
		Fagaceae	<i>Quercus</i>	1
<i>asiaticus</i> Kerremans, 1898	PAL-OR	Fagaceae	<i>Quercus</i>	4
<i>asperulus</i> Waterhouse, 1889	NEA-NEO	Anacardiaceae	<i>Rhus</i>	1
		Compositae	<i>Baccharis</i>	1
		Fagaceae	<i>Quercus</i>	2
		Rubiaceae	<i>Bouvardia</i>	1
<i>assimilis assimilis</i> Hope, 1846	OR	Leguminosae	<i>Acacia</i>	2
		Myrtaceae	<i>Eucalyptus</i>	1
<i>ater</i> (Linné, 1767)	PAL	Salicaceae	<i>Populus</i>	8
			<i>Salix</i>	4
<i>atlanticus</i> Curletti, 2005	NEO	Araliaceae	<i>Dendropanax</i>	1
<i>atricornis</i> Fisher, 1928	NEA	Lauraceae	<i>Nectandra</i>	1
		Betulaceae	<i>Corylus</i>	1
		Fagaceae	<i>Quercus</i>	1
<i>atriplicis atriplicis</i> Théry, 1900	PAL	Amaranthaceae	<i>Atriplex</i>	1
<i>audax</i> Horn, 1891	NEA	Fagaceae	<i>Quercus</i>	2
		Oleaceae	<i>Forestiera</i>	1
		Ulmaceae	<i>Ulmus</i>	1
<i>aureus</i> Chevrolat, 1838	NEA-NEO	Loasaceae	<i>Mentzelia</i>	1
<i>aureus</i> Chevrolat, 1838	NEA-NEO	Malvaceae	<i>Sphaeralcea</i>	2
		Malvaceae	<i>Sphaeralcea</i>	2
<i>auricollis</i> Kiesenwetter, 1857	PAL	Betulaceae	<i>Carpinus</i>	1
		Cannabaceae	<i>Celtis</i>	2
		Malvaceae	<i>Tilia</i>	3
		Moraceae	<i>Ficus</i>	1
		Ulmaceae	<i>Ulmus</i>	6
		Ulmaceae	<i>Ulmus</i>	6
<i>aurilaterus</i> Waterhouse, 1889	NEA-NEO	Compositae	<i>Baccharis</i>	1
<i>auripilis</i> Deyrolle, 1864	OR	Malvaceae	<i>Sterculia</i>	1
<i>auristernum</i> Obenberger, 1924	PAL-OR	Fagaceae	<i>Quercus</i>	1
<i>auriventris</i> Saunders, 1873	PAL-OR	Rutaceae	<i>Citrus</i>	1
<i>auroapicalis ishigakianus</i> Tōyama, 1985	PAL-OR	Rutaceae	<i>Euodia</i>	1
<i>aurociliatus</i> Théry, 1904	OR	Lythraceae	<i>Lagerstroemia</i>	1
		Malvaceae	<i>Grewia</i>	1
<i>auroguttatus</i> Schaeffer, 1905	NEA	Fagaceae	<i>Quercus</i>	10
<i>auropictus</i> Kerremans, 1912	PAL-OR	Fagaceae	<i>Quercus</i>	1
<i>aurovittatus</i> Hope, 1846	OR	Casuarinaceae	<i>Casuarina</i>	2
<i>australasiae</i> Gory & Laporte, 1839	OR	Leguminosae	<i>Acacia</i>	8
<i>babai</i> Tōyama, 1988	PAL-OR	Rutaceae	<i>Citrus</i>	1
<i>baboquivariae</i> Fisher, 1928	NEA	Cannabaceae	<i>Celtis</i>	1
		Rhamnaceae	<i>Condalia</i>	1
		Sapindaceae	<i>Sapindus</i>	1
		Sapotaceae	<i>Bumelia</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>babuinus</i> Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
<i>bailli</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	1
<i>balaenoides</i> Waterhouse, 1889	NEO	Leguminosae	<i>Acacia</i>	1
<i>barberi</i> Fisher, 1928	NEA	Leguminosae	<i>Robinia</i>	1
		Rhamnaceae	<i>Rhamnus</i>	1
<i>barri</i> Hespeneheide & Westcott, 2011	NEA		<i>Cercidium</i>	1
		Leguminosae	<i>Parkinsonia</i>	1
			<i>Prosopis</i>	1
<i>basilaris</i> Waterhouse, 1889	NEO	Leguminosae	<i>Inga</i>	1
<i>bauhiniae</i> Fisher, 1935	OR	Leguminosae	<i>Bauhinia</i>	1
<i>beauprei</i> beauprei Théry, 1930	PAL	Oleaceae	<i>Fraxinus</i>	1
<i>beauprei</i> mourguesi Schaefer, 1954	PAL	Oleaceae	<i>Fraxinus</i>	3
<i>benjamini</i> Fisher, 1928	NEA	Fagaceae	<i>Quercus</i>	3
<i>bentseni</i> Knull, 1954	NEA	Euphorbiaceae	<i>Bernardia</i>	1
<i>betulanigrae</i> MacRae, 2003	NEA	Betulaceae	<i>Betula</i>	1
		Sapindaceae	<i>Aesculus</i>	1
<i>betuleti</i> (Ratzeburg, 1837)	PAL	Betulaceae	<i>Betula</i>	7
<i>bifidus</i> Curletti & Brûlé, 2014	NEO	Leguminosae	<i>Senna</i>	1
<i>biguttatus</i> (Fabricius, 1777)	PAL		<i>Castanea</i>	1
		Fagaceae	<i>Fagus</i>	2
			<i>Quercus</i>	9
		Ulmaceae	<i>Ulmus</i>	1
<i>bilineatus</i> (Weber, 1801)	NEA	Betulaceae	<i>Ostrya</i>	1
		Fagaceae	<i>Castanea</i>	2
			<i>Quercus</i>	9
<i>birmanicus</i> Kerremans, 1892	OR	Leguminosae	<i>Dalbergia</i>	1
<i>blandus</i> Horn, 1891	NEA	Polygonaceae	<i>Eriogonum</i>	3
<i>boanoi</i> Curletti, 1998	AFR	Boraginaceae	<i>Cordia</i>	1
<i>boninensis</i> Kurosawa, 1963	OR	Cannabaceae	<i>Celtis</i>	1
<i>bonnottei</i> Bourgoin, 1925	OR	Leguminosae	<i>Pterocarpus</i>	1
<i>bonvouloirii</i> Murray, 1868	AFR	Leguminosae	<i>Albizia</i>	2
<i>bothrops</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	1
<i>braunsi</i> Obenberger, 1931	AFR	Leguminosae	<i>Acacia</i>	2
<i>breuningi</i> Descarpentries & Villiers, 1963	OR	Leguminosae	<i>Dalbergia</i>	1
<i>brevicornis</i> Guérin, 1840	OR	Leguminosae	<i>Acacia</i>	1
<i>brevis</i> Carter, 1924	OR	Casuarinaceae	<i>Casuarina</i>	1
<i>buresi</i> Obenberger, 1935	PAL	Fagaceae	<i>Quercus</i>	1
<i>burkei</i> Fisher, 1917	NEA	Betulaceae	<i>Alnus</i>	3
<i>caepa</i> Curletti & Dutto, 1999	AFR	Leguminosae	<i>Tamarindus</i>	1
<i>caesalpiniae</i> Hespeneheide, 1990	NEO	Leguminosae	<i>Caesalpinia</i>	2
<i>cailloli</i> malariae Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
<i>canaliculatus</i> Kerremans, 1898	AFR	Leguminosae	<i>Acacia</i>	1
<i>carinifemoralis</i> Kurosawa, 1964	PAL-OR	Euphorbiaceae	<i>Mallotus</i>	1
		Lauraceae	<i>Machilus</i>	1
		Malvaceae	<i>Hibiscus</i>	1
		Symplacaceae	<i>Symplocos</i>	1
<i>carissimus</i> (Waterhouse, 1889)	NEO	Leguminosae	<i>Cassia</i>	1
<i>carpini</i> Knull, 1923	NEA	Adoxaceae	<i>Viburnum</i>	1
		Betulaceae	<i>Carpinus</i>	2
			<i>Ostrya</i>	1
		Fagaceae	<i>Fagus</i>	1
		Leguminosae	<i>Gleditsia</i>	1
<i>carterellus</i> Obenberger, 1959	OR	Euphorbiaceae	<i>Claoxylon</i>	1
<i>castus</i> Descarpentries & Villiers, 1963	OR	Connaraceae	<i>Connarus</i>	1
<i>cavatus</i> Chevrolat, 1838	NEA-NEO	Anacardiaceae	<i>Rhus</i>	1
		Leguminosae	<i>Acacia</i>	2
<i>cavifrons</i> Waterhouse, 1889	NEA-NEO	Cannabaceae	<i>Celtis</i>	2
<i>celti</i> Knull, 1920	NEA	Betulaceae	<i>Corylus</i>	1
		Cannabaceae	<i>Celtis</i>	3
		Juglandaceae	<i>Carya</i>	1
			<i>Cercis</i>	1
		Leguminosae	<i>Gleditsia</i>	1
<i>centralis</i> Waterhouse, 1889	NEO	Leguminosae	<i>Cassia</i>	1
<i>centunculus</i> Curletti, 2005	NEO	Sapindaceae	<i>Matayba</i>	1
<i>cephalicus</i> LeConte, 1860	NEA	Betulaceae	<i>Corylus</i>	1
		Cornaceae	<i>Cornus</i>	3
		Fagaceae	<i>Quercus</i>	1
		Juglandaceae	<i>Juglans</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>cercidii</i> Knull, 1937	NEA-NEO	Leguminosae	<i>Cercidium</i>	1
			<i>Prosopis</i>	1
<i>cerinoguttatus</i> Chevrolat, 1835	NEO	Leguminosae	<i>Acacia</i>	1
<i>cervus</i> Curletti, 2006	OR	Fagaceae	<i>Castanopsis</i>	1
			<i>Lithocarpus</i>	1
<i>chamaelae</i> Hespeneide, 1990	NEA-NEO	Leguminosae	<i>Lonchocarpus</i>	1
<i>champlaini</i> Frost, 1912	NEA		<i>Alnus</i>	1
		Betulaceae	<i>Carpinus</i>	1
			<i>Ostrya</i>	1
<i>chekiangensis</i> Gebhardt, 1929	PAL-OR	Anacardiaceae	<i>Rhus</i>	1
<i>chionochaetus</i> Obenberger, 1913	PAL	Amaranthaceae	<i>Salsola</i>	2
<i>chirichuahae</i> Fisher, 1928	NEA	Fagaceae	<i>Quercus</i>	3
		Leguminosae	<i>Mimosa</i>	1
		Platanaceae	<i>Platanus</i>	1
<i>chlorophyllus</i> Abeille de Perrin, 1904	PAL	Anacardiaceae	<i>Pistacia</i>	4
<i>chobauti</i> Abeille de Perrin, 1897	PAL	Hypericaceae	<i>Hypericum</i>	1
<i>chrysobothroides</i> Hespeneide, 2009	NEO		<i>Cassia</i>	1
		Leguminosae	<i>Mimosa</i>	1
			<i>Senna</i>	1
<i>chujoi</i> Kurosawa, 1985	PAL-OR	Leguminosae	<i>Pueraria</i>	1
<i>cinctus</i> (Olivier, 1790)	PAL		<i>Cytisus</i>	1
		Leguminosae	<i>Genista</i>	4
			<i>Sarothamnus</i>	2
			<i>Spartium</i>	3
<i>cladrastis</i> Knull, 1945	NEA	Leguminosae	<i>Cladrastis</i>	1
<i>cliftoni</i> Knull, 1941	NEA	Caprifoliaceae	<i>Lonicera</i>	1
		Cornaceae	<i>Cornus</i>	1
		Juglandaceae	<i>Carya</i>	1
			<i>Juglans</i>	1
		Leguminosae	<i>Cercis</i>	1
		Platanaceae	<i>Platanus</i>	1
<i>clytρινoides</i> Bellamy & Hespeneide, 2002	NEO	Leguminosae	<i>Prosopis</i>	1
<i>collaris</i> (Waterhouse, 1889)	NEO	Leguminosae	<i>Acacia</i>	1
			<i>Eysenhardtia</i>	1
<i>colonicus</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	2
<i>concinus</i> Horn, 1891	NEA	Malvaceae	<i>Hibiscus</i>	3
<i>confusus</i> Waterhouse, 1889	AFR	Leguminosae	<i>Inga</i>	1
<i>constantini</i> Obenberger, 1927	PAL	Leguminosae	<i>Caragana</i>	3
			<i>Halimodendron</i>	1
<i>convexicollis</i> Redtenbacher, 1847	PAL	Celastraceae	<i>Euonymus</i>	1
			<i>Fraxinus</i>	4
		Oleaceae	<i>Ligustrum</i>	2
			<i>Olea</i>	1
			<i>Syringa</i>	1
<i>convexifrons</i> Kiesenwetter, 1857	PAL	Betulaceae	<i>Corylus</i>	1
		Fagaceae	<i>Fagus</i>	1
		Loranthaceae	<i>Loranthus</i>	1
<i>corrugatus</i> (Waterhouse, 1889)	NEO	Leguminosae	<i>Acacia</i>	1
<i>corylicola</i> Fisher, 1928	NEA	Betulaceae	<i>Corylus</i>	3
<i>coxalis</i> Waterhouse, 1889	NEO	Fagaceae	<i>Quercus</i>	7
<i>crapulellus</i> Thomson, 1879	NEO	Leguminosae	<i>Cassia</i>	1
<i>crataegi</i> Frost, 1912	NEA	Juglandaceae	<i>Juglans</i>	1
		Rosaceae	<i>Amelanchier</i>	1
			<i>Crataegus</i>	3
<i>criddlei</i> Frost, 1920	NEA	Salicaceae	<i>Salix</i>	2
<i>crinicornis</i> Horn, 1891	NEA	Ebenaceae	<i>Diospyros</i>	1
		Fagaceae	<i>Fagus</i>	2
			<i>Quercus</i>	2
		Juglandaceae	<i>Carya</i>	1
			<i>Juglans</i>	1
		Leguminosae	<i>Gleditsia</i>	1
<i>cristianoi</i> Curletti & Vayssières, 2007	AFR	Leguminosae	<i>Isobertlinia</i>	1
<i>croceivestis</i> Marseul, 1866	PAL	Amaranthaceae	<i>Suaeda</i>	1
		Tamaricaceae	<i>Tamarix</i>	1
<i>ctenias</i> Théry, 1934	AFR	Leguminosae	<i>Acacia</i>	1
<i>cteniasiformis</i> Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1

(continued)



Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
cupes Lewis, 1893	PAL	Hydrangeaceae	<i>Philadelphus</i>	1
		Staphyleaceae	<i>Staphylea</i>	1
cupreinitens Fisher, 1928	NEA-NEO	Leguminosae	<i>Acacia</i>	3
			<i>Prosopis</i>	1
cuprescens amethystopterus Semenov, 1891	PAL	Cornaceae	<i>Cornus</i>	2
cuprescens chrysoderes Abeille de Perrin, 1891	PAL	Rosaceae	<i>Rosa</i>	2
			<i>Rubus</i>	2
cuprescens cuprescens (Ménétriés, 1832)	PAL		<i>Hulthemia</i>	1
		Rosaceae	<i>Rosa</i>	21
			<i>Rubus</i>	4
cupriventris Gory & Laporte, 1839	AFR	Leguminosae	<i>Acacia</i>	1
curtulus Mulsant & Rey, 1863	PAL	Fagaceae	<i>Quercus</i>	7
cyaneoniger Saunders, 1873	PAL-OR	Fagaceae	<i>Quercus</i>	10
cyanescens cyanescens (Ratzeburg, 1837)	PAL		<i>Lonicera</i>	10
		Caprifoliaceae	<i>Symphoricarpos</i>	3
		Rhamnaceae	<i>Rhamnus</i>	2
		Rosaceae	<i>Rosa</i>	2
cyanescens johannidesi Niehuis, 1999	PAL	Caprifoliaceae	<i>Lonicera</i>	1
cyanipennis Gory & Laporte, 1839	OR	Leguminosae	<i>Dalbergia</i>	1
cyphothoracoides Hesperheide, 2008	NEO	Lamiaceae	<i>Salvia</i>	1
		Leguminosae	<i>Eysenhardtia</i>	1
cypselus Curletti, 2006	OR	Fagaceae	<i>Castanopsis</i>	2
cytisi Baudi, 1870	PAL	Leguminosae	<i>Cytisus</i>	4
			<i>Laburnum</i>	1
dahoi Baudon, 1965	OR	Pinaceae	<i>Pinus</i>	1
daimio Obenberger, 1936	PAL	Betulaceae	<i>Carpinus</i>	1
		Celastraceae	<i>Euonymus</i>	1
		Lauraceae	<i>Parabenzoin</i>	1
		Sympllocaceae	<i>Symplocos</i>	1
dama Curletti, 2006	OR	Fagaceae	<i>Castanopsis</i>	1
deauratus MacLeay, 1872	OR	Leguminosae	<i>Acacia</i>	1
		Myrtaceae	<i>Eucalyptus</i>	1
		Putranjivaceae	<i>Drypetes</i>	1
debilis Fähræus, 1851	AFR	Leguminosae	<i>Acacia</i>	1
decoloratus Kerremans, 1892	PAL-OR	Cannabaceae	<i>Celtis</i>	1
		Fagaceae	<i>Quercus</i>	1
decupratus Curletti, 2001	OR	Leguminosae	<i>Acacia</i>	1
		Malvaceae	<i>Heritiera</i>	1
defectus LeConte, 1860	NEA	Fagaceae	<i>Quercus</i>	5
		Juglandaceae	<i>Carya</i>	1
deguchii Tōyama, 1985	PAL-OR	Cannabaceae	<i>Celtis</i>	1
		Ebenaceae	<i>Diospyros</i>	1
delenitor celtivorus Curletti, 1998	AFR	Cannabaceae	<i>Celtis</i>	1
delmastrellus Curletti & Vayssières, 2007	AFR	Leguminosae	<i>Parkia</i>	1
delphinensis Abeille de Perrin, 1897	PAL	Salicaceae	<i>Salix</i>	5
derasofasciatus Lacordaire, 1835	PAL	Vitaceae	<i>Vitis</i>	2
derrisi Théry, 1930	OR	Leguminosae	<i>Derris</i>	1
desertus (Klug, 1829)	PAL-AFR	Leguminosae	<i>Acacia</i>	3
detractus Waterhouse, 1889	NEO		<i>Acacia</i>	3
		Leguminosae	<i>Lonchocarpus</i>	1
			<i>Prosopis</i>	1
dhotmanae Curletti, 1999	AFR	Leguminosae	<i>Acacia</i>	1
dianthus Kerremans, 1892	OR	Leguminosae	<i>Pterocarpus</i>	1
		Malvaceae	<i>Abelmoschus</i>	1
			<i>Corchorus</i>	1
			<i>Hibiscus</i>	1
			<i>Urena</i>	1
difficilis Gory, 1841	NEA	Leguminosae	<i>Gleditsia</i>	1
		Rutaceae	<i>Xanthoxylum</i>	1
diospyroides Knull, 1942	NEA	Ebenaceae	<i>Diospyros</i>	1
discalis Saunders, 1873	PAL-OR	Cannabaceae	<i>Celtis</i>	1
		Ulmaceae	<i>Zelkova</i>	1
discoloriformis Obenberger, 1920	PAL-AFR	Leguminosae	<i>Acacia</i>	1
disorientatus Curletti, Ribeiro & Migliore, 2013	NEO	Leguminosae	<i>Plathymenia</i>	1
divaricatus Waterhouse, 1889	NEA-NEO	Leguminosae	<i>Mimosa</i>	1
diversicolor (Wallengren, 1881)	AFR	Leguminosae	<i>Acacia</i>	1
diversornatus Jendek, 2011	PAL	Rosaceae	<i>Sorbaria</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
dollii Schaeffer, 1904	NEA-NEO	Ebenaceae	<i>Diospyros</i>	1
		Leguminosae	<i>Acacia</i>	1
dollmani tsetsei Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
dozieri Fisher, 1918	NEA	Betulaceae	<i>Ostrya</i>	1
		Fagaceae	<i>Quercus</i>	1
drumonti Curletti & Vayssières, 2007	AFR	Leguminosae	<i>Isoberlinia</i>	1
duncani Knull, 1929	NEA-NEO	Compositae	<i>Baccharis</i>	1
			<i>Chrysothamnus</i>	1
		Leguminosae	<i>Acacia</i>	1
ecarinatus Marseul, 1866	PAL	Compositae	<i>Artemisia</i>	3
		Nitrariaceae	<i>Nitraria</i>	1
echidna Curletti, 2001	OR	Casuarinaceae	<i>Allocasuarina</i>	1
			<i>Casuarina</i>	1
		Leguminosae	<i>Acacia</i>	1
		Myrtaceae	<i>Leptospermum</i>	1
egeniformis Champlain & Knull, 1923	NEA	Cannabaceae	<i>Celtis</i>	1
		Leguminosae	<i>Gleditsia</i>	1
			<i>Robinia</i>	1
		Sapindaceae	<i>Sapindus</i>	1
egenus Gory, 1841	NEA	Juglandaceae	<i>Hicoria</i>	2
		Leguminosae	<i>Robinia</i>	2
		Vitaceae	<i>Parthenocissus</i>	1
eleanorae Fisher, 1928	NEA-NEO	Leguminosae	<i>Acacia</i>	3
			<i>Pithecellobium</i>	1
elegans elegans Mulsant & Rey, 1863	PAL		<i>Cistus</i>	6
		Cistaceae	<i>Halimium</i>	1
			<i>Helianthemum</i>	6
		Compositae	<i>Anthemis</i>	1
		Ericaceae	<i>Erica</i>	2
elegans teucarii Schaefer, 1949	PAL	Lamiaceae	<i>Teucrium</i>	2
elongatulus Gory & Laporte, 1839	AFR	Leguminosae	<i>Acacia</i>	1
enriquei Murria Beltrán & Murria Beltrán, 2007	PAL	Rosaceae	<i>Prunus</i>	1
esakii Kurosawa, 1964	PAL	Ebenaceae	<i>Diospyros</i>	1
		Fagaceae	<i>Castanopsis</i>	1
		Lauraceae	<i>Machilus</i>	1
euonymi Tōyama, 1985	PAL	Celastraceae	<i>Euonymus</i>	1
		Fagaceae	<i>Quercus</i>	1
		Rosaceae	<i>Prunus</i>	1
exiguellus Fisher, 1928	NEA	Fagaceae	<i>Quercus</i>	1
exsapindi Vogt, 1949	NEA	Sapindaceae	<i>Sapindus</i>	1
extraneus Fisher, 1933	OR	Papaveraceae	<i>Argemone</i>	1
fallax Say, 1833	NEA	Cannabaceae	<i>Celtis</i>	3
		Cornaceae	<i>Cornus</i>	1
		Ebenaceae	<i>Diospyros</i>	1
		Juglandaceae	<i>Juglans</i>	1
		Leguminosae	<i>Gleditsia</i>	1
		Malvaceae	<i>Tilia</i>	1
		Rosaceae	<i>Crataegus</i>	1
		Sapindaceae	<i>Acer</i>	1
felix Horn, 1891	NEA	Amaranthaceae	<i>Atriplex</i>	1
			<i>Grayia</i>	1
			<i>Dalea</i>	1
		Leguminosae	<i>Parkinsonia</i>	1
			<i>Prosopis</i>	2
		Malvaceae	<i>Sphaeralcea</i>	3
femoralis Waterhouse, 1889	NEO	Cannabaceae	<i>Celtis</i>	1
ferrisi Dury, 1908	NEA	Cannabaceae	<i>Celtis</i>	1
		Sapindaceae	<i>Acer</i>	1
finellei Curletti & Vayssières, 2007	AFR	Leguminosae	<i>Isoberlinia</i>	1
fisherellus Obenberger, 1936	NEA	Cannabaceae	<i>Celtis</i>	3
		Compositae	<i>Baccharis</i>	1
		Euphorbiaceae	<i>Stillingia</i>	1
		Fagaceae	<i>Quercus</i>	1
		Leguminosae	<i>Acacia</i>	1
			<i>Prosopis</i>	1
fisherianus Knull, 1930	NEA	Salicaceae	<i>Salix</i>	2

(continued)

**Table 2** (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
fleischeri Oberberger, 1925	PAL	Salicaceae	<i>Populus</i>	3
			<i>Salix</i>	2
floridanus Crotch, 1873	NEA-NEO	Cactaceae	<i>Opuntia</i>	1
		Ericaceae	<i>Vaccinium</i>	1
		Fagaceae	<i>Quercus</i>	1
forschhammeri Curletti, 1998	AFR	Leguminosae	<i>Acacia</i>	1
fortunatus Lewis, 1893	PAL	Fagaceae	<i>Fagus</i>	1
francottei Curletti, 1997	AFR	Leguminosae	<i>Albizia</i>	1
frenchi Blackburn, 1891	OR	Malvaceae	<i>Heritiera</i>	1
		Putranjivaceae	<i>Drypetes</i>	1
frequens Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
friebei Oberberger, 1922	PAL	Fagaceae	<i>Quercus</i>	5
		Rhamnaceae	<i>Rhamnus</i>	1
		Vitaceae	<i>Vitis</i>	1
frosti Knull, 1920	NEA	Fagaceae	<i>Quercus</i>	2
		Juglandaceae	<i>Carya</i>	1
fulgens LeConte, 1860	NEA	Betulaceae	<i>Corylus</i>	1
fulvovittatus Fisher, 1921	OR	Leguminosae	<i>Acacia</i>	1
funebri funebris Deyrolle, 1864	OR	Fagaceae	<i>Castanopsis</i>	1
			<i>Lithocarpus</i>	1
		Leguminosae	<i>Acacia</i>	1
funestus Gory, 1841	NEO	Leguminosae	<i>Acacia</i>	1
			<i>Mimosa</i>	1
furcillatus Chevrolat, 1834	NEO	Pinaceae	<i>Pinus</i>	1
		Poaceae	<i>Zea</i>	1
		Rubiaceae	<i>Coffea</i>	1
fuscipennis Gory, 1841	NEA	Ebenaceae	<i>Diospyros</i>	2
		Ericaceae	<i>Oxydendrum</i>	1
ganglbaueri Semenov, 1891	PAL	Salicaceae	<i>Populus</i>	3
gazzella Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
geminatus (Say, 1823)	NEA	Fagaceae	<i>Quercus</i>	5
		Juglandaceae	<i>Carya</i>	1
			<i>Juglans</i>	1
		Leguminosae	<i>Gymnocladus</i>	1
geronimoi Knull, 1950	NEA	Fagaceae	<i>Quercus</i>	1
gestroi Kerremans, 1906	AFR	Leguminosae	<i>Albizia</i>	2
gianassoii Magnani & Niehuis, 1994	PAL	Anacardiaceae	<i>Pistacia</i>	1
gibbicollis Fall, 1901	NEA	Compositae	<i>Gutierrezia</i>	1
		Fagaceae	<i>Quercus</i>	1
		Leguminosae	<i>Prosopis</i>	1
giesberti Hesperheide, 2009	NEO	Leguminosae	<i>Mimosa</i>	1
gillespiensis Knull, 1947	NEA	Cannabaceae	<i>Celtis</i>	1
giorgiae Curletti, 2004	AFR	Leguminosae	<i>Parkia</i>	1
globulifrons Oberberger, 1920	PAL	Hypericaceae	<i>Hypericum</i>	1
goergeni Curletti & Vayssières, 2007	AFR	Leguminosae	<i>Parkia</i>	1
gordoni Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
graecus Oberberger, 1916	PAL	Santalaceae	<i>Viscum</i>	3
graminis Kiesenwetter, 1857	PAL	Adoxaceae	<i>Viburnum</i>	1
			<i>Alnus</i>	1
		Betulaceae	<i>Betula</i>	1
			<i>Corylus</i>	2
			<i>Ostrya</i>	1
		Celastraceae	<i>Euonymus</i>	1
			<i>Castanea</i>	1
		Fagaceae	<i>Fagus</i>	2
			<i>Quercus</i>	12
		Sapindaceae	<i>Acer</i>	1
grandiceps cyrenaicus Curletti, 2005	PAL	Fagaceae	<i>Quercus</i>	1
grandiceps grandiceps Kiesenwetter, 1857	PAL	Fagaceae	<i>Quercus</i>	3
grandiceps hemiphanes Marseul, 1866	PAL	Fagaceae	<i>Quercus</i>	5
grandinatus Curletti, 2010	NEO	Bignoniaceae	<i>Arrabidaea</i>	1
			<i>Pithecoctenium</i>	1
		Moraceae	<i>Castilla</i>	1
		Sapindaceae	<i>Serjania</i>	1
grandis Gory & Laporte, 1839	AFR	Leguminosae	<i>Acacia</i>	1
			<i>Albizia</i>	3

(continued)



Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
granulatus granulatus (Say, 1823)	NEA	Betulaceae	<i>Betula</i>	1
		Salicaceae	<i>Populus</i>	4
granulatus liragus Barter & Brown, 1949	NEA	Salicaceae	<i>Populus</i>	6
granulatus mojavei Knull, 1952	NEA	Salicaceae	<i>Populus</i>	2
granulatus populi Fisher, 1928	NEA	Salicaceae	<i>Populus</i>	2
gregori Obenberger, 1936	PAL	Leguminosae	<i>Adenocarpus</i>	1
grisorator Kerremans, 1893	OR	Rutaceae	<i>Citrus</i>	3
griseoniger Hespeneheide, 1990	NEO	Leguminosae	<i>Acacia</i>	1
gueorguievi Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
guerini Lacordaire, 1835	PAL	Salicaceae	<i>Salix</i>	9
guerryi Obenberger, 1933	AFR	Leguminosae	<i>Dichrostachys</i>	1
gussakovskiji Alexeev, 1981	PAL	Juglandaceae	<i>Juglans</i>	1
		Ulmaceae	<i>Ulmus</i>	1
harenus Nelson, 1994	NEA	Euphorbiaceae	<i>Croton</i>	1
harmodius centrafricanus Curletti, 1998	AFR	Leguminosae	<i>Acacia</i>	1
harmodius harmodius Obenberger, 1935	AFR	Leguminosae	<i>Albizia</i>	1
hassani Théry, 1930	PAL	Rosaceae	<i>Rubus</i>	1
hastulatus Fähræus, 1851	AFR	Leguminosae	<i>Albizia</i>	2
hastulifer (Ratzeburg, 1837)	PAL	Betulaceae	<i>Alnus</i>	1
			<i>Carpinus</i>	2
			<i>Castanea</i>	2
			<i>Quercus</i>	12
hastuliformis Novak, 2003	PAL	Fagaceae	<i>Quercus</i>	1
hattorii Nakane, 1983	PAL	Fagaceae	<i>Quercus</i>	2
hectori Curletti, 2005	NEO	Anacardiaceae	<i>Astronium</i>	1
		Bignoniaceae	<i>Stizophyllum</i>	1
		Combretaceae	<i>Combretum</i>	1
		Heliconiaceae	<i>Heliconia</i>	1
		Rhamnaceae	<i>Gouania</i>	1
hehe Curletti & Dutto, 1999	AFR	Leguminosae	<i>Brachystegia</i>	1
hespenheidei Nelson, 1991	NEA	Fagaceae	<i>Quercus</i>	1
		Leguminosae	<i>Prosopis</i>	1
		Poaceae	<i>Andropogon</i>	1
		Compositae	<i>Heterotheca</i>	1
hirashimai hirashimai Kurosawa, 1964	PAL-OR	Fagaceae	<i>Castanopsis</i>	1
hittita Magnani, 1996	PAL	Fagaceae	<i>Quercus</i>	1
horni Kerremans, 1900	NEA	Salicaceae	<i>Populus</i>	4
howdenae Curletti, 1999	AFR	Leguminosae	<i>Acacia</i>	1
howdeni Knull, 1957	NEA	Platanaceae	<i>Platanus</i>	1
howdenorum Hespeneheide, 2008	NEO	Santalaceae	<i>Phoradendron</i>	1
huachucae Schaeffer, 1905	NEA		<i>Brickellia</i>	1
		Compositae	<i>Helianthus</i>	1
hualpaii Knull, 1939	NEA	Fagaceae	<i>Quercus</i>	1
		Leguminosae	<i>Acacia</i>	1
			<i>Prosopis</i>	1
hyperici (Creutzer, 1799)	PAL	Hypericaceae	<i>Hypericum</i>	4
hypericicola Abeille de Perrin, 1893	PAL	Hypericaceae	<i>Hypericum</i>	2
hypoleucus Gory & Laporte, 1839	OR	Casuarinaceae	<i>Casuarina</i>	2
		Leguminosae	<i>Acacia</i>	9
		Myrtaceae	<i>Leptospermum</i>	1
ibericus Sobrino Sánchez & Tolosa Sánchez, 2005	PAL	Lamiaceae	<i>Teucrium</i>	1
ignotus Waterhouse, 1889	NEO	Cannabaceae	<i>Celtis</i>	1
illectus Fall, 1901	NEA	Amaranthaceae	<i>Atriplex</i>	1
		Leguminosae	<i>Lotus</i>	4
			<i>Prosopis</i>	1
imbellis Crotch, 1873	NEA	Polygonaceae	<i>Eriogonum</i>	1
		Cistaceae	<i>Helianthemum</i>	2
			<i>Lechea</i>	1
imitans Lewis, 1893	PAL	Compositae	<i>Bigelowia</i>	1
			<i>Rudbeckia</i>	1
		Cannabaceae	<i>Celtis</i>	1
impexus Horn, 1891	NEA	Ulmaceae	<i>Ulmus</i>	1
			<i>Zelkova</i>	1
impexus Horn, 1891	NEA	Compositae	<i>Chrysothamnus</i>	1
inadai Fukutomi, 2006	PAL-OR	Sapindaceae	<i>Acer</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>inamoenus</i> Kerremans, 1892	OR	Adoxaceae	<i>Sambucus</i>	1
		Rutaceae	<i>Citrus</i>	1
<i>incongruellus</i> Obenberger, 1935	OR	Leguminosae	<i>Samanea</i>	1
<i>incredulus</i> Curletti, 2005	NEO	Bignoniaceae	<i>Tynanthus</i>	1
<i>indignus</i> Fairmaire, 1849	OR	Malvaceae	<i>Hibiscus</i>	2
<i>inexpectatus</i> Novak & Curletti, 2007	AFR	Leguminosae	<i>Acacia</i>	1
<i>ingae</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	1
<i>inhabilis chalcogaster</i> Van Dyke, 1946	NEA	Compositae	<i>Baccharis</i>	1
			<i>Gutierrezia</i>	2
			<i>Hymenoclea</i>	1
		Leguminosae	<i>Cassia</i>	1
		Rutaceae	<i>Thamnosma</i>	1
<i>inhabilis cuprinus</i> Nelson, 1991	NEA	Compositae	<i>Chrysothamnus</i>	1
			<i>Gutierrezia</i>	1
<i>inhabilis inhabilis</i> Kerremans, 1900	NEA	Compositae	<i>Baccharis</i>	1
			<i>Hymenoclea</i>	2
		Leguminosae	<i>Cassia</i>	1
<i>inops</i> Kerremans, 1892	OR	Malvaceae	<i>Sterculia</i>	1
<i>integerrimus</i> (Ratzeburg, 1837)	PAL	Salicaceae	<i>Salix</i>	2
		Thymelaeaceae	<i>Daphne</i>	4
<i>interstitialis</i> Hespeneheide & Westcott, 2011	NEA-NEO	Leguminosae	<i>Prosopis</i>	1
<i>invectus</i> Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
<i>irruptus</i> Obenberger, 1931	AFR	Cannabaceae	<i>Celtis</i>	1
<i>isoberliniae</i> Curletti & Vayssières, 2007	AFR	Leguminosae	<i>Isoberlinia</i>	1
<i>ivetteae</i> Curletti, 2010	NEO	Leguminosae	<i>Acacia</i>	1
			<i>Caesalpinia</i>	1
<i>ixcuinae</i> Fisher, 1938	NEO	Leguminosae	<i>Acacia</i>	1
<i>jacetanus</i> Sobrino Sánchez & Tolosa Sánchez, 2004	PAL	Santalaceae	<i>Viscum</i>	1
<i>japanocarinaratus</i> Ohmomo, 2002	PAL	Oleaceae	<i>Fraxinus</i>	1
<i>javicola</i> Fisher, 1935	OR	Leguminosae	<i>Acacia</i>	1
<i>jenningsi</i> Fisher, 1938	NEO	Bignoniaceae	<i>Stizophyllum</i>	1
		Leguminosae	<i>Inga</i>	1
		Rhamnaceae	<i>Gouania</i>	1
<i>jiloi</i> Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
<i>lecontei celticola</i> Fisher, 1928	NEA	Cannabaceae	<i>Celtis</i>	5
		Compositae	<i>Baccharis</i>	1
			<i>Leucaena</i>	1
		Leguminosae	<i>Pithecellobium</i>	1
		Sapindaceae	<i>Sapindus</i>	1
<i>lecontei lecontei</i> Saunders, 1871	NEA	Cannabaceae	<i>Celtis</i>	3
<i>leucaenae</i> Hespeneheide, 2009	NEO	Leguminosae	<i>Leucaena</i>	2
<i>limoniastri</i> Bedel, 1886	PAL	Plumbaginaceae	<i>Limoniastrum</i>	1
<i>limpiae</i> Knull, 1941	NEA	Rutaceae	<i>Ptelea</i>	1
		Sapindaceae	<i>Sapindus</i>	2
<i>lineola lineola</i> Kiesenwetter, 1857	PAL	Salicaceae	<i>Salix</i>	5
<i>lineola shamyi</i> Obenberger, 1922	PAL	Salicaceae	<i>Salix</i>	1
<i>lithocarpus</i> Curletti, 2006	OR	Fagaceae	<i>Lithocarpus</i>	1
<i>litura</i> Kiesenwetter, 1857	PAL	Fagaceae	<i>Quercus</i>	5
<i>litratus</i> (Klug, 1829)	PAL-AFR	Leguminosae	<i>Acacia</i>	4
<i>ljubomirovi</i> Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
<i>lopatini</i> Alexeev, 1964	PAL	Polygonaceae	<i>Atraphaxis</i>	1
<i>lucanus</i> Fall, 1906	NEA-NEO	Ebenaceae	<i>Diospyros</i>	1
<i>lucindae</i> Hespeneheide, 2010	NEO	Acanthaceae	<i>Justicia</i>	1
<i>luctator</i> Kerremans, 1903	NEA-NEO	Leguminosae	<i>Acacia</i>	2
<i>mabokeanus</i> Curletti, 1998	AFR	Ebenaceae	<i>Diospyros</i>	1
<i>macer</i> LeConte, 1858	NEA	Cannabaceae	<i>Celtis</i>	4
<i>macrocephalus</i> Curletti, 2006	OR	Fagaceae	<i>Castanopsis</i>	1

(continued)

**Table 2** (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa	
macroderus Abeille de Perrin, 1897	PAL	Rosaceae	<i>Amygdalus</i>	1	
			<i>Malus</i>	1	
			<i>Prunus</i>	7	
			<i>Pyrus</i>	1	
maddalena Curletti, 1998	AFR	Leguminosae	<i>Albizia</i>	1	
madedi Baudon, 1968	PAL-OR	Fagaceae	<i>Quercus</i>	1	
makiharaiellus Ohmomo, 2006	PAL-OR	Fagaceae	<i>Castanopsis</i>	1	
mali Matsumura, 1924	PAL-OR	Rosaceae	<i>Malus</i>	3	
			<i>Pyrus</i>	1	
malicola Rungs & Schaefer, 1948	PAL	Rosaceae	<i>Malus</i>	1	
malloti Théry, 1930	PAL-OR	Euphorbiaceae	<i>Mallotus</i>	1	
mallotiellus Kurosawa, 1985	PAL	Euphorbiaceae	<i>Mallotus</i>	1	
malvastri Fisher, 1928	NEA	Malvaceae	<i>Malvastrum</i>	1	
			<i>Sphaeralcea</i>	1	
			<i>Eriogonum</i>	1	
marcens Obenberger, 1935	AFR	Leguminosae	<i>Paraberlinia</i>	1	
marginicollis Saunders, 1873	PAL	Vitaceae	<i>Vitis</i>	1	
margotanae Novak, 2001	PAL	Rosaceae	<i>Crataegus</i>	1	
			<i>Prunus</i>	1	
			<i>Acacia</i>	1	
marietae Curletti & Sakalian, 2007	AFR	Leguminosae	<i>Acacia</i>	1	
marozzinii Gobbi, 1974	PAL	Anacardiaceae	<i>Pistacia</i>	4	
masculinus Horn, 1891	NEA	Anacardiaceae	<i>Rhus</i>	1	
			Betulaceae	<i>Ostrya</i>	1
			Fagaceae	<i>Quercus</i>	2
			Juglandaceae	<i>Carya</i>	1
			Lauraceae	<i>Sassafras</i>	1
			Leguminosae	<i>Cercis</i>	1
				<i>Gleditsia</i>	1
				<i>Gymnocladus</i>	1
			Sapindaceae	<i>Acer</i>	5
				<i>Aesculus</i>	2
			mashunus Péringuey, 1908	AFR	Leguminosae
massanensis Schaefer, 1955	PAL	Salicaceae	<i>Populus</i>	3	
			<i>Salix</i>	3	
mastersii MacLeay, 1872	OR	Leguminosae	<i>Acacia</i>	2	
matacottai Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1	
mediocris Kerremans, 1900	OR	Rutaceae	<i>Citrus</i>	1	
melanocerus Curletti, 2005	NEO	Leguminosae	<i>Acacia</i>	1	
meloni Curletti, 1986	PAL	Tamaricaceae	<i>Tamarix</i>	1	
mendax Mannerheim, 1837	PAL	Rosaceae	<i>Sorbus</i>	3	
metropolitanus Curletti, 2005	NEO	Malvaceae	<i>Luehea</i>	1	
			Piperaceae	<i>Piper</i>	1
mimosae Fisher, 1928	NEA	Leguminosae	<i>Acacia</i>	1	
			<i>Calliandra</i>	1	
			<i>Mimosa</i>	2	
mixtus Kerremans, 1892	OR	Leguminosae	<i>Bauhinia</i>	1	
			<i>Millettia</i>	1	
			<i>Pueraria</i>	1	
			<i>Quercus</i>	4	
moerens Saunders, 1873	PAL-OR	Fagaceae	<i>Quercus</i>	1	
mogadoricus mogadoricus Escalera, 1914	PAL	Leguminosae	<i>Cytisus</i>	1	
			<i>Genista</i>	1	
			<i>Retama</i>	1	
mogadoricus talboti Théry, 1930	PAL	Leguminosae	<i>Adenocarpus</i>	1	
			<i>Genista</i>	2	
monogrammus Thomson, 1879	PAL-OR	Fagaceae	<i>Quercus</i>	1	
montosae Barr, 2008	NEA	Leguminosae	<i>Prosopis</i>	1	
morawitzi Obenberger, 1936	PAL	Amaranthaceae	<i>Ceratoides</i>	1	
			<i>Eurotia</i>	2	
			<i>Krascheninnikovia</i>	1	
			Leguminosae	<i>Caragana</i>	1
moriscus Obenberger, 1913	PAL	Leguminosae	<i>Genista</i>	1	
			<i>Retama</i>	2	
morobensis Curletti, 2006	OR	Fagaceae	<i>Castanopsis</i>	1	
			<i>Lithocarpus</i>	1	
motoinus Obenberger, 1935	AFR	Cannabaceae	<i>Celtis</i>	1	

(continued)

**Table 2** (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>muscarius</i> Kerremans, 1895	PAL-OR	Leguminosae	<i>Indigofera</i>	1
<i>mutabilis</i> Waterhouse, 1889	NEO	Leguminosae	<i>Acacia</i>	2
<i>muticus</i> LeConte, 1858	NEA	Malvaceae	<i>Callirhoe</i>	1
<i>myops</i> Curletti, 1998	AFR	Leguminosae	<i>Acacia</i>	1
<i>napatecutli</i> Fisher, 1938	NEO	Leguminosae	<i>Acacia</i>	1
<i>navarrei</i> Baudon, 1965	OR	Moraceae	<i>Ficus</i>	1
<i>nebulatus</i> Curletti, 2006	OR	Fagaceae	<i>Castanopsis</i>	1
			<i>Lithocarpus</i>	1
		Lauraceae	<i>Cryptocarya</i>	1
		Podocarpaceae	<i>Phyllocladus</i>	1
<i>nelsonodaimio</i> Ohmomo, 2006	PAL	Ericaceae	<i>Rhododendron</i>	1
<i>neoprosopidus</i> Knull, 1938	NEA-NEO		<i>Acacia</i>	1
		Leguminosae	<i>Leucaena</i>	2
			<i>Lysiloma</i>	1
<i>nevadensis</i> Horn, 1891	NEA	Salicaceae	<i>Populus</i>	3
			<i>Salix</i>	1
<i>nicolanus</i> Obenberger, 1924	PAL	Fagaceae	<i>Quercus</i>	1
		Ulmaceae	<i>Ulmus</i>	1
<i>nigeriae</i> Obenberger, 1935	AFR	Leguminosae	<i>Parkia</i>	1
<i>nigricans</i> Gory, 1841	NEA	Fagaceae	<i>Quercus</i>	1
<i>nipponigena</i> Obenberger, 1935	PAL	Ebenaceae	<i>Diospyros</i>	2
		Salicaceae	<i>Salix</i>	2
<i>niveoguttatus</i> Kerremans, 1892	OR	Fagaceae	<i>Quercus</i>	1
<i>niveosignatus</i> Obenberger, 1914	PAL	Amaranthaceae	<i>Salsola</i>	2
		Leguminosae	<i>Acacia</i>	1
<i>nivosus</i> Abeille de Perrin, 1900	PAL	Compositae	<i>Artemisia</i>	1
<i>njugunai</i> Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
<i>nodifrons</i> Waterhouse, 1889	NEO	Boraginaceae	<i>Varronia</i>	1
<i>nubeculosus deserticola</i> Descarpentries & Bruneau de Miré, 1963	PAL-AFR	Leguminosae	<i>Acacia</i>	2
<i>nubeculosus nubeculosus</i> Fairmaire, 1891	PAL-AFR	Leguminosae	<i>Acacia</i>	2
<i>oblongus</i> Fisher, 1928	NEA	Cannabaceae	<i>Celtis</i>	2
		Vitaceae	<i>Vitis</i>	1
<i>obolinus</i> LeConte, 1860	NEA	Cannabaceae	<i>Celtis</i>	2
		Compositae	<i>Baccharis</i>	1
		Ulmaceae	<i>Ulmus</i>	1
		Leguminosae	<i>Acacia</i>	1
<i>obrienorum</i> Hespenseheide, 2009	NEO	Leguminosae	<i>Acacia</i>	1
<i>obsurecinctus</i> Obenberger, 1935	OR	Sapindaceae	<i>Acer</i>	1
<i>obscuricollis</i> Kiesenwetter, 1857	PAL		<i>Betula</i>	3
		Betulaceae	<i>Carpinus</i>	1
			<i>Corylus</i>	2
			<i>Castanea</i>	1
		Fagaceae	<i>Quercus</i>	7
		Moraceae	<i>Ficus</i>	1
			<i>Carya</i>	1
		Juglandaceae	<i>Hicoria</i>	1
			<i>Juglans</i>	2
		Leguminosae	<i>Gleditsia</i>	1
Salicaceae	<i>Salix</i>	1		
Sapindaceae	<i>Acer</i>	1		
	<i>Aesculus</i>	2		
Ulmaceae	<i>Ulmus</i>	2		
<i>obtusus</i> Horn, 1891	NEA	Leguminosae	<i>Cassia</i>	3
<i>occipitalis</i> (Eschscholtz, 1822)	OR	Rutaceae	<i>Citrus</i>	5
<i>oceanicus</i> Cobos, 1959	NEO	Leguminosae	<i>Senna</i>	1
<i>ocularis</i> Curletti, 1998	AFR	Cannabaceae	<i>Celtis</i>	1
<i>ohioensis</i> Knull, 1951	NEA	Betulaceae	<i>Carpinus</i>	1
		Ulmaceae	<i>Ulmus</i>	1
<i>okinawensis okinawensis</i> Miwa, 1933	PAL-OR	Euphorbiaceae	<i>Mallotus</i>	1
		Leguminosae	<i>Pongamia</i>	1
<i>okinawensis shiozakii</i> Tōyama, 1985	OR	Malvaceae	<i>Hibiscus</i>	1
<i>olentangyi</i> Champlain & Knull, 1925	NEA	Anacardiaceae	<i>Rhus</i>	1
		Cannabaceae	<i>Celtis</i>	2
		Fagaceae	<i>Quercus</i>	1
<i>olivaceidorsis</i> Obenberger, 1917	OR	Rutaceae	<i>Citrus</i>	1
<i>olivaceoaeus</i> Hespenseheide, 1990	NEO	Leguminosae	<i>Acacia</i>	1

(continued)



Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
olivaceocupreus Hesperheide, 1990	NEO	Capparaceae	<i>Forchhammeria</i>	1
		Leguminosae	<i>Albizia</i>	1
olivaceoniger Fisher, 1928	NEA	Betulaceae	<i>Betula</i>	1
		Fagaceae	<i>Quercus</i>	1
oliveri Niehuis, 1989	PAL	Salicaceae	<i>Salix</i>	1
olivicolor Kiesenwetter, 1857	PAL	Betulaceae	<i>Betula</i>	1
			<i>Carpinus</i>	2
			<i>Corylus</i>	2
		Fagaceae	<i>Castanea</i>	1
			<i>Fagus</i>	2
			<i>Quercus</i>	3
olmii tropicus Curletti, 1998	AFR	Leguminosae	<i>Acacia</i>	1
oomsisensis Curletti, 2006	OR	Dipterocarpaceae	<i>Anisoptera</i>	1
opacipennis Waterhouse, 1889	NEO	Cannabaceae	<i>Celtis</i>	1
		Leguminosae	<i>Acacia</i>	1
opulentus Kerremans, 1900	OR	Elaeocarpaceae	<i>Elaeocarpus</i>	1
		Myrtaceae	<i>Eucalyptus</i>	1
			<i>Syzygium</i>	1
orangei Curletti, 1999	AFR	Leguminosae	<i>Acacia</i>	1
orestes takaii Nakane, 1983	PAL-OR	Cannabaceae	<i>Celtis</i>	1
ornatus Horn, 1891	NEA	Leguminosae	<i>Acacia</i>	1
		Oleaceae	<i>Forestiera</i>	1
		Sapindaceae	<i>Sapindus</i>	2
			<i>Pithecellobium</i>	1
ornatus Deyrolle, 1864	OR	Leguminosae	<i>Pterocarpus</i>	1
			<i>Lagerstroemia</i>	1
		Lythraceae		1
oroithi Baudon, 1965	OR	Leguminosae	<i>Indigofera</i>	1
osburni Knull, 1937	NEA	Betulaceae	<i>Ostrya</i>	1
		Fagaceae	<i>Quercus</i>	1
otiosus Say, 1833	NEA	Ebenaceae	<i>Diospyros</i>	1
		Juglandaceae	<i>Carya</i>	6
			<i>Hicoria</i>	1
			<i>Juglans</i>	3
		Lauraceae	<i>Sassafras</i>	1
pacatus Kerremans, 1913	AFR	Malvaceae	<i>Triplochiton</i>	1
pachycerus Pochon, 1972	AFR	Leguminosae	<i>Albizia</i>	1
paganettii Obenberger, 1913	PAL	Leguminosae	<i>Dorycnium</i>	1
palmerleei Knull, 1944	NEA	Fagaceae	<i>Quercus</i>	1
paludicola Krogerus, 1922	PAL	Betulaceae	<i>Betula</i>	3
parabductus Knull, 1954	NEA	Leguminosae	<i>Acacia</i>	1
paracelti Knull, 1972	NEA	Cannabaceae	<i>Celtis</i>	5
paradiseus Obenberger, 1924	OR	Rosaceae	<i>Prunus</i>	1
paraimpexus Hesperheide, 2007	NEA-NEO	Euphorbiaceae	<i>Ditaxis</i>	1
			<i>Acacia</i>	4
		Leguminosae	<i>Calliandra</i>	2
			<i>Cercidium</i>	1
			<i>Gleditsia</i>	1
			<i>Hoffmannseggia</i>	1
			<i>Inga</i>	1
			<i>Mimosa</i>	5
			<i>Olneya</i>	1
			<i>Pithecellobium</i>	1
			<i>Prosopis</i>	4
<i>Robinia</i>	1			
Zygophyllaceae	<i>Larrea</i>	1		
paramacer Hesperheide, 2009	NEO	Cannabaceae	<i>Celtis</i>	1
paramasculinus Champlain & Knull, 1923	NEA	Leguminosae	<i>Gymnocladus</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
parapupala Curletti, 1998	AFR	Cannabaceae	<i>Celtis</i>	1
parkeri Knull, 1935	NEA	Fagaceae	<i>Quercus</i>	4
parkinsoniae Hespeneheide, 2009	NEO	Leguminosae	<i>Parkinsonia</i>	1
parvus californicus Westcott & Nelson, 2000	NEA	Leguminosae	<i>Amorpha</i>	1
parvus parvus Saunders, 1870	NEA	Leguminosae	<i>Amorpha</i>	1
pecirkai Obenberger, 1916	PAL	Rosaceae	<i>Rosa</i>	1
pectoralis Waterhouse, 1889	NEA-NEO		<i>Acacia</i>	2
		Leguminosae	<i>Parkinsonia</i>	1
			<i>Pithecellobium</i>	1
			<i>Prosopis</i>	3
pediculus pediculus Curletti, 1999	AFR	Leguminosae	<i>Acacia</i>	1
pekinensis pekinensis Obenberger, 1924	PAL-OR	Leguminosae	<i>Lespedeza</i>	1
peninsularis Van Dyke, 1942	NEA		<i>Cercidium</i>	1
		Leguminosae	<i>Ebenopsis</i>	1
			<i>Mimosa</i>	1
			<i>Olneya</i>	1
			<i>Prosopis</i>	1
pensus Horn, 1891	NEA		<i>Alnus</i>	4
		Betulaceae	<i>Betula</i>	1
			<i>Ostrya</i>	1
peregrinus Kiesenwetter, 1879	PAL	Betulaceae	<i>Alnus</i>	1
		Ulmaceae	<i>Ulmus</i>	1
peresoso Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	1
perisi Cobos, 1986	PAL	Compositae	<i>Artemisia</i>	1
perilsensis Fisher, 1936	OR	Leguminosae	<i>Pithecellobium</i>	1
perrini Pic, 1905	PAL	Amaranthaceae	<i>Suaeda</i>	1
pilosellus Thomson, 1878	NEO	Malvaceae	<i>Waltheria</i>	1
pilosovittatus Saunders, 1873	PAL	Leguminosae	<i>Caragana</i>	1
			<i>Wisteria</i>	2
pilosus Waterhouse, 1889	NEO	Verbenaceae	<i>Lantana</i>	1
piscis Gory, 1841	NEO	Leguminosae	<i>Senna</i>	1
planipennis Fairmaire, 1888	PAL-OR	Juglandaceae	<i>Juglans</i>	1
			<i>Pterocarya</i>	1
		Oleaceae	<i>Fraxinus</i>	10
		Ulmaceae	<i>Ulmus</i>	2
politus (Say, 1825)	NEA	Betulaceae	<i>Alnus</i>	1
		Salicaceae	<i>Salix</i>	8
		Sapindaceae	<i>Acer</i>	2
popovi Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
pouesseli Baudon, 1960	OR	Leguminosae	<i>Pterocarpus</i>	1
pratensis (Ratzeburg, 1837)	PAL	Salicaceae	<i>Populus</i>	7
			<i>Salix</i>	2
preyssleri Obenberger, 1933	NEO	Leguminosae	<i>Acacia</i>	1
prionurus Chevrolat, 1838	NEA-NEO	Sapindaceae	<i>Sapindus</i>	1
prosopidis Fisher, 1928	NEA-NEO	Cannabaceae	<i>Celtis</i>	2
			<i>Acacia</i>	1
		Leguminosae	<i>Ebenopsis</i>	1
			<i>Leucaena</i>	1
			<i>Parkinsonia</i>	1
			<i>Pithecellobium</i>	1
			<i>Prosopis</i>	2
		Rutaceae	<i>Zanthoxylum</i>	1
proteus Abeille de Perrin, 1893	PAL	Salicaceae	<i>Populus</i>	1
			<i>Salix</i>	2
przewalskii Obenberger, 1936	PAL	Compositae	<i>Ajania</i>	1
		Nitrariaceae	<i>Nitraria</i>	1
pseudoconstantini Alexeev, 1981	PAL	Leguminosae	<i>Caragana</i>	1
pseudocoryli Fisher, 1928	NEA	Betulaceae	<i>Corylus</i>	2
pseudocyanus Kiesenwetter, 1857	PAL	Salicaceae	<i>Populus</i>	1
pseudofallax Frost, 1923	NEA	Fagaceae	<i>Quercus</i>	1
		Leguminosae	<i>Gleditsia</i>	1
pseudolomniastri Cobos, 1968	PAL	Leguminosae	<i>Caragana</i>	2
pseudolituratus Descarpentries, 1959	AFR	Leguminosae	<i>Acacia</i>	1
pseudonubeculosus Descarpentries, 1959	AFR	Leguminosae	<i>Acacia</i>	1
pseudopurpuratus Descarpentries & Bruneau de Miré, 1963	PAL-AFR	Leguminosae	<i>Acacia</i>	1
pseudosericans Obenberger, 1936	PAL	Leguminosae	<i>Caragana</i>	1

(continued)

**Table 2** (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>pubescens</i> Fisher, 1928	NEA	Leguminosae	<i>Acacia</i>	1
			<i>Prosopis</i>	1
<i>pubifrons</i> Fisher, 1928	NEA	Amaranthaceae	<i>Grayia</i>	1
		Compositae	<i>Artemisia</i>	1
			<i>Chrysothamnus</i>	3
<i>pubiventris</i> Kiesenwetter, 1857	PAL	Tamaricaceae	<i>Tamarix</i>	1
<i>pujoli pujoli</i> Descarpentries, 1963	AFR	Rubiaceae	<i>Coffea</i>	1
<i>pulchellus</i> Bland, 1865	NEA	Boraginaceae	<i>Amsinckia</i>	1
		Cannabaceae	<i>Celtis</i>	1
		Compositae	<i>Chrysothamnus</i>	1
			<i>Erigeron</i>	1
		Fagaceae	<i>Quercus</i>	1
		Malvaceae	<i>Sphaeralcea</i>	1
		Nyctaginaceae	<i>Allionia</i>	1
			<i>Boerhavia</i>	1
<i>pulex</i> Curletti & Bellamy, 2005	AFR	Leguminosae	<i>Acacia</i>	1
<i>pulvereus</i> Abeille de Perrin, 1895	PAL	Amaranthaceae	<i>Atriplex</i>	1
			<i>Suaeda</i>	1
		Rosaceae	<i>Prunus</i>	1
		Salicaceae	<i>Populus</i>	1
		Tamaricaceae	<i>Tamarix</i>	2
		Ulmaceae	<i>Ulmus</i>	1
<i>puncticeps</i> LeConte, 1860	NEA	Juglandaceae	<i>Juglans</i>	1
		Leguminosae	<i>Gleditsia</i>	1
<i>pupalinus</i> Curletti, 1998	AFR	Cannabaceae	<i>Celtis</i>	1
<i>purpuratus</i> (Klug, 1829)	PAL-AFR	Leguminosae	<i>Acacia</i>	5
		Rhamnaceae	<i>Ziziphus</i>	1
<i>putillus parputillus</i> Knull, 1960	NEA	Sapindaceae	<i>Acer</i>	1
<i>putillus putillus</i> Say, 1833	NEA	Cornaceae	<i>Cornus</i>	1
		Leguminosae	<i>Gleditsia</i>	1
		Sapindaceae	<i>Acer</i>	3
<i>quadricostatus</i> Waterhouse, 1889	NEA-NEO	Leguminosae	<i>Eysenhardtia</i>	1
<i>quadriguttatus fulminans</i> Fisher, 1928	NEA	Fagaceae	<i>Quercus</i>	1
		Salicaceae	<i>Salix</i>	3
<i>quadriguttatus niveiventris</i> Horn, 1891	NEA	Salicaceae	<i>Populus</i>	2
			<i>Salix</i>	3
<i>quadriguttatus quadriguttatus</i> Gory, 1841	NEA	Leguminosae	<i>Albizia</i>	1
		Salicaceae	<i>Salix</i>	3
<i>quadriimpressus</i> Ziegler, 1845	NEA	Betulaceae	<i>Ostrya</i>	1
		Fagaceae	<i>Quercus</i>	3
		Juglandaceae	<i>Carya</i>	1
<i>quadrirotatus</i> Gory, 1841	NEO	Leguminosae	<i>Acacia</i>	1
<i>quadrisignatus</i> Marseul, 1866	PAL	Ulmaceae	<i>Ulmus</i>	3
<i>quercicola</i> Fisher, 1928	NEA	Fagaceae	<i>Quercus</i>	7
<i>quercus</i> Schaeffer, 1905	NEA-NEO	Fagaceae	<i>Quercus</i>	3
<i>quetzalcoatl</i> Fisher, 1938	NEO	Leguminosae	<i>Acacia</i>	1
<i>rabaticus</i> Théry, 1930	PAL	Amaranthaceae	<i>Suaeda</i>	1
<i>raphelisi</i> Obenberger, 1923	OR	Leguminosae	<i>Acacia</i>	1
<i>raventazonus</i> Fisher, 1929	NEO	Leguminosae	<i>Inga</i>	1
<i>refectus</i> Waterhouse, 1889	NEA-NEO	Fagaceae	<i>Quercus</i>	1
<i>regius</i> Curletti, 1998	AFR	Cannabaceae	<i>Celtis</i>	1
<i>reichardt</i> Obenberger, 1935	PAL-OR	Fagaceae	<i>Quercus</i>	1
<i>relegatoides</i> Novak, 2003	PAL	Fagaceae	<i>Quercus</i>	1
<i>relegatus alexeevi</i> Bellamy, 1998	PAL	Fagaceae	<i>Quercus</i>	4
<i>restrictus</i> Waterhouse, 1889	NEA	Anacardiaceae	<i>Rhus</i>	1
		Fagaceae	<i>Quercus</i>	1
<i>rhoos</i> Królik & Niehuis, 2003	PAL	Anacardiaceae	<i>Rhus</i>	1
<i>rhopalocerus</i> Pochon, 1972	AFR	Leguminosae	<i>Albizia</i>	1
<i>ribbei</i> Kiesenwetter, 1879	PAL	Betulaceae	<i>Carpinus</i>	1
		Fagaceae	<i>Quercus</i>	3
<i>ribesi</i> Schaefer, 1946	PAL	Grossulariaceae	<i>Grossularia</i>	1
			<i>Ribes</i>	6
<i>rifkindi pueblae</i> Hespeneheide, 2009	NEO	Leguminosae	<i>Acacia</i>	1
<i>rifkindi rifkindi</i> Hespeneheide, 2009	NEO	Leguminosae	<i>Acacia</i>	1
			<i>Mimosa</i>	1
<i>rilliardi</i> Baudon, 1988	OR	Pinaceae	<i>Pinus</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>roscidinus</i> Obenberger, 1923	AFR	Leguminosae	<i>Albizia</i>	2
<i>roscidus</i> Kiesenwetter, 1857	PAL	Cannabaceae	<i>Celtis</i>	1
		Celastraceae	<i>Euonymus</i>	1
		Cornaceae	<i>Cornus</i>	2
			<i>Swida</i>	1
		Cupressaceae	<i>Cupressus</i>	1
		Juglandaceae	<i>Juglans</i>	1
		Pinaceae	<i>Pinus</i>	1
		Rhamnaceae	<i>Frangula</i>	1
			<i>Rhamnus</i>	2
		Rosaceae	<i>Amygdalus</i>	2
			<i>Armeniaca</i>	1
			<i>Cerasus</i>	1
			<i>Crataegus</i>	1
			<i>Cydonia</i>	1
			<i>Malus</i>	2
			<i>Mespilus</i>	2
				<i>Persica</i>
	<i>Prunus</i>		10	
	<i>Pyrus</i>		5	
	<i>Rosa</i>	2		
	<i>Sorbus</i>	1		
	Salicaceae	<i>Salix</i>	5	
	Ulmaceae	<i>Ulmus</i>	2	
<i>rosei</i> Niehuis & Bernhard, 2005	PAL	Malvaceae	<i>Tilia</i>	1
		Ulmaceae	<i>Ulmus</i>	1
<i>rougeoti</i> Descarpentries & Villiers, 1963	OR	Rutaceae	<i>Chloroxylon</i>	1
<i>rubroniger</i> Hesperheide, 1979	NEA	Fagaceae	<i>Quercus</i>	2
<i>rubrovittatus</i> (Waterhouse, 1889)	NEA-NEO	Nyctaginaceae	<i>Boerhavia</i>	1
		Poaceae	<i>Muhlenbergia</i>	1
<i>rudicollis</i> Alexeev, 1979	PAL	Ulmaceae	<i>Ulmus</i>	1
<i>ruficollis</i> (Fabricius, 1787)	NEA-NEO	Rosaceae	<i>Rubus</i>	6
<i>rufuscapitae</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	1
<i>sachalinicola</i> Obenberger, 1940	PAL	Betulaceae	<i>Alnus</i>	1
			<i>Populus</i>	1
			<i>Salix</i>	1
<i>sagittarius</i> Curletti, 1997	AFR	Cannabaceae	<i>Celtis</i>	1
<i>sahelicus</i> Curletti, 1998	PAL	Leguminosae	<i>Acacia</i>	1
<i>salicis</i> Frivaldszky, 1877	PAL	Salicaceae	<i>Salix</i>	13
<i>salviaphilos</i> Manley, 1979	NEA	Fagaceae	<i>Quercus</i>	1
		Lamiaceae	<i>Salvia</i>	2
		Leguminosae	<i>Xylia</i>	1
<i>salweenensis</i> Stebbing, 1914	OR	Leguminosae	<i>Xylia</i>	1
<i>samai</i> Magnani, 1995	PAL	Fagaceae	<i>Quercus</i>	1
<i>sapindi</i> Knull, 1938	NEA	Sapindaceae	<i>Sapindus</i>	1
<i>satoi</i> Kurosawa, 1954	PAL-OR	Salicaceae	<i>Salix</i>	1
<i>satyrus</i> Curletti, 2006	OR	Dipterocarpaceae	<i>Anisoptera</i>	1
		Fagaceae	<i>Lithocarpus</i>	1
<i>saucius</i> Curletti, 2002	AFR	Leguminosae	<i>Albizia</i>	1
<i>sayi</i> Saunders, 1870	NEA	Myricaceae	<i>Comptonia</i>	1
			<i>Myrica</i>	2
<i>schmidli</i> Curletti, 2005	NEO	Simaroubaceae	<i>Simarouba</i>	1
<i>schwerdfegeri</i> Schwerdfeger, 1953	NEO	Pinaceae	<i>Pinus</i>	1
<i>scitulus</i> Horn, 1891	NEA	Juglandaceae	<i>Carya</i>	1
		Leguminosae	<i>Acacia</i>	1
		Sapindaceae	<i>Sapindus</i>	2
			<i>Genista</i>	1
<i>scythicus</i> Królik & Janicki, 2005	PAL	Leguminosae	<i>Albizia</i>	1
<i>seiunctus</i> Curletti & Dutto, 1999	AFR	Leguminosae	<i>Albizia</i>	1
<i>sekii</i> sekii Ohmomo, 2004	PAL-OR	Cannabaceae	<i>Celtis</i>	1
<i>sekii</i> yaeyamanus Ohmomo, 2004	PAL-OR	Cannabaceae	<i>Celtis</i>	1
<i>semerdjievi</i> Curletti & Sakalian, 2009	AFR	Leguminosae	<i>Acacia</i>	1
<i>semiaurovittatus</i> Kurosawa, 1954	OR	Salicaceae	<i>Salix</i>	1
<i>sericans</i> Kiesenwetter, 1857	PAL	Amaranthaceae	<i>Eurotia</i>	1
		Compositae	<i>Artemisia</i>	7
<i>servus</i> Curletti & Dutto, 1999	AFR	Leguminosae	<i>Acacia</i>	1
<i>sexguttatus</i> <i>sexguttatus</i> (Thunberg, 1789)	AFR	Leguminosae	<i>Acacia</i>	2
		Rhamnaceae	<i>Ziziphus</i>	1

(continued)



Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>sexsignatus</i> Fisher, 1921	OR	Myrtaceae	<i>Eucalyptus</i>	1
<i>shashamboe</i> Kurosawa, 1963	PAL	Ericaceae	<i>Vaccinium</i>	2
		Rosaceae	<i>Rhaphiolepis</i>	1
<i>shibatai</i> Kurosawa, 1964	PAL	Fagaceae	<i>Castanopsis</i>	1
<i>sibiricus fukushimenis</i> Jendek, 1994	PAL	Sapindaceae	<i>Acer</i>	1
<i>sibiricus sibiricus</i> Obenberger, 1912	PAL	Sapindaceae	<i>Acer</i>	1
<i>sinuatus sachalinensis</i> Obenberger, 1935	PAL		<i>Crataegus</i>	2
		Rosaceae	<i>Prunus</i>	1
<i>sinuatus sinuatus</i> (Olivier, 1790)	PAL		<i>Sorbus</i>	3
			<i>Cotoneaster</i>	1
			<i>Crataegus</i>	5
			<i>Cydonia</i>	1
			<i>Malus</i>	3
			<i>Mespilus</i>	2
			<i>Prunus</i>	2
			<i>Pyrus</i>	5
			<i>Sorbus</i>	5
<i>smaragdinus smaragdinus</i> Solsky, 1876	PAL	Betulaceae	<i>Betula</i>	1
		Fagaceae	<i>Quercus</i>	1
<i>snowi</i> Fall, 1905	NEA	Leguminosae	<i>Parkinsonia</i>	1
<i>solers</i> Curietti, 1997	AFR		<i>Isobertlinia</i>	1
		Leguminosae	<i>Parkia</i>	1
<i>solieri solieri</i> Gory & Laporte, 1839	PAL		<i>Malus</i>	1
			<i>Prunus</i>	2
			<i>Rosa</i>	2
			<i>Rubus</i>	2
			Leguminosae	<i>Acacia</i>
<i>somalus</i> Curietti, 1998	AFR	Leguminosae	<i>Acacia</i>	1
<i>somsanithi</i> Baudon, 1965	OR	Clusiaceae	<i>Garcinia</i>	1
<i>sospes</i> Lewis, 1893	PAL	Fagaceae	<i>Quercus</i>	1
		Ulmaceae	<i>Zelkova</i>	1
<i>soudeki</i> Obenberger, 1926	PAL	Fagaceae	<i>Quercus</i>	1
<i>sparsus</i> Waterhouse, 1889	NEA-NEO	Leguminosae	<i>Acacia</i>	2
<i>spathulatus</i> (Obenberger, 1931)	AFR	Leguminosae	<i>Acacia</i>	2
<i>speciosus</i> Waterhouse, 1889	NEO	Leguminosae	<i>Acacia</i>	1
<i>spectabilis</i> Kerremans, 1895	OR	Betulaceae	<i>Alnus</i>	1
<i>sperkii</i> Solsky, 1873	PAL	Leguminosae	<i>Genista</i>	1
<i>spinipennis</i> Lewis, 1893	PAL-OR		<i>Ulmus</i>	1
		Ulmaceae	<i>Zelkova</i>	2
<i>squamulatus</i> Waterhouse, 1889	NEO	Rhamnaceae	<i>Colubrina</i>	1
<i>subauratus amurensis</i> Obenberger, 1922	PAL		<i>Populus</i>	1
		Salicaceae	<i>Salix</i>	1
<i>subauratus subauratus</i> (Gebler, 1833)	PAL		<i>Populus</i>	4
			<i>Salix</i>	7
		Salicaceae	<i>Salix</i>	7
<i>subcinctus</i> Gory, 1841	NEA		<i>Rhus</i>	1
		Anacardiaceae	<i>Toxicodendron</i>	1
			<i>Carya</i>	1
		Juglandaceae	<i>Carya</i>	1
		Leguminosae	<i>Gymnocladus</i>	1
		Malvaceae	<i>Tilia</i>	1
			<i>Fraxinus</i>	3
		Oleaceae	<i>Ligustrum</i>	1
<i>subcuneiformis</i> Kurosawa, 1954	OR	Salicaceae	<i>Salix</i>	1
<i>subguttatus</i> Waterhouse, 1889	NEO	Leguminosae	<i>Acacia</i>	1
<i>subrobustus</i> Saunders, 1873	PAL-OR	Leguminosae	<i>Albizia</i>	1
<i>subtropicus</i> Schaeffer, 1905	NEA-NEO		<i>Momisia</i>	1
			<i>Bryodendron</i>	1
		Ebenaceae	<i>Diospyros</i>	1
<i>sudai</i> Kurosawa, 1985	PAL	Betulaceae	<i>Alnus</i>	1
<i>sulcatulus</i> Chevrolat, 1835	NEA-NEO	Loganiaceae	<i>Buddleia</i>	1
<i>sulcicollis</i> Lacordaire, 1835	PAL		<i>Castanea</i>	1
			<i>Fagus</i>	2
		Fagaceae	<i>Quercus</i>	6
<i>sulcifer</i> Abeille de Perrin, 1895	PAL	Hypericaceae	<i>Hypericum</i>	1
<i>sulcipennis</i> Solier, 1849	NEO	Compositae	<i>Senecio</i>	1
<i>sundholmi</i> Curietti, 2009	OR	Leguminosae	<i>Acacia</i>	1

(continued)

Table 2 (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
<i>suturisignatus</i> Obenberger, 1924	PAL	Amaranthaceae	<i>Salsola</i>	1
<i>suvorovi</i> Obenberger, 1935	PAL	Salicaceae	<i>Populus</i>	10
<i>suzukii</i> Kurosawa, 1985	OR	Meliaceae	<i>Melia</i>	2
<i>swifti</i> Curletti, 2006	OR	Calophyllaceae	<i>Calophyllum</i>	1
		Fagaceae	<i>Castanopsis</i>	1
<i>sylviae</i> Niehuis, 1992	PAL	Anacardiaceae	<i>Pistacia</i>	3
<i>tacitus</i> Kerremans, 1894	NEO	Leguminosae	<i>Mimosa</i>	1
<i>taeniatus</i> Chevrolat, 1835	NEA-NEO	Sapindaceae	<i>Sapindus</i>	1
<i>takahashii</i> Tōyama, 1988	PAL	Betulaceae	<i>Carpinus</i>	1
		Ulmaceae	<i>Zelkova</i>	1
<i>tarae</i> Bellamy, 1999	PAL-AFR	Leguminosae	<i>Acacia</i>	2
<i>tardulus</i> Obenberger, 1924	OR	Leguminosae	<i>Tamarindus</i>	1
		Rutaceae	<i>Citrus</i>	1
<i>tazoei</i> Kurosawa, 1985	PAL	Leguminosae	<i>Pueraria</i>	1
			<i>Wisteria</i>	1
<i>tempestivus</i> Lewis, 1893	PAL	Betulaceae	<i>Carpinus</i>	1
		Fagaceae	<i>Quercus</i>	1
		Lauraceae	<i>Machilus</i>	1
<i>tenuissimus</i> Abeille de Perrin, 1891	PAL	Fagaceae	<i>Quercus</i>	1
<i>teocchii</i> Curletti, 1998	AFR	Apocynaceae	<i>Pycnobotrya</i>	1
		Leguminosae	<i>Albizia</i>	1
<i>thoracicus</i> Gory & Laporte, 1839	NEO	Compositae	<i>Haplopappus</i>	1
			<i>Senecio</i>	1
<i>thurei</i> Curletti, 1996	AFR	Malvaceae	<i>Triplochiton</i>	1
<i>thylacinus</i> Curletti, 2001	OR	Casuarinaceae	<i>Casuarina</i>	1
<i>tiacapanae</i> Fisher, 1938	NEO	Leguminosae	<i>Acacia</i>	1
<i>tlaculteutlae</i> Fisher, 1938	NEO	Leguminosae	<i>Acacia</i>	1
<i>tokyoensis</i> Kurosawa, 1985	PAL-OR	Fagaceae	<i>Quercus</i>	1
<i>torquatus</i> LeConte, 1860	NEA	Juglandaceae	<i>Carya</i>	3
			<i>Hicoria</i>	1
<i>toteći</i> Fisher, 1938	NEO	Verbenaceae	<i>Lantana</i>	1
<i>townsendi</i> Fall, 1907	NEA	Fagaceae	<i>Quercus</i>	4
<i>toxotes</i> Obenberger, 1935	NEA-NEO	Malpighiaceae	<i>Malpighia</i>	1
<i>trames</i> Curletti & Brulé, 2013	NEO	Leguminosae	<i>Mucuna</i>	1
<i>transimpressus</i> Fall, 1925	NEA	Juglandaceae	<i>Carya</i>	1
			<i>Juglans</i>	1
<i>transversesulcatus</i> Reitter, 1890	PAL	Amaranthaceae	<i>Kochia</i>	1
<i>trinotatus</i> Saunders, 1873	PAL	Fagaceae	<i>Quercus</i>	1
<i>trypaniformis</i> Fisher, 1929	NEO	Leguminosae	<i>Erythrina</i>	1
<i>tschitscherini</i> Semenov, 1895	PAL	Salicaceae	<i>Populus</i>	3
			<i>Salix</i>	4
<i>tsutsumiuchii</i> Ohmomo, 2006	PAL	Ulmaceae	<i>Zelkova</i>	1
<i>turnbowi</i> Nelson, 1990	NEA	Santalaceae	<i>Phoradendron</i>	1
<i>tynnanthi</i> Curletti, 2005	NEO	Bignoniaceae	<i>Tynanthus</i>	1
<i>uenoi</i> Kurosawa, 1963	PAL	Apocynaceae	<i>Trachelospermum</i>	1
		Euphorbiaceae	<i>Mallotus</i>	1
		Moraceae	<i>Ficus</i>	1
		Ranunculaceae	<i>Clematis</i>	1
<i>uhagoni</i> Abeille de Perrin, 1897	PAL	Leguminosae	<i>Adenocarpus</i>	1
			<i>Genista</i>	1
			<i>Sarothamnus</i>	1
			<i>Ulex</i>	1
<i>ukerewensis</i> masai Curletti, 1994	AFR	Leguminosae	<i>Acacia</i>	1
<i>ulaangomiensis</i> Cobos, 1972	PAL	Leguminosae	<i>Caragana</i>	1
<i>ulmicola</i> Jendek, 2011	PAL	Ulmaceae	<i>Ulmus</i>	1
<i>umactli</i> Fisher, 1938	NEO	Leguminosae	<i>Cercidium</i>	1
<i>unguiculosus</i> Obenberger, 1936	PAL	Leguminosae	<i>Caragana</i>	1
		Rosaceae	<i>Spiraea</i>	1
<i>unus</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	1
<i>uromastix</i> Curletti & Magnani, 2006	PAL	Leguminosae	<i>Acacia</i>	1
<i>ussuricola</i> Obenberger, 1924	PAL	Fagaceae	<i>Quercus</i>	3
<i>utahensis</i> Westcott, 1991	NEA	Lamiaceae	<i>Poliomintha</i>	1
<i>vaginalis</i> philippovi Alexeev, 1965	PAL	Compositae	<i>Artemisia</i>	1
<i>vaginalis vaginalis</i> Abeille de Perrin, 1897	PAL		<i>Astragalus</i>	3

(continued)

**Table 2** (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
		Leguminosae	<i>Colutea</i>	3
			<i>Pseudosopora</i>	1
<i>validiusculus</i> Semenov, 1891	PAL		<i>Climacoptera</i>	1
		Amaranthaceae	<i>Halostachys</i>	2
			<i>Haloxylon</i>	2
			<i>Salsola</i>	6
			<i>Suaeda</i>	1
<i>vandenberghii</i> Westcott & Hespenheide, 2006	NEO	Leguminosae	<i>Caesalpinia</i>	1
<i>venosus</i> Gory & Laporte, 1839	PAL-AFR	Leguminosae	<i>Acacia</i>	4
<i>ventralis</i> Horn, 1891	NEA	Compositae	<i>Chrysothamnus</i>	1
			<i>Encelia</i>	1
		Leguminosae	<i>Acacia</i>	1
		Salicaceae	<i>Salix</i>	1
<i>ventricosus</i> Fairmaire, 1888	PAL	Cannabaceae	<i>Celtis</i>	1
<i>verityi</i> Hespenheide, 1990	NEO	Leguminosae	<i>Mimosa</i>	1
<i>vermiculatus</i> (Waterhouse, 1889)	NEO	Leguminosae	<i>Acacia</i>	1
<i>vescivittatus</i> Hespenheide & Westcott, 2011	NEA-NEO	Leguminosae	<i>Prosopis</i>	1
<i>viduus</i> Kerremans, 1914	PAL-OR	Fagaceae	<i>Castanea</i>	1
		Ulmaceae	<i>Ulmus</i>	2
			<i>Zelkova</i>	1
<i>vilis</i> Saunders, 1874	OR	Rutaceae	<i>Citrofortunella</i>	1
<i>villosostriatus</i> Thomson, 1879	OR	Leguminosae	<i>Acacia</i>	1
<i>viridescens</i> Knull, 1935	NEA	Leguminosae	<i>Prosopis</i>	2
<i>viridiaeris</i> Curletti, 2005	NEO	Leguminosae	<i>Inga</i>	2
<i>viridicaerulans rubi</i> Schaefer, 1937	PAL	Rosaceae	<i>Rubus</i>	3
<i>viridicaerulans viridicaerulans</i> Marseul, 1868	PAL	Rosaceae	<i>Cotoneaster</i>	1
			<i>Rubus</i>	1
<i>viridicephalus</i> Fisher, 1929	NEO	Leguminosae	<i>Inga</i>	1
<i>viridifrons</i> Kerremans, 1893	OR	Malvaceae	<i>Grewia</i>	1
<i>viridiobscurus</i> Saunders, 1873	PAL	Betulaceae	<i>Alnus</i>	1
			<i>Carpinus</i>	1
		Hamamelidaceae	<i>Hamamelis</i>	1
		Juglandaceae	<i>Juglans</i>	1
		Lauraceae	<i>Parabenzoin</i>	1
		Ulmaceae	<i>Zelkova</i>	1
<i>viridis</i> (Linné, 1758)	PAL-OR		<i>Alnus</i>	5
			<i>Betula</i>	6
		Betulaceae	<i>Carpinus</i>	3
			<i>Corylus</i>	2
			<i>Ostrya</i>	1
		Fagaceae	<i>Castanea</i>	1
			<i>Fagus</i>	3
		Malvaceae	<i>Tilia</i>	2
		Myricaceae	<i>Myrica</i>	1
		Rhamnaceae	<i>Rhamnus</i>	1
		Rosaceae	<i>Rosa</i>	1
			<i>Sorbus</i>	2
		Salicaceae	<i>Salix</i>	12
		Sapindaceae	<i>Acer</i>	7
		Ulmaceae	<i>Ulmus</i>	2
<i>viridissimus</i> Cobos, 1964	OR	Combretaceae	<i>Terminalia</i>	4
<i>vittaticollis</i> (Randall, 1838)	NEA		<i>Amelanchier</i>	4
			<i>Crataegus</i>	2
		Rosaceae	<i>Malus</i>	1
			<i>Pyrus</i>	5
			<i>Sorbus</i>	1
<i>vitzilopuchtli</i> Fisher, 1938	NEO	Betulaceae	<i>Alnus</i>	1
<i>volkovitshi</i> Jendek, 2007	PAL-OR	Fagaceae	<i>Quercus</i>	1
<i>volof</i> Curletti, 1998	AFR	Leguminosae	<i>Acacia</i>	2
<i>voriseki</i> Jendek, 1995	PAL	Salicaceae	<i>Populus</i>	1
			<i>Salix</i>	1
<i>wallaby</i> Curletti, 2001	OR	Leguminosae	<i>Acacia</i>	1
<i>walsinghami</i> Crotch, 1873	NEA	Compositae	<i>Chrysothamnus</i>	1
			<i>Ericameria</i>	1
<i>waltersi</i> Nelson, 1985	NEA	Fagaceae	<i>Quercus</i>	1

(continued)

**Table 2** (continued)

<i>Agrilus</i>	Region	Family	Genus	Taxa
watanukiorum Fukutomi, 2010	PAL	Betulaceae	<i>Carpinus</i>	1
wenzeli Knull, 1934	NEA	Leguminosae	<i>Acacia</i>	1
			<i>Prosopis</i>	1
weyersii Kerremans, 1900	OR	Leguminosae	<i>Pterocarpus</i>	1
windhoekii Obenberger, 1935	AFR	Leguminosae	<i>Acacia</i>	1
xanthonotus Waterhouse, 1889	NEO	Malvaceae	<i>Byttneria</i>	1
yamabusii Miwa & Chūjō, 1940	PAL	Cornaceae	<i>Cornus</i>	1
		Fagaceae	<i>Quercus</i>	1
yamajii Tōyama, 1985	PAL	Cannabaceae	<i>Celtis</i>	1
yamawakii Kurosawa, 1957	PAL-OR	Rutaceae	<i>Fagara</i>	2
yemenita Curletti & Harten, 2002	AFR	Leguminosae	<i>Acacia</i>	1
yiacatecutli Fisher, 1938	NEO	Cannabaceae	<i>Celtis</i>	1
yvesi Curletti, 2005	NEO	Moraceae	<i>Maclura</i>	1
zanthoxylum Li Meng Lou, 1989	PAL	Rutaceae	<i>Zanthoxylum</i>	2
ziegleri Niehuis, 2006	PAL	Fagaceae	<i>Quercus</i>	1
zigzag Marseul, 1866	PAL	Compositae	<i>Artemisia</i>	4

Ranking of host plants according to number of reported *Agrilus* taxa is shown in Table 7. The majority of host plants (62.5 %, 481 taxa) have just a single *Agrilus* taxon reported and 88 % of them (679 taxa) have 1–3 *Agrilus* taxa reported. Only 10 host plants (1.3 %) have more than 9 *Agrilus* taxa reported.

The top 10 most *Agrilus* preferred host plants by biogeographic regions are shown in Fig. 13. The first three hosts have *Agrilus* reported only from a single biogeographic region: Nearctic for *Gleditsia triacanthos* and *Celtis occidentalis*; Palearctic for *Quercus pubescens*.

## Genus Level

The genus-level host plant preference of *Agrilus* taxa is summarized in Table 8. The most *Agrilus* taxa have host plants from genus: *Acacia* (131 *Agrilus* taxa), *Quercus* (97), *Celtis* (46), *Salix* (35) and *Prosopis* (24).

The top 10 most preferred plant genera by biogeographic region are shown in Table 9. The first three, most preferred *Acacia*, *Quercus* and *Celtis* have *Agrilus* reported from seven biogeographic regions or transitional zones, while the remaining seven plant genera from 2 to 5 regions.

The proportion of genus-level host plant preferences of *Agrilus* is shown in Table 10. Almost 50 % of host plant genera (145) are reported for *Agrilus* taxa with the host plant range from a single genus. Seventy percent of genera (219) are reported for *Agrilus* with the host spectrum from 1 to 3 genera and almost 85 % (247 genera) for *Agrilus* with the host spectrum from 1 to 5 genera.

**Table 3** Species (3a), genus (3b) and family-level (3c) host plant range of *Agrilus* taxa

<b>a</b>			
Number of hosts		Number of <i>Agrilus</i>	% of all <i>Agrilus</i>
1		339	50.07
2		111	16.40
3		64	9.45
4		51	7.53
5		25	3.69
6		17	2.51
7		15	2.22
8		8	1.18
9		9	1.33
10		7	1.03
11		4	0.59
12		6	0.89
13		4	0.59
14		1	0.15
15		2	0.30
16		2	0.30
17		3	0.44
18		1	0.15
23		1	0.15
24		2	0.30
26		2	0.30
28		1	0.15
47		1	0.15
49		1	0.15
<b>Total</b>		<b>677</b>	<b>100.00</b>

<b>b</b>			
Number of genera		Count of <i>Agrilus</i>	% off all <i>Agrilus</i>
1		440	64.99
2		117	17.28
3		54	7.98
4		28	4.14
5		15	2.22
6		9	1.33
7		2	0.30
8		6	0.89
10		2	0.30
13		1	0.15
15		2	0.30
23		1	0.15
<b>Total</b>		<b>677</b>	<b>100.00</b>

<b>c</b>			
Number of families		Count of <i>Agrilus</i>	% of all <i>Agrilus</i>
1		516	76.22
2		94	13.88
3		41	6.06
4		11	1.62
5		8	1.18
6		2	0.30
7		1	0.15
8		1	0.15
9		2	0.30
10		1	0.15
<b>Total</b>		<b>677</b>	<b>100.00</b>



**Table 4** *Agrilus* taxa with number of host plants

<i>Agrilus</i>	Number of hosts
viridis (Linné, 1758) PAL-OR	49
roscidus Kiesenwetter, 1857 PAL	47
obsoletoguttatus Gory, 1841 NEA	28
angustulus angustulus (Illiger, 1803) PAL	26
cuprescens cuprescens (Ménétriés, 1832) PAL	26
paraimpexus Hespeneheide, 2007 NEA-NEO	24
sinuatus sinuatus (Olivier, 1790) PAL	24
graminis Kiesenwetter, 1857 PAL	23
acutipennis Mannerheim, 1837 NEA	18
acutus (Thunberg, 1787) OR	17
cyanescens cyanescens (Ratzeburg, 1837) PAL	17
hastulifer (Ratzeburg, 1837) PAL	17
elegans elegans Mulsant & Rey, 1863 PAL	16
masculus Horn, 1891 NEA	16
laticornis (Illiger, 1803) PAL	15
obscuricollis Kiesenwetter, 1857 PAL	15
planipennis Fairmaire, 1888 PAL-OR	14
auricollis Kiesenwetter, 1857 PAL	13
biguttatus (Fabricius, 1777) PAL	13
salicis Frivaldszky, 1877 PAL	13
vittaticollis (Randall, 1838) NEA	13
arcuatus (Say, 1825) NEA	12
ater (Linné, 1767) PAL	12
bilineatus (Weber, 1801) NEA	12
hypoleucus Gory & Laporte, 1839 OR	12
otiosus Say, 1833 NEA	12
validiusculus Semenov, 1891 PAL	12
antiquus antiquus Mulsant & Rey, 1863 PAL	11
olivicolor Kiesenwetter, 1857 PAL	11
politus (Say, 1825) NEA	11
subauratus subauratus (Gebler, 1833) PAL	11
auroguttatus Schaeffer, 1905 NEA	10
cinctus (Olivier, 1790) PAL	10
cyaneoniger Saunders, 1873 PAL-OR	10
fallax Say, 1833 NEA	10
macroderus Abeille de Perrin, 1897 PAL	10
prosopidis Fisher, 1928 NEA-NEO	10
suvorovi Obenberger, 1935 PAL	10
angelicus Horn, 1891 NEA	9
anxious Gory, 1841 NEA	9
convexicollis Redtenbacher, 1847 PAL	9
felix Horn, 1891 NEA	9
guerini Lacordaire, 1835 PAL	9
lecontei celticola Fisher, 1928 NEA	9

(continued)

**Table 4** (continued)

<i>Agrius</i>	Number of hosts
pratensis (Ratzeburg, 1837) PAL	9
subcinctus Gory, 1841 NEA	9
sulcicollis Lacordaire, 1835 PAL	9
albogularis albogularis Gory, 1841 PAL	8
antiquus croaticus Abeille de Perrin, 1897 PAL	8
australasiae Gory & Laporte, 1839 OR	8
crnicornis Horn, 1891 NEA	8
fisherellus Obenberger, 1936 NEA	8
geminatus (Say, 1823) NEA	8
pulchellus Bland, 1865 NEA	8
sericans Kiesenwetter, 1857 PAL	8
abstersus Horn, 1891 NEA-NEO	7
acaciae Fisher, 1928 NEA-NEO	7
betuleti (Ratzeburg, 1837) PAL	7
celti Knull, 1920 NEA	7
coxalis Waterhouse, 1889 NEO	7
curtulus Mulsant & Rey, 1863 PAL	7
friebi Obenberger, 1922 PAL	7
illectus Fall, 1901 NEA	7
pectoralis Waterhouse, 1889 NEA-NEO	7
pulvereus Abeille de Perrin, 1895 PAL	7
quercicola Fisher, 1928 NEA	7
ribesi Schaefer, 1946 PAL	7
solieri solieri Gory & Laporte, 1839 PAL	7
tschitscherini Semenov, 1895 PAL	7
vaginalis vaginalis Abeille de Perrin, 1897 PAL	7
abductus Horn, 1891 NEA	6
arbuti Fisher, 1928 NEA	6
carpini Knull, 1923 NEA	6
cephalicus LeConte, 1860 NEA	6
cliftoni Knull, 1941 NEA	6
defectus LeConte, 1860 NEA	6
granulatus granulatus (Say, 1823) NEA	6
granulatus liragus Barter & Brown, 1949 NEA	6
inhabilis chalcogaster Van Dyke, 1946 NEA	6
integerrimus (Ratzeburg, 1837) PAL	6
lacustris LeConte, 1860 NEA-NEO	6
massanensis Schaefer, 1955 PAL	6
pensus Horn, 1891 NEA	6
purpuratus (Klug, 1829) PAL-AFR	6
ruficollis (Fabricius, 1787) NEA-NEO	6
sinuatus sachalinensis Obenberger, 1935 PAL	6
viridiobscurus Saunders, 1873 PAL	6
addendus Crotch, 1873 NEA-NEO	5
albogularis artemisiae Brisout, 1863 PAL	5
asperulus Waterhouse, 1889 NEA-NEO	5

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
chiricahuae Fisher, 1928 NEA	5
crataegi Frost, 1912 NEA	5
cytisi Baudi, 1870 PAL	5
delphinensis Abeille de Perrin, 1897 PAL	5
detractus Waterhouse, 1889 NEO	5
dianthus Kerremans, 1892 OR	5
egenus Gory, 1841 NEA	5
fleischeri Obenberger, 1925 PAL	5
grandiceps hemiphanes Marseul, 1866 PAL	5
hectori Curletti, 2005 NEO	5
imbellis Crotch, 1873 NEA	5
komareki komareki Obenberger, 1926 PAL	5
lineola lineola Kiesenwetter, 1857 PAL	5
litura Kiesenwetter, 1857 PAL	5
morawitzi Obenberger, 1936 PAL	5
occipitalis (Eschscholtz, 1822) OR	5
paracelti Knull, 1972 NEA	5
peninsularis Van Dyke, 1942 NEA	5
pubifrons Fisher, 1928 NEA	5
putillus putillus Say, 1833 NEA	5
quadriguttatus niveiventris Horn, 1891 NEA	5
quadriimpressus Ziegler, 1845 NEA	5
aeneocephalus Fisher, 1928 NEA	4
albizziae Fisher, 1935 OR	4
albocomus Fisher, 1928 NEA	4
amelanchieri Knull, 1944 NEA	4
anthaxioides Hesperheide, 2009 NEO	4
asiaticus Kerremans, 1898 PAL-OR	4
audax Horn, 1891 NEA	4
baboquivariae Fisher, 1928 NEA	4
carinihumeralis Kurosawa, 1964 PAL-OR	4
chlorophyllus Abeille de Perrin, 1904 PAL	4
constantini Obenberger, 1927 PAL	4
cupreonitens Fisher, 1928 NEA-NEO	4
cuprescens chrysoderes Abeille de Perrin, 1891 PAL	4
daimio Obenberger, 1936 PAL	4
ecarinatus Marseul, 1866 PAL	4
echidna Curletti, 2001 OR	4
egeniformis Champlain & Knull, 1923 NEA	4
eleanorae Fisher, 1928 NEA-NEO	4
grandinatus Curletti, 2010 NEO	4
grandis Gory & Laporte, 1839 AFR	4
horni Kerremans, 1900 NEA	4
hyperici (Creutzer, 1799) PAL	4
inhabilis inhabilis Kerremans, 1900 NEA	4
lituratus (Klug, 1829) PAL-AFR	4

(continued)



**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
macer LeConte, 1858 NEA	4
mali Matsumura, 1924 PAL-OR	4
marozzinii Gobbi, 1974 PAL	4
mimosae Fisher, 1928 NEA	4
moerens Saunders, 1873 PAL-OR	4
nebulatus Curletti, 2006 OR	4
neoprosopidus Knull, 1938 NEA-NEO	4
nevadensis Horn, 1891 NEA	4
nipponigena Obenberger, 1935 PAL	4
obolinus LeConte, 1860 NEA	4
olentangi Champlain & Knull, 1925 NEA	4
ornatulus Horn, 1891 NEA	4
parkeri Knull, 1935 NEA	4
quadriguttatus fulminans Fisher, 1928 NEA	4
quadriguttatus quadriguttatus Gory, 1841 NEA	4
relegatus alexeevi Bellamy, 1998 PAL	4
ribbei Kiesenwetter, 1879 PAL	4
scitulus Horn, 1891 NEA	4
torquatus LeConte, 1860 NEA	4
townsendi Fall, 1907 NEA	4
uenoi Kurosawa, 1963 PAL	4
uhagoni Abeille de Perrin, 1897 PAL	4
venosus Gory & Laporte, 1839 PAL-AFR	4
ventralis Horn, 1891 NEA	4
viduus Kerremans, 1914 PAL-OR	4
viridissimus Cobos, 1964 OR	4
zigzag Marseul, 1866 PAL	4
adelphinus Kerremans, 1895 PAL-OR	3
assimilis assimilis Hope, 1846 OR	3
atricornis Fisher, 1928 NEA	3
aureus Chevrolat, 1838 NEA-NEO	3
barri Hespeneheide & Westcott, 2011 NEA	3
beauprei mourguesi Schaefer, 1954 PAL	3
benjamini Fisher, 1928 NEA	3
blandus Horn, 1891 NEA	3
burkei Fisher, 1917 NEA	3
cavatus Chevrolat, 1838 NEA-NEO	3
champlaini Frost, 1912 NEA	3
chrysothroides Hespeneheide, 2009 NEO	3
concinus Horn, 1891 NEA	3
convexifrons Kiesenwetter, 1857 PAL	3
corylicola Fisher, 1928 NEA	3
deauratus MacLeay, 1872 OR	3
desertus (Klug, 1829) PAL-AFR	3
duncani Knull, 1929 NEA-NEO	3
esakii Kurosawa, 1964 PAL	3

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
euonymi Tôyama, 1985 PAL	3
floridanus Crotch, 1873 NEA-NEO	3
frosti Knull, 1920 NEA	3
funebri funebri Deyrolle, 1864 OR	3
furcillatus Chevrolat, 1834 NEO	3
fuscipennis Gory, 1841 NEA	3
ganglbaueri Semenov, 1891 PAL	3
gibbicollis Fall, 1901 NEA	3
graecus Obenberger, 1916 PAL	3
grandiceps grandiceps Kiesenwetter, 1857 PAL	3
grisator Kerremans, 1893 OR	3
hespenheidei Nelson, 1991 NEA	3
huachucae Schaeffer, 1905 NEA	3
imitans Lewis, 1893 PAL	3
jenningsi Fisher, 1938 NEO	3
lecontei lecontei Saunders, 1871 NEA	3
limpiae Knull, 1941 NEA	3
malvastri Fisher, 1928 NEA	3
mendax Mannerheim, 1837 PAL	3
mixtus Kerremans, 1892 OR	3
mogadoricus mogadoricus Escalera, 1914 PAL	3
mogadoricus talboti Théry, 1930 PAL	3
moriscus Obenberger, 1913 PAL	3
niveosignatus Obenberger, 1914 PAL	3
oblongus Fisher, 1928 NEA	3
obscurilineatus Vogt, 1949 NEA	3
obtusus Horn, 1891 NEA	3
opulentus Kerremans, 1900 OR	3
ornatus Deyrolle, 1864 OR	3
paludicola Krogerus, 1922 PAL	3
pilosovittatus Saunders, 1873 PAL	3
proteus Abeille de Perrin, 1893 PAL	3
quadrisignatus Marseul, 1866 PAL	3
quercus Schaeffer, 1905 NEA-NEO	3
sachalinicola Obenberger, 1940 PAL	3
salviaphilos Manley, 1979 NEA	3
sayi Saunders, 1870 NEA	3
sexguttatus sexguttatus (Thunberg, 1789) AFR	3
shashamboe Kurosawa, 1963 PAL	3
spinipennis Lewis, 1893 PAL-OR	3
subtropicus Schaeffer, 1905 NEA-NEO	3
sylviae Niehuis, 1992 PAL	3
tempestivus Lewis, 1893 PAL	3
ussuricola Obenberger, 1924 PAL	3
viridicaerulans rubi Schaefer, 1937 PAL	3
abditus Horn, 1891 NEA	2

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
aerosus Ganglbauer, 1889 PAL	2
albomarginatus Fiori, 1906 PAL	2
andresi Obenberger, 1920 PAL	2
angustulus bicoloratus Abeille de Perrin, 1894 PAL-AFR	2
asahinai Kurosawa, 1956 PAL	2
atlanticus Curletti, 2005 NEO	2
aurociliatus Théry, 1904 OR	2
aurovittatus Hope, 1846 OR	2
barberi Fisher, 1928 NEA	2
betulanigrae MacRae, 2003 NEA	2
bonvouloirii Murray, 1868 AFR	2
braunsi Obenberger, 1931 AFR	2
caesalpiniae Hespeneheide, 1990 NEO	2
cavifrons Waterhouse, 1889 NEA-NEO	2
cercidii Knull, 1937 NEA-NEO	2
cervus Curletti, 2006 OR	2
chionochaetus Obenberger, 1913 PAL	2
collaris (Waterhouse, 1889) NEO	2
colonicus Curletti, 2005 NEO	2
criddlei Frost, 1920 NEA	2
croceivestis Marseul, 1866 PAL	2
cupes Lewis, 1893 PAL	2
cuprescens amethystopterus Semenov, 1891 PAL	2
cyphothoracoides Hespeneheide, 2008 NEO	2
cypselus Curletti, 2006 OR	2
decoloratus Kerremans, 1892 PAL-OR	2
decupratus Curletti, 2001 OR	2
deguchii Tôyama, 1985 PAL-OR	2
derasofasciatus Lacordaire, 1835 PAL	2
difficilis Gory, 1841 NEA	2
discalis Saunders, 1873 PAL-OR	2
dollii Schaeffer, 1904 NEA-NEO	2
dozieri Fisher, 1918 NEA	2
elegans teucree Schaefer, 1949 PAL	2
ferrisi Dury, 1908 NEA	2
fisherianus Knull, 1930 NEA	2
frenchi Blackburn, 1891 OR	2
funestus Gory, 1841 NEO	2
gestroi Kerremans, 1906 AFR	2
granulatus mojavei Knull, 1952 NEA	2
granulatus populi Fisher, 1928 NEA	2
gussakovskiji Alexeev, 1981 PAL	2
hastulatus Fähræus, 1851 AFR	2
hattorii Nakane, 1983 PAL	2
hualpaii Knull, 1939 NEA	2
hypericicola Abeille de Perrin, 1893 PAL	2

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
inamoenus Kerremans, 1892 OR	2
indignus Fairmaire, 1849 OR	2
inhabilis cuprinus Nelson, 1991 NEA	2
ivetteae Curletti, 2010 NEO	2
juglandis Knull, 1920 NEA	2
kaluganus Obenberger, 1940 PAL	2
koala Curletti, 2001 OR	2
kurumi Kurosawa, 1957 PAL	2
leucaenae Hespeneide, 2009 NEO	2
luctator Kerremans, 1903 NEA-NEO	2
margotanae Novak, 2001 PAL	2
mastersii MacLeay, 1872 OR	2
metropolitanus Curletti, 2005 NEO	2
morobensis Curletti, 2006 OR	2
mutabilis Waterhouse, 1889 NEO	2
nicolanus Obenberger, 1924 PAL	2
nubeculosus deserticola Descarpentries & Bruneau de Miré, 1963 PAL-AFR	2
nubeculosus nubeculosus Fairmaire, 1891 PAL-AFR	2
ohioensis Knull, 1951 NEA	2
okinawensis okinawensis Miwa, 1933 PAL-OR	2
olivaceocupreus Hespeneide, 1990 NEO	2
olivaceoniger Fisher, 1928 NEA	2
opacipennis Waterhouse, 1889 NEO	2
osburni Knull, 1937 NEA	2
peregrinus Kiesenwetter, 1879 PAL	2
przewalskii Obenberger, 1936 PAL	2
pseudocoryli Fisher, 1928 NEA	2
pseudofallax Frost, 1923 NEA	2
pseudolimoniastris Cobos, 1968 PAL	2
pubescens Fisher, 1928 NEA	2
puncticeps LeConte, 1860 NEA	2
restrictus Waterhouse, 1889 NEA	2
rifkindi rifkindi Hespeneide, 2009 NEO	2
roscidinus Obenberger, 1923 AFR	2
rosei Niehuis & Bernhard, 2005 PAL	2
rubroniger Hespeneide, 1979 NEA	2
rubrovittatus (Waterhouse, 1889) NEA-NEO	2
satyrus Curletti, 2006 OR	2
smaragdinus smaragdinus Solsky, 1876 PAL	2
solers Curletti, 1997 AFR	2
sospes Lewis, 1893 PAL	2
sparsus Waterhouse, 1889 NEA-NEO	2
spathulatus (Obenberger, 1931) AFR	2
subauratus amurensis Obenberger, 1922 PAL	2
suzukii Kurosawa, 1985 OR	2
swifti Curletti, 2006 OR	2

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
takahashii Tôyama, 1988 PAL	2
tarae Bellamy, 1999 PAL-AFR	2
tardulus Obenberger, 1924 OR	2
tazoei Kurosawa, 1985 PAL	2
teocchii Curletti, 1998 AFR	2
thoracicus Gory & Laporte, 1839 NEO	2
transimpressus Fall, 1925 NEA	2
unguiculosus Obenberger, 1936 PAL	2
viridescens Knull, 1935 NEA	2
viridiaeris Curletti, 2005 NEO	2
viridicaerulans viridicaerulans Marseul, 1868 PAL	2
volof Curletti, 1998 AFR	2
voriseki Jendek, 1995 PAL	2
walsinghami Crotch, 1873 NEA	2
wenzeli Knull, 1934 NEA	2
yamabusi Miwa & Chûjô, 1940 PAL	2
yamawakii Kurosawa, 1957 PAL-OR	2
zanthoxylumi Li Meng Lou, 1989 PAL	2
adinocephalus Curletti, 2005 NEO	1
adlbaueri Niehuis, 1987 PAL	1
aereus Saunders, 1866 OR	1
aethiops Hesperheide, 1990 NEO	1
affinis Waterhouse, 1889 NEO	1
alashanensis Obenberger, 1936 PAL	1
albogularis dalmatinus Obenberger, 1937 PAL	1
alesi Obenberger, 1935 PAL	1
aliciae Bellamy, 2005 NEO	1
allisoni Curletti, 2006 OR	1
andersoni Hesperheide, 2008 NEO	1
antennalis Descarpentries, 1959 AFR	1
argythamniae Hesperheide & Westcott, 2011 NEA-NEO	1
arizonicus Obenberger, 1936 NEA-NEO	1
atriplicis atriplicis Théry, 1900 PAL	1
aurilaterus Waterhouse, 1889 NEA-NEO	1
auripilis Deyrolle, 1864 OR	1
auristernum Obenberger, 1924 PAL-OR	1
auriventris Saunders, 1873 PAL-OR	1
auroapicalis ishigakianus Tôyama, 1985 PAL-OR	1
auropictus Kerremans, 1912 PAL-OR	1
babai Tôyama, 1988 PAL-OR	1
babuinus Curletti & Dutto, 1999 AFR	1
baili Curletti, 2005 NEO	1
balaenoides Waterhouse, 1889 NEO	1
basilaris Waterhouse, 1889 NEO	1
bauhiniae Fisher, 1935 OR	1
beauprei beauprei Théry, 1930 PAL	1

(continued)



**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
bentseni Knull, 1954 NEA	1
bifidus Curletti & Brûlé, 2014 NEO	1
birmanicus Kerremans, 1892 OR	1
boanoi Curletti, 1998 AFR	1
boninensis Kurosawa, 1963 OR	1
bonnottei Bourgoïn, 1925 OR	1
bothrops Curletti, 2005 NEO	1
breuningi Descarpentries & Villiers, 1963 OR	1
brevicornis Guérin, 1840 OR	1
brevis Carter, 1924 OR	1
buresi Obenberger, 1935 PAL	1
caepa Curletti & Dutto, 1999 AFR	1
cailloli malariae Curletti & Dutto, 1999 AFR	1
canaliculatus Kerremans, 1898 AFR	1
carissimus (Waterhouse, 1889) NEO	1
carterellus Obenberger, 1959 OR	1
castus Descarpentries & Villiers, 1963 OR	1
centralis Waterhouse, 1889 NEO	1
centunculus Curletti, 2005 NEO	1
cerinoguttatus Chevrolat, 1835 NEO	1
chamelae Hespeneheide, 1990 NEA-NEO	1
chekiangensis Gebhardt, 1929 PAL-OR	1
chobauti Abeille de Perrin, 1897 PAL	1
chujoi Kurosawa, 1985 PAL-OR	1
cladrastis Knull, 1945 NEA	1
clytrinoïdes Bellamy & Hespeneheide, 2002 NEO	1
cobosinus Curletti, 1994 AFR	1
corrugatus (Waterhouse, 1889) NEO	1
crapulellus Thomson, 1879 NEO	1
crisianoï Curletti & Vayssières, 2007 AFR	1
ctenias Théry, 1934 AFR	1
cteniasiformis Curletti & Sakalian, 2009 AFR	1
cupriventris Gory & Laporte, 1839 AFR	1
cyanescens johanidesi Niehuis, 1999 PAL	1
cyanipennis Gory & Laporte, 1839 OR	1
dahoi Baudon, 1965 OR	1
dama Curletti, 2006 OR	1
debilis Fähræus, 1851 AFR	1
delenitor celtivorus Curletti, 1998 AFR	1
delmastrellus Curletti & Vayssières, 2007 AFR	1
derrisi Théry, 1930 OR	1
dhotmanae Curletti, 1999 AFR	1
diospyroides Knull, 1942 NEA	1
discoloriformis Obenberger, 1920 PAL-AFR	1
disorientatus Curletti, Ribeiro & Migliore, 2013 NEO	1
divaricatus Waterhouse, 1889 NEA-NEO	1

(continued)

**Table 4** (continued)

<i>Agrius</i>	Number of hosts
diversicolor (Wallengren, 1881) AFR	1
diversornatus Jendek, 2011 PAL	1
dollmanni tsetsei Curletti & Dutto, 1999 AFR	1
drumonti Curletti & Vayssières, 2007 AFR	1
elongatulus Gory & Laporte, 1839 AFR	1
enriquei Murria Beltrán & Murria Beltrán, 2007 PAL	1
exiguellus Fisher, 1928 NEA	1
exsapindi Vogt, 1949 NEA	1
extraneus Fisher, 1933 OR	1
femoralis Waterhouse, 1889 NEO	1
finellei Curletti & Vayssières, 2007 AFR	1
forschhammeri Curletti, 1998 AFR	1
fortunatus Lewis, 1893 PAL	1
francottei Curletti, 1997 AFR	1
frequens Curletti & Dutto, 1999 AFR	1
fulgens LeConte, 1860 NEA	1
fulvovittatus Fisher, 1921 OR	1
gazzella Curletti & Dutto, 1999 AFR	1
geronimoi Knull, 1950 NEA	1
gianassoi Magnani & Niehuis, 1994 PAL	1
giesberti Hespeneheide, 2009 NEO	1
gillespiensis Knull, 1947 NEA	1
giorgiae Curletti, 2004 AFR	1
globulifrons Obenberger, 1920 PAL	1
goergeni Curletti & Vayssières, 2007 AFR	1
gordoni Curletti & Sakalian, 2009 AFR	1
grandiceps cyrenaicus Curletti, 2005 PAL	1
gregori Obenberger, 1936 PAL	1
griseoniger Hespeneheide, 1990 NEO	1
gueorguievi Curletti & Sakalian, 2009 AFR	1
guerryi Obenberger, 1933 AFR	1
harenus Nelson, 1994 NEA	1
harmodius centrafricanus Curletti, 1998 AFR	1
harmodius harmodius Obenberger, 1935 AFR	1
hassani Théry, 1930 PAL	1
hastuliformis Novak, 2003 PAL	1
hehe Curletti & Dutto, 1999 AFR	1
heterothecae Knull, 1972 NEA	1
hirashimai hirashimai Kurosawa, 1964 PAL-OR	1
hittita Magnani, 1996 PAL	1
howdenae Curletti, 1999 AFR	1
howdeni Knull, 1957 NEA	1
howdenorum Hespeneheide, 2008 NEO	1
ibericus Sobrino Sánchez & Tolosa Sánchez, 2005 PAL	1
ignotus Waterhouse, 1889 NEO	1
impexus Horn, 1891 NEA	1

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
inadai Fukutomi, 2006 PAL-OR	1
incongruellus Obenberger, 1935 OR	1
incredulus Curletti, 2005 NEO	1
inexpectatus Novak & Curletti, 2007 AFR	1
ingae Curletti, 2005 NEO	1
inops Kerremans, 1892 OR	1
interstitialis Hespenseide & Westcott, 2011 NEA-NEO	1
invectus Curletti & Dutto, 1999 AFR	1
irruptus Obenberger, 1931 AFR	1
isoberliniae Curletti & Vayssières, 2007 AFR	1
ixcuinae Fisher, 1938 NEO	1
jacetanus Sobrino Sánchez & Tolosa Sánchez, 2004 PAL	1
japanocarينات Ohmomo, 2002 PAL	1
javicola Fisher, 1935 OR	1
jiloi Curletti & Sakalian, 2009 AFR	1
kalshoveni Obenberger, 1931 OR	1
kangaroo Curletti, 2001 OR	1
karrooi Curletti, 1999 AFR	1
kinuthiae Curletti & Sakalian, 2009 AFR	1
komareki sapporoensis Obenberger, 1935 PAL	1
krantzi Kerremans, 1911 AFR	1
kubani Bílý, 1991 PAL	1
kutahyanus Królik, 2002 PAL	1
kuzikusensis Curletti & Cristiano, 2013 AFR	1
lacordairei Gory & Laporte, 1839 NEO	1
lacus Curletti & Ponel, 1994 PAL	1
latifrons Waterhouse, 1889 NEA-NEO	1
latipalpis Jendek, 2007 PAL-OR	1
lautuellus Fisher, 1928 NEA	1
limoniastri Bedel, 1886 PAL	1
lineola shamyi Obenberger, 1922 PAL	1
lithocarpi Curletti, 2006 OR	1
ljubomirovi Curletti & Sakalian, 2009 AFR	1
lopatini Alexeev, 1964 PAL	1
lucanus Fall, 1906 NEA-NEO	1
lucindae Hespenseide, 2010 NEO	1
mabokeanus Curletti, 1998 AFR	1
macrocephalus Curletti, 2006 OR	1
maddalena Curletti, 1998 AFR	1
madeci Baudon, 1968 PAL-OR	1
makiharaiellus Ohmomo, 2006 PAL-OR	1
malicola Rungs & Schaefer, 1948 PAL	1
malloti Théry, 1930 PAL-OR	1
mallotiellus Kurosawa, 1985 PAL	1
marcens Obenberger, 1935 AFR	1
marginicollis Saunders, 1873 PAL	1

(continued)



**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
marietae Curletti & Sakalian, 2007 AFR	1
mashunus Péringuey, 1908 AFR	1
matacottai Curletti & Dutto, 1999 AFR	1
mediocris Kerremans, 1900 OR	1
melanocerus Curletti, 2005 NEO	1
meloni Curletti, 1986 PAL	1
monogrammus Thomson, 1879 PAL-OR	1
montosae Barr, 2008 NEA	1
motoinus Obenberger, 1935 AFR	1
muscarius Kerremans, 1895 PAL-OR	1
muticus LeConte, 1858 NEA	1
myops Curletti, 1998 AFR	1
napatecutli Fisher, 1938 NEO	1
navarrei Baudon, 1965 OR	1
nelsonodaimio Ohmomo, 2006 PAL	1
nigeriae Obenberger, 1935 AFR	1
nigricans Gory, 1841 NEA	1
niveoguttatus Kerremans, 1892 OR	1
nivus Abeille de Perrin, 1900 PAL	1
njugunai Curletti & Sakalian, 2009 AFR	1
nodifrons Waterhouse, 1889 NEO	1
obrienorum Hespeneheide, 2009 NEO	1
obscuricinctus Obenberger, 1935 OR	1
observans Waterhouse, 1889 NEO	1
oceanicus Cobos, 1959 NEO	1
ocularius Curletti, 1998 AFR	1
okinawensis shiozakii Tōyama, 1985 OR	1
olivaceidorsis Obenberger, 1917 OR	1
olivaceoaeus Hespeneheide, 1990 NEO	1
oliveri Niehuis, 1989 PAL	1
olmii tropicus Curletti, 1998 AFR	1
oomsisensis Curletti, 2006 OR	1
orangei Curletti, 1999 AFR	1
orestes takaii Nakane, 1983 PAL-OR	1
orothei Baudon, 1965 OR	1
pacatus Kerremans, 1913 AFR	1
pachycerus Pochon, 1972 AFR	1
paganettii Obenberger, 1913 PAL	1
palmerleei Knull, 1944 NEA	1
parabductus Knull, 1954 NEA	1
paradiseus Obenberger, 1924 OR	1
paramacer Hespeneheide, 2009 NEO	1
paramasculus Champlain & Knull, 1923 NEA	1
parapupala Curletti, 1998 AFR	1
parkinsoniae Hespeneheide, 2009 NEO	1
parvus californicus Westcott & Nelson, 2000 NEA	1

(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
parvus parvus Saunders, 1870 NEA	1
pecirkai Obenberger, 1916 PAL	1
pediculus pediculus Curletti, 1999 AFR	1
pekinensis pekinensis Obenberger, 1924 PAL-OR	1
peresoso Curletti, 2005 NEO	1
perisi Cobos, 1986 PAL	1
perlisensis Fisher, 1936 OR	1
perrini Pic, 1905 PAL	1
pilosellus Thomson, 1878 NEO	1
pilosus Waterhouse, 1889 NEO	1
piscis Gory, 1841 NEO	1
popovi Curletti & Sakalian, 2009 AFR	1
pouesseli Baudon, 1960 OR	1
preyssleri Obenberger, 1933 NEO	1
prionurus Chevrolat, 1838 NEA-NEO	1
pseudoconstantini Alexeev, 1981 PAL	1
pseudocyaneus Kiesenwetter, 1857 PAL	1
pseudoliturgatus Descarpentries, 1959 AFR	1
pseudonubeculosus Descarpentries, 1959 AFR	1
pseudopurpuratus Descarpentries & Bruneau de Miré, 1963 PAL-AFR	1
pseudosericans Obenberger, 1936 PAL	1
pubiventris Kiesenwetter, 1857 PAL	1
pujoli pujoli Descarpentries, 1963 AFR	1
pulex Curletti & Bellamy, 2005 AFR	1
pupalinus Curletti, 1998 AFR	1
putillus parputillus Knull, 1960 NEA	1
quadricostatus Waterhouse, 1889 NEA-NEO	1
quadrinotatus Gory, 1841 NEO	1
quetzalcoatlí Fisher, 1938 NEO	1
rabaticus Théry, 1930 PAL	1
raphelisi Obenberger, 1923 OR	1
raventazonus Fisher, 1929 NEO	1
refectus Waterhouse, 1889 NEA-NEO	1
regius Curletti, 1998 AFR	1
reichardti Obenberger, 1935 PAL-OR	1
relegatoides Novak, 2003 PAL	1
rhoos Królik & Niehuis, 2003 PAL	1
rhopalocerus Pochon, 1972 AFR	1
rifkindi pueblae Hespeneheide, 2009 NEO	1
rilliardi Baudon, 1988 OR	1
rougeoti Descarpentries & Villiers, 1963 OR	1
rudicollis Alexeev, 1979 PAL	1
rufuscapitae Curletti, 2005 NEO	1
sagittarius Curletti, 1997 AFR	1
sahelicus Curletti, 1998 PAL	1
salweenensis Stebbing, 1914 OR	1

(continued)

**Table 4** (continued)

<i>Agilus</i>	Number of hosts
samai Magnani, 1995 PAL	1
sapindi Knull, 1938 NEA	1
satoi Kurosawa, 1954 PAL-OR	1
saucius Curletti, 2002 AFR	1
schmidli Curletti, 2005 NEO	1
schwerdtfegeri Schwerdtfeger, 1953 NEO	1
scythicus Królik & Janicki, 2005 PAL	1
seiunctus Curletti & Dutto, 1999 AFR	1
sekii sekii Ohmomo, 2004 PAL-OR	1
sekii yaeyamanus Ohmomo, 2004 PAL-OR	1
semerdjievi Curletti & Sakalian, 2009 AFR	1
semiaurovittatus Kurosawa, 1954 OR	1
servus Curletti & Dutto, 1999 AFR	1
sexsignatus Fisher, 1921 OR	1
shibatai Kurosawa, 1964 PAL	1
sibiricus fukushimenis Jendek, 1994 PAL	1
sibiricus sibiricus Obenberger, 1912 PAL	1
snowi Fall, 1905 NEA	1
somalus Curletti, 1998 AFR	1
somsanithi Baudon, 1965 OR	1
soudeki Obenberger, 1926 PAL	1
speciosus Waterhouse, 1889 NEO	1
spectabilis Kerremans, 1895 OR	1
sperkii Solsky, 1873 PAL	1
squamulatus Waterhouse, 1889 NEO	1
subcuneiformis Kurosawa, 1954 OR	1
subguttatus Waterhouse, 1889 NEO	1
subrobustus Saunders, 1873 PAL-OR	1
sudai Kurosawa, 1985 PAL	1
sulcatulus Chevrolat, 1835 NEA-NEO	1
sulcifer Abeille de Perrin, 1895 PAL	1
sulcipennis Solier, 1849 NEO	1
sundholmi Curletti, 2009 OR	1
suturisignatus Obenberger, 1924 PAL	1
tacitus Kerremans, 1894 NEO	1
taeniatus Chevrolat, 1835 NEA-NEO	1
tenuissimus Abeille de Perrin, 1891 PAL	1
thurei Curletti, 1996 AFR	1
thylacinus Curletti, 2001 OR	1
tiacapanae Fisher, 1938 NEO	1
tlaculteutlae Fisher, 1938 NEO	1
tokyoensis Kurosawa, 1985 PAL-OR	1
toteci Fisher, 1938 NEO	1
toxotes Obenberger, 1935 NEA-NEO	1
trames Curletti & Brûlé, 2013 NEO	1
transversesulcatus Reitter, 1890 PAL	1

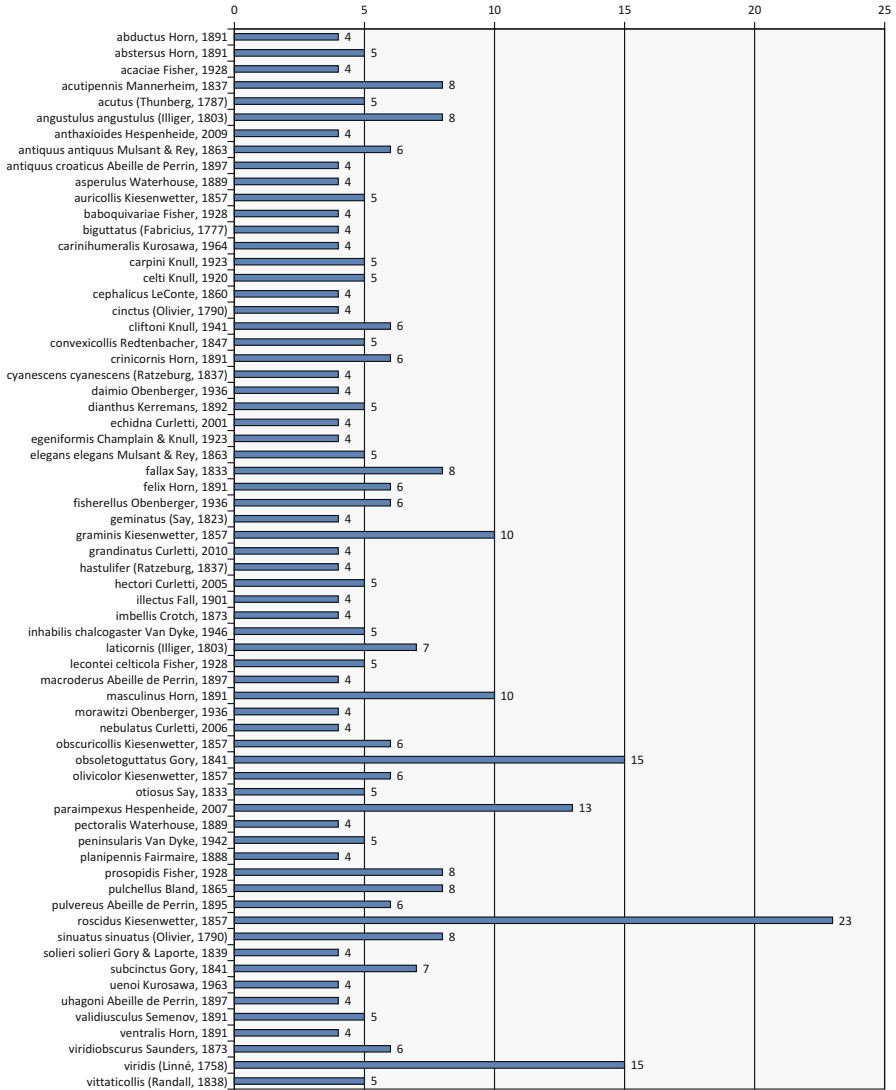
(continued)

**Table 4** (continued)

<i>Agrilus</i>	Number of hosts
trinotatus Saunders, 1873 PAL	1
trypaniformis Fisher, 1929 NEO	1
tsutsumiuchii Ohmomo, 2006 PAL	1
turnbowi Nelson, 1990 NEA	1
tynnanthi Curletti, 2005 NEO	1
ukerewensis masai Curletti, 1994 AFR	1
ulaangomiensis Cobos, 1972 PAL	1
ulmicola Jendek, 2011 PAL	1
umactli Fisher, 1938 NEO	1
unus Curletti, 2005 NEO	1
uromastix Curletti & Magnani, 2006 PAL	1
utahensis Westcott, 1991 NEA	1
vaginalis philippovi Alexeev, 1965 PAL	1
vandenberghai Westcott & Hespeneheide, 2006 NEO	1
ventricosus Fairmaire, 1888 PAL	1
verityi Hespeneheide, 1990 NEO	1
vermiculatus (Waterhouse, 1889) NEO	1
vescivittatus Hespeneheide & Westcott, 2011 NEA-NEO	1
vilis Saunders, 1874 OR	1
villosostriatus Thomson, 1879 OR	1
viridicephalus Fisher, 1929 NEO	1
viridifrons Kerremans, 1893 OR	1
vitzilopuchtli Fisher, 1938 NEO	1
volkovitshi Jendek, 2007 PAL-OR	1
wallaby Curletti, 2001 OR	1
waltersi Nelson, 1985 NEA	1
watanukiorum Fukutomi, 2010 PAL	1
weyersi Kerremans, 1900 OR	1
windhoekii Obenberger, 1935 AFR	1
xanthonotus Waterhouse, 1889 NEO	1
yamajii Tôyama, 1985 PAL	1
yemenita Curletti & Harten, 2002 AFR	1
yiacatecutli Fisher, 1938 NEO	1
yvesi Curletti, 2005 NEO	1
zieglerei Niehuis, 2006 PAL	1

### ***Family Level***

The family-level host plant preference of *Agrilus* taxa is shown in Fig. 14. The most *Agrilus* have host plants from families: Leguminosae (285 *Agrilus* taxa), Fagaceae (116), Betulaceae (47), Cannabaceae (46) and Salicaceae (45). Family Leguminosae has more than twice the number than the second most preferred family Fagaceae.

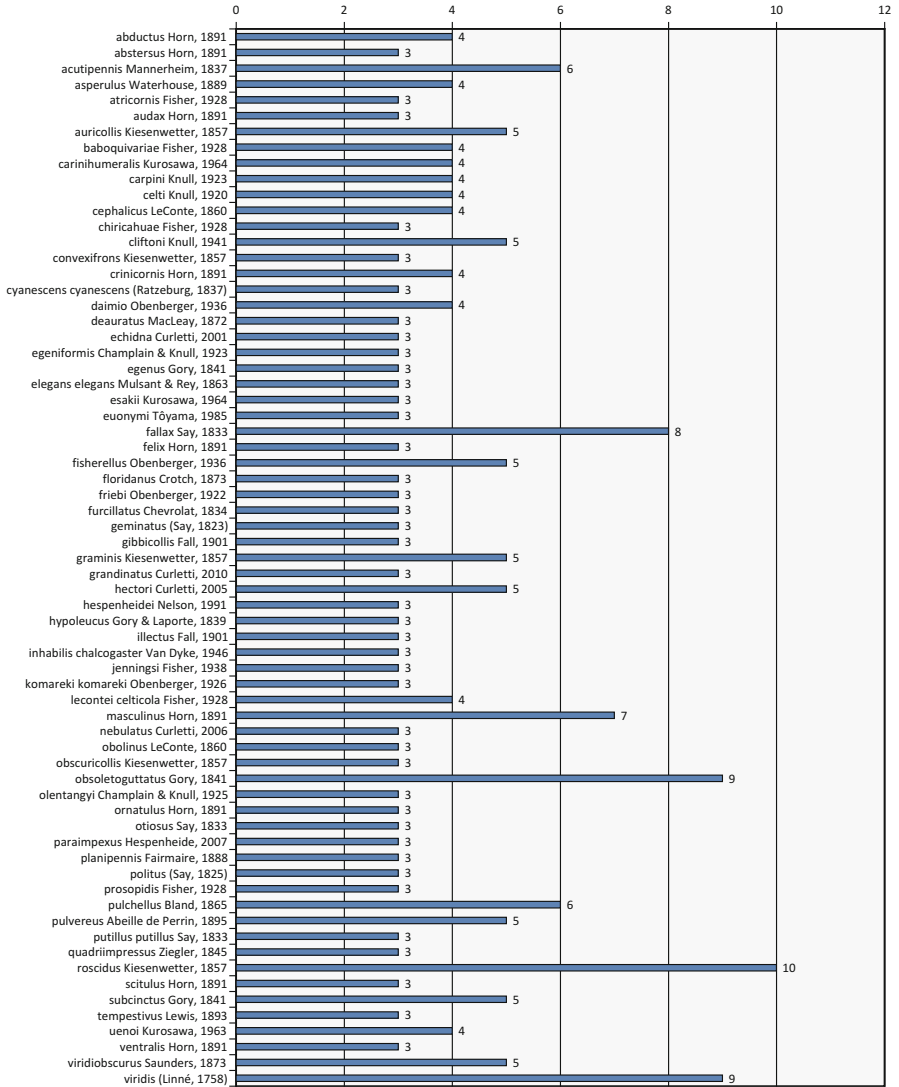


**Fig. 10** Genus-level host plant range of *Agrilus* taxa. Only taxa with host plants from more than three genera are shown



**Table 5** *Agrilus* taxa with highest number of host plants from single genus

<i>Agrilus</i>	Genus	Number of hosts
cuprescens cuprescens (Ménétriés, 1832)	<i>Rosa</i>	21
angustulus angustulus (Illiger, 1803)	<i>Quercus</i>	14
salicis Frivaldszky, 1877	<i>Salix</i>	13
graminis Kiesenwetter, 1857	<i>Quercus</i>	12
hastulifer (Ratzeburg, 1837)	<i>Quercus</i>	
viridis (Linné, 1758)	<i>Salix</i>	
acutipennis Mannerheim, 1837	<i>Quercus</i>	11
acutus (Thunberg, 1787)	<i>Hibiscus</i>	
arcuatus (Say, 1825)	<i>Quercus</i>	10
auroguttatus Schaeffer, 1905	<i>Quercus</i>	
cyaneoniger Saunders, 1873	<i>Quercus</i>	
cyanescens cyanescens (Ratzeburg, 1837)	<i>Lonicera</i>	
planipennis Fairmaire, 1888	<i>Fraxinus</i>	
roscidus Kiesenwetter, 1857	<i>Prunus</i>	
suvorovi Obenberger, 1935	<i>Populus</i>	
anxius Gory, 1841	<i>Betula</i>	9
biguttatus (Fabricius, 1777)	<i>Quercus</i>	
bilineatus (Weber, 1801)	<i>Quercus</i>	
guerini Lacordaire, 1835	<i>Salix</i>	
hypoleucus Gory & Laporte, 1839	<i>Acacia</i>	8
angelicus Horn, 1891	<i>Quercus</i>	
ater (Linné, 1767)	<i>Populus</i>	
australasiae Gory & Laporte, 1839	<i>Acacia</i>	
obsoletoguttatus Gory, 1841	<i>Quercus</i>	
politus (Say, 1825)	<i>Salix</i>	7
albogularis albogularis Gory, 1841	<i>Artemisia</i>	
betuleti (Ratzeburg, 1837)	<i>Betula</i>	
coxalis Waterhouse, 1889	<i>Quercus</i>	
curtulus Mulsant & Rey, 1863	<i>Quercus</i>	
laticornis (Illiger, 1803)	<i>Quercus</i>	
macroderus Abeille de Perrin, 1897	<i>Prunus</i>	
obscuricollis Kiesenwetter, 1857	<i>Quercus</i>	
pratensis (Ratzeburg, 1837)	<i>Populus</i>	
quercicola Fisher, 1928	<i>Quercus</i>	
sericans Kiesenwetter, 1857	<i>Artemisia</i>	
subauratus subauratus (Gebler, 1833)	<i>Salix</i>	
viridis (Linné, 1758)	<i>Acer</i>	6
auricollis Kiesenwetter, 1857	<i>Ulmus</i>	
elegans elegans Mulsant & Rey, 1863	<i>Cistus</i> <i>Helianthemum</i>	
granulatus liragus Barter & Brown, 1949	<i>Populus</i>	
otosus Say, 1833	<i>Carya</i>	
ribesi Schaefer, 1946	<i>Ribes</i>	
ruficollis (Fabricius, 1787)	<i>Rubus</i>	
sulcicollis Lacordaire, 1835	<i>Quercus</i>	
validiusculus Semenov, 1891	<i>Salsola</i>	
viridis (Linné, 1758)	<i>Betula</i>	



**Fig. 11** Family-level host plant range of *Agrilus* taxa. Only taxa with host plants from more than two families are shown

**Table 6** Host plants with number of reported *Agrilus* taxa

Host plant	Number of <i>Agrilus</i>
<i>Abelmoschus esculentus</i> (L.) Moench	1
<i>Acacia acuminata</i> Benth.	1
<i>Acacia acuminata</i> subsp. <i>burkittii</i> (Benth.) Kodala & Tindale	1
<i>Acacia angustissima</i> (Mill.) Kuntze	2
<i>Acacia angustissima</i> var. <i>suffrutescens</i> (Rose) Isely	1
<i>Acacia berlandieri</i> Benth.	1
<i>Acacia binervata</i> DC.	1
<i>Acacia calamifolia</i> Lindl.	1
<i>Acacia catechu</i> (L. f.) Willd.	1
<i>Acacia chalkerii</i> Maiden	1
<i>Acacia cochliacantha</i> Willd.	8
<i>Acacia constricta</i> A. Gray	2
<i>Acacia crassa</i> Pedley	1
<i>Acacia dealbata</i> Link	2
<i>Acacia decurrens</i> Willd.	2
<i>Acacia ehrenbergiana</i> Hayne	2
<i>Acacia erubescens</i> Oliv.	1
<i>Acacia farnesiana</i> (L.) Willd.	10
<i>Acacia gageana</i> Craib	1
<i>Acacia greggii</i> A. Gray	10
<i>Acacia gummifera</i> Willd.	3
<i>Acacia harpophylla</i> Benth.	1
<i>Acacia karroo</i> Hayne	4
<i>Acacia lahai</i> Benth.	1
<i>Acacia leiocalyx</i> (Domin) Pedley	1
<i>Acacia leucolobia</i> Sweet	1
<i>Acacia ligulata</i> Benth.	1
<i>Acacia longifolia</i> (Andrews) Willd.	1
<i>Acacia longifolia</i> subsp. <i>sophorae</i> (Labill.) Court	2
<i>Acacia mangium</i> Willd.	1
<i>Acacia mearnsii</i> De Wild.	2
<i>Acacia melanoceras</i> Beurl.	2
<i>Acacia melanoxylon</i> R. Br.	1
<i>Acacia mellifera</i> (M. Vahl) Benth.	6
<i>Acacia oswaldii</i> F. Muell.	1
<i>Acacia parramattensis</i> Tindale	2
<i>Acacia pennatula</i> (Schltdl. & Cham.) Benth.	10
<i>Acacia pubescens</i> (Vent.) R. Br.	1
<i>Acacia pycnantha</i> Benth.	3
<i>Acacia rigidula</i> Benth.	5
<i>Acacia robusta</i> Burch.	1
<i>Acacia senegal</i> (L.) Willd.	1
<i>Acacia seyal</i> Delile	2

(continued)



Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Acacia sieberiana</i> DC.	3
<i>Acacia spectabilis</i> Benth.	2
<i>Acacia tomentosa</i> Willd.	1
<i>Acacia tortilis</i> (Forssk.) Hayne	7
<i>Acacia tortilis</i> subsp. <i>raddiana</i> (Savi) Brenan	10
<i>Acacia tortilis</i> subsp. <i>spirocarpa</i> (A. Rich.) Brenan	2
<i>Acer campestre</i> L.	1
<i>Acer glabrum</i> Torr.	1
<i>Acer negundo</i> L.	1
<i>Acer oblongum</i> Wall. ex DC.	2
<i>Acer opalus</i> Mill.	1
<i>Acer pennsylvanicum</i> L.	1
<i>Acer platanoides</i> L.	3
<i>Acer pseudoplatanus</i> L.	1
<i>Acer rubrum</i> L.	1
<i>Acer saccharum</i> Marshall	5
<i>Acer saccharum</i> subsp. <i>grandidentatum</i> (Torr. & A. Gray) Desmarais	1
<i>Acer tataricum</i> L.	1
<i>Acer tataricum</i> subsp. <i>ginnala</i> (Maxim.) Wesm.	1
<i>Adenocarpus anagryifolius</i> Cosson & Balansa (1873)	2
<i>Adenocarpus complicatus</i> (L.) Gay	1
<i>Adenorachis arbutifolia</i> (L.) Nieuwl.	1
<i>Aesculus glabra</i> Willd.	3
<i>Aesculus pavia</i> L.	1
<i>Ajania fruticulosa</i> (Ledeb.) Poljakov	2
<i>Albizia adianthifolia</i> (Schum.) W. Wight	1
<i>Albizia adinocephala</i> (Donn. Sm.) Record	1
<i>Albizia amara</i> (Roxb.) B. Boivin	1
<i>Albizia amara</i> subsp. <i>sericocephala</i> (Benth.) Brenan	1
<i>Albizia brevifolia</i> Schinz	1
<i>Albizia gummifera</i> (J. F. Gmel.) C. A. Sm.	1
<i>Albizia julibrissin</i> Durazz.	2
<i>Albizia lebbek</i> (L.) Benth.	2
<i>Albizia saman</i> (Jacq.) Merr.	1
<i>Albizia zygia</i> (DC.) J. F. Macbr.	9
<i>Allionia incarnata</i> L.	1
<i>Allocauarina campestris</i> (Diels) L. A. S. Johnson	1
<i>Allocauarina huegeliana</i> (Miq.) L. A. S. Johnson	3
<i>Allocauarina muelleriana</i> (Miq.) L. A. S. Johnson	1
<i>Allocauarina torulosa</i> (Dryand. ex Aiton) L. A. S. Johnson	1
<i>Alnus acuminata</i> Kunth	1
<i>Alnus cordata</i> (Loisel.) Duby	1
<i>Alnus glutinosa</i> (L.) Gaertn.	2
<i>Alnus hirsuta</i> (Spach) Rupr.	2
<i>Alnus incana</i> (L.) Moench	3
<i>Alnus incana</i> subsp. <i>rugosa</i> (Du Roi) R. T. Clausen	1
<i>Alnus incana</i> subsp. <i>tenuifolia</i> (Nutt.) Breitung.	2

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Alnus japonica</i> (Thunb.) Steud.	1
<i>Alnus nepalensis</i> D. Don	1
<i>Alnus pendula</i> Matsum.	1
<i>Alnus rhombifolia</i> Nutt.	1
<i>Alnus rubra</i> Bong.	1
<i>Alnus viridis</i> (Chaix) DC.	1
<i>Alnus viridis</i> subsp. <i>crispa</i> (Aiton) Turrill	1
<i>Ambrosia monogyra</i> (Torr. & A. Gray) Strother & B. G. Baldwin	1
<i>Ambrosia salsola</i> (Torr. & A. Gray) Strother & B. G. Baldwin.	2
<i>Amelanchier alnifolia</i> subsp. <i>florida</i> (Lindl.) Hultén	1
<i>Amelanchier arborea</i> (F. Michx.) Fernald	2
<i>Amelanchier sanguinea</i> var. <i>alnifolia</i> (Nutt.) P. Landry.	3
<i>Amorpha fruticosa</i> L.	2
<i>Amphilophium crucigerum</i> (L.) L. G. Lohmann	1
<i>Andropogon hallii</i> Hack.	1
<i>Anisoptera thurifera</i> (Blanco) Blume	2
<i>Arbutus menziesii</i> Pursh	1
<i>Archidendron clypearia</i> (Jack) I. C. Nielsen	1
<i>Arctostaphylos glauca</i> Lindl.	1
<i>Arctostaphylos manzanita</i> Parry	1
<i>Arctostaphylos tomentosa</i> (Pursh) Lindl.	1
<i>Arctostaphylos viscida</i> Parry	1
<i>Argemone glauca</i> (Nutt. ex Prain) Pope	1
<i>Artemisia abrotanum</i> L.	1
<i>Artemisia absinthium</i> L.	2
<i>Artemisia alba</i> Turra	1
<i>Artemisia campestris</i> L.	2
<i>Artemisia campestris</i> subsp. <i>glutinosa</i> (Besser) Batt.	2
<i>Artemisia campestris</i> subsp. <i>variabilis</i> (Ten.) Greuter	1
<i>Artemisia dracunculus</i> var. <i>glauca</i> (Pall. ex Willd.) H. M. Hall & Clem.	1
<i>Artemisia frigida</i> Willd.	1
<i>Artemisia gmelinii</i> Weber ex Stechm.	3
<i>Artemisia herba-alba</i> Asso	1
<i>Artemisia incana</i> (L.) Druce	1
<i>Artemisia maritima</i> L.	1
<i>Artemisia marschalliana</i> Spreng.	1
<i>Artemisia molinieri</i> "Quézel, M. Barbero & R. J. Loisel"	1
<i>Artemisia rutifolia</i> Stephan ex Spreng.	1
<i>Artemisia santonicum</i> L..	1
<i>Artemisia vulgaris</i> L.	2
<i>Astragalus ammodendron</i> Bunge	1
<i>Astragalus paucijugus</i> Schrenk	1
<i>Astronium graveolens</i> Jacq.	1
<i>Atriplex confertifolia</i> (Torr. & Frém.) S. Watson	2
<i>Atriplex halimus</i> L.	2
<i>Baccharis salicina</i> Torr. & A. Gray	1
<i>Baccharis sarothroides</i> A. Gray	2

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Baccharis sergiloides</i> A. Gray	3
<i>Bassia prostrata</i> (L.) Beck	1
<i>Bauhinia abyssinica</i> A. Rich.	1
<i>Bauhinia vahlii</i> Wight & Arn.	1
<i>Bernardia myricifolia</i> (Scheele) S. Watson	1
<i>Betula alleghaniensis</i> Britton	1
<i>Betula costata</i> Trautv.	1
<i>Betula humilis</i> Schrank	1
<i>Betula lenta</i> L.	3
<i>Betula nana</i> L.	3
<i>Betula nigra</i> L.	2
<i>Betula occidentalis</i> Hook.	1
<i>Betula papyrifera</i> Marshall	1
<i>Betula pendula</i> Roth.	6
<i>Betula platyphylla</i> Sukaczew	1
<i>Betula populifolia</i> Marshall	1
<i>Betula pubescens</i> Ehrh.	1
<i>Betula pubescens</i> var. <i>glabrata</i> Wahlenb.	2
<i>Betula pubescens</i> var. <i>pubescens</i> Ehrh.	4
<i>Betula pubescens</i> var. <i>pumila</i> (L.) Govaerts	2
<i>Betula tianschanica</i> Rupr.	1
<i>Bigelowia nudata</i> var. <i>nudata</i> (Michx.)	1
<i>Boerhavia erecta</i> L.	2
<i>Bossekia odorata</i> (L.) Greene	1
<i>Bouvardia ternifolia</i> (Cav.) Schldt.	1
<i>Brickellia californica</i> (Torr. & A. Gray) A. Gray	1
<i>Buchanania vitiensis</i> Engl.	1
<i>Buddleia cordata</i> Kunth	1
<i>Byttneria aculeata</i> (Jacq.) Jacq.	1
<i>Caesalpinia eriostachys</i> Benth.	1
<i>Caesalpinia exostemma</i> subsp. <i>exostemma</i> DC.	1
<i>Caesalpinia sclerocarpa</i> Standl.	1
<i>Calicotome spinosa</i> (L.) Link	1
<i>Calliandra californica</i> Benth.	1
<i>Calliandra humilis</i> Benth.	2
<i>Callirhoe involucrata</i> (Torr. & A. Gray) A. Gray	1
<i>Caragana arborescens</i> Lam.	2
<i>Caragana frutex</i> (L.) K. Koch	1
<i>Caragana leucophloea</i> Pojark.	2
<i>Caragana microphylla</i> Lam.	1
<i>Caragana pygmaea</i> (L.) DC.	1
<i>Caragana spinosa</i> (L.) DC.	1
<i>Carpinus betulus</i> L.	6
<i>Carpinus caroliniana</i> Walter	4
<i>Carpinus cordata</i> Blume	1
<i>Carpinus laxiflora</i> (Siebold & Zucc.) Blume	1
<i>Carpinus orientalis</i> Mill.	1

(continued)

**Table 6** (continued)

Host plant	Number of <i>Agrilus</i>
<i>Carpinus tschonoskii</i> Maxim.	1
<i>Carya alba</i> (L.) Nutt. ex Elliott	6
<i>Carya cordiformis</i> (Wangenh.) K. Koch	3
<i>Carya illinoensis</i> (Wangenh.) K. Koch	3
<i>Carya laciniosa</i> (F. Michx.) G. Don	1
<i>Carya ovata</i> (Mill.) K. Koch	2
<i>Carya pecan</i> (Marshall) Nutt.	1
<i>Casearia sylvestris</i> Sw.	1
<i>Castanea crenata</i> Siebold & Zucc.	1
<i>Castanea dentata</i> (Marshall) Borkh.	2
<i>Castanea sativa</i> Mill.	7
<i>Castanopsis acuminatissima</i> (Blume) A. DC.	5
<i>Castanopsis sieboldii</i> var. <i>lutchuensis</i> (Koidz.) T. Yamaz. & Mashiba	3
<i>Castela emoryi</i> (A. Gray) Moran & Felger	1
<i>Castilla elastica</i> Cerv.	1
<i>Casuarina cunninghamiana</i> Miq.	1
<i>Celtis australis</i> L.	2
<i>Celtis boninensis</i> Koidz.	5
<i>Celtis ehrenbergiana</i> (Klotzsch) Liebm.	8
<i>Celtis iguanaea</i> (Jacq.) Sarg.	1
<i>Celtis jessoensis</i> Koidz.	2
<i>Celtis laevigata</i> var. <i>reticulata</i> (Torr.) Benson	5
<i>Celtis laevigata</i> var. <i>texana</i> (Scheele) Sarg.	2
<i>Celtis laevigata</i> Willd.	8
<i>Celtis occidentalis</i> L.	11
<i>Celtis sinensis</i> Pers.	3
<i>Celtis tenuifolia</i> Nutt.	5
<i>Celtis zenkeri</i> Engl.	7
<i>Cerasus avium</i> (L.) Moench	1
<i>Cerasus mahaleb</i> (L.) Mill.	1
<i>Cerasus vulgaris</i> Mill.	1
<i>Cercidium floridum</i> subsp. <i>floridum</i> A. Gray	1
<i>Cercidium microphyllum</i> (Torr.) Rose & I. M. Johnst.	4
<i>Cercis canadensis</i> L.	3
<i>Chloroxylon swietenia</i> DC.	1
<i>Chrysothamnus nauseosus</i> (Pall. ex Pursh) Britton	3
<i>Chrysothamnus parryi</i> (A. Gray) Greene	1
<i>Chrysothamnus viscidiflorus</i> (Hook.) Nutt.	1
<i>Cistus</i> × <i>incanus</i> L.	1
<i>Cistus albidus</i> L.	1
<i>Cistus crispus</i> L.	1
<i>Cistus monspeliensis</i> L.	1
<i>Cistus salviifolius</i> L.	1
<i>Citrus aurantiifolia</i> (Christm.) Swingle	1
<i>Citrus aurantium</i> L.	1
<i>Citrus maxima</i> (Burm.) Osbeck	2
<i>Citrus microcarpa</i> Bunge	3

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Citrus sinensis</i> (L.) Osbeck	1
<i>Cladrastis kentukea</i> (Dum. Cours.) Rudd	1
<i>Claoxylon australe</i> Baill. ex Müll. Arg.	1
<i>Clematis tashiroi</i> Maxim.	1
<i>Climacoptera turcomanica</i> (Litv.) Botsch.	1
<i>Coffea arabica</i> L.	1
<i>Colubrina arborescens</i> (Mill.) Sarg.	1
<i>Colutea buhsei</i> (Boiss.) Shap.	1
<i>Colutea gracilis</i> Freyn & Sint.	1
<i>Combretum fruticosum</i> (Loefl.) Stuntz	1
<i>Comptonia peregrina</i> (L.) Coult.	1
<i>Connarus cochinchinensis</i> (Baill.) Pierre	1
<i>Corchorus olitorius</i> L.	2
<i>Cordia curassavica</i> (Jacq.) Roem. & Schult.	1
<i>Cordia millenii</i> Baker	1
<i>Cornus controversa</i> Hemsl.	1
<i>Cornus florida</i> L.	3
<i>Cornus kousa</i> F. Buerger ex Hance	1
<i>Cornus racemosa</i> Lam.	1
<i>Cornus sanguinea</i> L.	1
<i>Cornus sanguinea</i> subsp. <i>australis</i> (C. A. Mey.) Jáv.	1
<i>Corylus americana</i> Walter	7
<i>Corylus avellana</i> L.	7
<i>Corylus cornuta</i> subsp. <i>cornuta</i> Marshall	2
<i>Crataegus azarolus</i> L.	1
<i>Crataegus columbiana</i> Howell	1
<i>Crataegus curvisepala</i> Lindm.	1
<i>Crataegus douglasii</i> Lindl.	3
<i>Crataegus laevigata</i> (Poir.) DC.	1
<i>Crataegus maximowiczii</i> C. K. Schneid.	1
<i>Crataegus monogyna</i> Jacq.	1
<i>Crataegus viridis</i> L.	1
<i>Croton californicus</i> Müll. Arg.	1
<i>Croton capitatus</i> Michx.	1
<i>Croton dioicus</i> Cav.	1
<i>Croton pottsii</i> (Klotzsch) Müll. Arg.	1
<i>Croton wigginsii</i> L. C. Wheeler	1
<i>Cryptocarya ledermannii</i> Teschner	2
<i>Cydonia oblonga</i> Mill.	1
<i>Cytisophyllum sessilifolium</i> (L.) O. Lang	1
<i>Cytisus austriacus</i> L.	1
<i>Cytisus balansae</i> (Boiss.) Ball	1
<i>Cytisus balansae</i> subsp. <i>europaeus</i> (G. Lopez & C. E. Jarvis) Munoz Ga	1
<i>Cytisus scoparius</i> (L.) Link	3
<i>Cytisus triflorus</i> Lam.	2
<i>Dalbergia sissoo</i> DC.	2
<i>Daphne gnidium</i> L.	1

(continued)



**Table 6** (continued)

Host plant	Number of <i>Agrilus</i>
<i>Daphne laureola</i> L.	1
<i>Daphne mezereum</i> L.	1
<i>Dendropanax arboreus</i> (L.) Decne. & Planch.	1
<i>Derris robusta</i> (DC.) Benth.	1
<i>Desmodium batocaulon</i> A. Gray	2
<i>Dichrostachys cinerea</i> (L.) Wight & Arn.	1
<i>Diospyros californica</i> (Brandege) I. M. Johnst.	1
<i>Diospyros kaki</i> Thunb.	1
<i>Diospyros lotus</i> L.	1
<i>Diospyros morrisiana</i> Hance	2
<i>Diospyros texana</i> Scheele	3
<i>Diospyros virginiana</i> L.	7
<i>Ditaxis brandegeei</i> (Millsp.) Rose & Standl.	1
<i>Dorycnium hirsutum</i> (L.) Ser.	1
<i>Drypetes deplanchei</i> (Brongn. & Gris) Merr.	2
<i>Ebenopsis confinis</i> (Standl.) Barneby & J. W. Grimes	1
<i>Ebenopsis ebano</i> (Berland.) Barneby & J. W. Grimes	4
<i>Encelia virginensis</i> var. <i>actonii</i> (Elmer) B. L. Turner	1
<i>Erica arborea</i> L.	1
<i>Erica scoparia</i> L.	1
<i>Ericameria nauseosa</i> (Pall. ex Pursh) G. L. Nesom & G. I. Baird	1
<i>Eriogonum elongatum</i> Benth.	1
<i>Eriogonum fasciculatum</i> Benth.	2
<i>Eriogonum umbellatum</i> var. <i>dichrocephalum</i> Gand.	1
<i>Erythrina rubrinervia</i> Kunth	1
<i>Eucalyptus deglupta</i> Blume	2
<i>Eucalyptus fasciculosa</i> F. Muell.	1
<i>Eucalyptus paniculata</i> Sm.	1
<i>Euonymus europaeus</i> L.	3
<i>Euonymus japonicus</i> Thunb.	1
<i>Euonymus oxyphyllus</i> Miq.	1
<i>Eysenhardtia polystachya</i> (Ortega) Sarg.	2
<i>Fagara ailanthoides</i> (Siebold & Zucc.) Engl.	1
<i>Fagara mantchurica</i> (Benn.) Honda	1
<i>Fagus crenata</i> Blume	1
<i>Fagus grandifolia</i> subsp. <i>grandifolia</i> Ehrh.	4
<i>Fagus orientalis</i> Lipsky	1
<i>Fagus sylvatica</i> L.	7
<i>Ficus carica</i> L.	1
<i>Ficus religiosa</i> L.	1
<i>Ficus thunbergii</i> Maxim.	1
<i>Forchhammeria pallida</i> Liebm.	1
<i>Forestiera pubescens</i> Nutt.	1
<i>Forestiera reticulata</i> Torr.	1
<i>Frangula dodonei</i> Ard.	1
<i>Fraxinus americana</i> L.	2
<i>Fraxinus angustifolia</i> subsp. <i>oxycarpa</i> (Willd.) Franco & Rocha Afonso	2

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Fraxinus chinensis</i> Roxb.	1
<i>Fraxinus chinensis</i> subsp. <i>chinensis</i> Roxb.	1
<i>Fraxinus chinensis</i> subsp. <i>rhynchophylla</i> (Hance) A. E. Murray	1
<i>Fraxinus excelsior</i> L.	3
<i>Fraxinus mandshurica</i> Rupr.	2
<i>Fraxinus nigra</i> Marshall	1
<i>Fraxinus ornus</i> L.	1
<i>Fraxinus pennsylvanica</i> Marshall	2
<i>Fraxinus velutina</i> Torr.	1
<i>Fridericia candicans</i> (Rich.) L. G. Lohmann	1
<i>Garcinia oliveri</i> Pierre	1
<i>Genista aetnensis</i> (Biv.) DC.	1
<i>Genista albida</i> Willd.	1
<i>Genista cinerea</i> (Vill.) DC.	2
<i>Genista florida</i> L.	2
<i>Genista hispanica</i> L.	1
<i>Genista scorpius</i> (L.) DC.	2
<i>Genista tinctoria</i> L.	3
<i>Gleditsia triacanthos</i> L.	13
<i>Gouania lupuloides</i> (L.) Urb.	1
<i>Grayia spinosa</i> (Hook.) Moq.	2
<i>Grewia tiliifolia</i> Vahl	2
<i>Gutierrezia californica</i> (DC.) Torr. & A. Gray	1
<i>Gymnocladus dioica</i> (L.) K. Koch	4
<i>Haematoxylum brasiletto</i> H. Karst.	1
<i>Halimodendron halodendron</i> (Pall.) Voss	1
<i>Halostachys belangeriana</i> (Moq.) Botsch.	1
<i>Haloxylon persicum</i> Bunge ex Boiss. & Buhse	1
<i>Hamamelis japonica</i> Siebold & Zucc.	1
<i>Haplopappus acerosus</i> Bertero	1
<i>Havardia pallens</i> (Benth.) Britton & Rose	1
<i>Helianthemum canadense</i> (L.) Michx.	1
<i>Helianthemum halimifolium</i> Pers.	1
<i>Helianthemum italicum</i> Pers.	1
<i>Helianthemum ledifolium</i> (L.) Mill.	1
<i>Helianthemum rosmarinifolium</i> Pursh	2
<i>Helianthemum vulgare</i> Garsault	1
<i>Heritiera actinophylla</i> (F. M. Bailey) Kosterm.	2
<i>Hesperalbizia occidentalis</i> (Brandege) Barneby & J. W. Grime	1
<i>Hibiscus acetosella</i> Welw. ex Hiern	1
<i>Hibiscus arnottianus</i> A. Gray	1
<i>Hibiscus cannabinus</i> L.	1
<i>Hibiscus laevis</i> Scop.	1
<i>Hibiscus lasiocarpus</i> Cav.	1
<i>Hibiscus micranthus</i> L. f.	1
<i>Hibiscus militaris</i> Cav.	1
<i>Hibiscus mutabilis</i> L.	1

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Hibiscus platanifolius</i> (Willd.) Sweet	1
<i>Hibiscus radiatus</i> Cav.	1
<i>Hibiscus rosa-sinensis</i> L.	1
<i>Hibiscus sabdariffa</i> L.	1
<i>Hibiscus telfiriae</i> G. Don ex Maund & Hensl.	1
<i>Hibiscus tiliaceus</i> L.	2
<i>Hypericum perforatum</i> L.	3
<i>Hypericum perforatum</i> subsp. <i>veronense</i> (Schrank) H. Lindb.	1
<i>Hypericum tetrapterum</i> Fr.	1
<i>Indigofera galeoides</i> DC.	1
<i>Inga goldmanii</i> Pittier	3
<i>Inga oerstediana</i> Benth.	11
<i>Isoberlinia tomentosa</i> (Harms) Craib & Stapf	4
<i>Juglans ailanthifolia</i> Carrière	3
<i>Juglans cinerea</i> L.	4
<i>Juglans mandshurica</i> Maxim.	2
<i>Juglans nigra</i> L.	9
<i>Juglans regia</i> L.	1
<i>Julbernardia pellegriniana</i> Troupin	1
<i>Juniperus flaccida</i> Schldtl.	1
<i>Justicia aurea</i> Schldtl.	1
<i>Krascheninnikovia ceratoides</i> (L.) Gueldenst.	3
<i>Laburnum alpinum</i> (Mill.) Bercht. & J. Presl	1
<i>Laburnum anagyroides</i> Medik.	1
<i>Lagerstroemia cochinchinensis</i> Pierre	1
<i>Lagerstroemia parviflora</i> Roxb.	1
<i>Lantana camara</i> L.	1
<i>Larrea divaricata</i> Cav.	1
<i>Lechea Kalm</i> ex L.	1
<i>Lembotropis nigricans</i> (L.) Griseb.	1
<i>Leucaena diversifolia</i> (Schldtl.) Benth.	1
<i>Leucaena esculenta</i> (DC.) Benth.	1
<i>Leucaena pulverulenta</i> (Schldtl.) Benth.	4
<i>Ligustrum vulgare</i> L.	1
<i>Limoniastrum guyonianum</i> Durieu ex Boiss.	1
<i>Lindera praecox</i> (Siebold & Zucc.) Blume	2
<i>Lithocarpus densiflorus</i> (Hook. & Arn.) Rehder	1
<i>Lithocarpus rufovillosus</i> (Markgr.) Rehder	1
<i>Lonicera caerulea</i> L.	1
<i>Lonicera implexa</i> Aiton	1
<i>Lonicera involucrata</i> (Richardson) Banks ex Spreng.	1
<i>Lonicera maackii</i> (Rupr.) Maxim.	1
<i>Lonicera morrowii</i> A. Gray	1
<i>Lonicera nigra</i> L.	2
<i>Lonicera periclymenum</i> L.	1
<i>Lonicera tatarica</i> L.	1
<i>Lonicera xylostium</i> L.	1

(continued)



Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
Loranthus europaeus Jacq.	2
Lotus purshianus (Benth.) F. Clements & E. Clements	1
Luehea seemannii Triana & Planch	1
Machilus thunbergii Siebold & Zucc.	3
Maclura tinctoria (L.) D. Don ex Steud.	1
Malachra capitata (L.) L.	1
Mallotus japonicus (L. f.) Müll. Arg.	4
Mallotus philippensis (Lam.) Müll. Arg.	1
Malpighia glabra L.	1
Malus domestica Borkh.	5
Malus pumila Mill.	2
Malus sylvestris Mill.	2
Malvastrum coccineum (Nutt.) A. Gray	1
Matayba scrobiculata Radlk.	1
Melia azedarach var. japonica (G. Don)	1
Melia azedarach L.	1
Mespilus germanica L.	2
Mimosa aculeaticarpa Ortega	1
Mimosa albida Willd.	1
Mimosa arenosa (Willd.) Poir.	1
Mimosa borealis A. Gray	1
Mimosa dysocarpa A. Gray	2
Mimosa grahamii A. Gray	2
Mimosa mollis Benth.	1
Mimosa xanti A. Gray	2
Morus alba L.	1
Mucuna sloanei Fawc. & Rendle	1
Muhlenbergia longiligula Hitchc.	1
Myrica caroliniensis Mill.	1
Myrica gale L.	1
Myrica pensylvanica Mirb.	1
Nectandra purpurea (Ruiz & Pav.) Mez	1
Nuttallia nuda (Pursh) Greene	1
Olea europaea L.	1
Olneya tesota A. Gray	3
Ostrya carpinifolia Scop.	3
Ostrya virginiana (Mill.) K. Koch	5
Ottleya rigida (Benth.) D. D. Sokoloff	1
Oxydendrum arboreum (L.) DC.	1
Padus grayana (Maxim.) C. K. Schneid.	1
Parkia biglobosa (Jacq.) G. Don	5
Parkinsonia aculeata L.	3
Parkinsonia praecox (Ruiz & Pav.) Hawkins	1
Parthenocissus quinquefolia (L.) Planch.	1
Philadelphus coronarius L.	1
Phoradendron nervosum Oliv.	1
Phoradendron tomentosum (DC.) Engelm. ex A. Gray	1

(continued)

**Table 6** (continued)

Host plant	Number of <i>Agrilus</i>
<i>Phyllocladus hypophyllus</i> Hook. f.	1
<i>Pinus halepensis</i> Mill.	1
<i>Pinus kesiya</i> Royle ex Gordon	2
<i>Pinus maximinoi</i> H. E. Moore	1
<i>Piper reticulatum</i> L.	1
<i>Pistacia atlantica</i> Desf.	2
<i>Pistacia lentiscus</i> L.	1
<i>Pistacia palaestina</i> Boiss.	2
<i>Pistacia terebinthus</i> L.	2
<i>Pistacia vera</i> L.	2
<i>Pithecellobium dulce</i> (Roxb.) Benth.	1
<i>Platanus occidentalis</i> L.	1
<i>Platanus racemosa</i> var. <i>wrightii</i> (S. Watson) L. D. Benson	2
<i>Plathymenia foliolosa</i> Benth.	1
<i>Poliomintha incana</i> (Torr.) A. Gray	1
<i>Pomaria jamesii</i> (Torr. & A. Gray) Walp.	1
<i>Pongamia pinnata</i> (L.) Pierre	1
<i>Populus alba</i> L.	5
<i>Populus alba</i> var. <i>pyramidalis</i> Bunge	2
<i>Populus balsamifera</i> L.	4
<i>Populus canadensis</i> Moench	3
<i>Populus deltoides</i> subsp. <i>deltoides</i> W. Bartram ex Marshall	3
<i>Populus euphratica</i> Olivier	2
<i>Populus fremontii</i> S. Watson	1
<i>Populus laurifolia</i> Ledeb.	1
<i>Populus nigra</i> L.	7
<i>Populus nigra</i> var. <i>italica</i> Koehne	6
<i>Populus nivea</i> Willd.	1
<i>Populus pruinosa</i> Schrenk	1
<i>Populus sieboldii</i> Miq.	1
<i>Populus suaveolens</i> Fisch.	1
<i>Populus tremula</i> L.	7
<i>Populus tremula</i> subsp. <i>grandidentata</i> (Michx.) Á. Löve & D. Löve	3
<i>Populus tremuloides</i> Michx.	3
<i>Populus trichocarpa</i> Torr. & A. Gray	4
<i>Prosopis chilensis</i> (Molina) Stuntz	1
<i>Prosopis glandulosa</i> Torr.	9
<i>Prosopis glandulosa</i> var. <i>torreyana</i> (L. D. Benson) M. C. Johnst.	8
<i>Prosopis juliflora</i> (Sw.) DC.	9
<i>Prosopis laevigata</i> (Willd.) M. C. Johnst.	2
<i>Prunus amygdalus</i> Batsch	4
<i>Prunus armeniaca</i> L.	2
<i>Prunus avium</i> (L.) L.	1
<i>Prunus cerasifera</i> Ehrh.	1
<i>Prunus cocomilia</i> Ten.	1
<i>Prunus divaricata</i> Ledeb.	1
<i>Prunus domestica</i> L.	2

(continued)

**Table 6** (continued)

Host plant	Number of <i>Agrilus</i>
<i>Prunus insititia</i> L.	2
<i>Prunus persica</i> (L.) Batsch	1
<i>Prunus persica</i> (L.) Stokes	2
<i>Prunus spinosa</i> L.	2
<i>Prunus yedoensis</i> Matsum.	1
<i>Psorothamnus emoryi</i> (A. Gray) Rydb.	1
<i>Ptelea trifoliata</i> L.	1
<i>Pterocarpus indicus</i> Willd.	1
<i>Pterocarpus macrocarpus</i> Kurz	4
<i>Pterocarya rhoifolia</i> Siebold & Zucc.	1
<i>Pueraria montana</i> var. <i>lobata</i> (Willd.) Sanjappa & Pradeep	2
<i>Pueraria tuberosa</i> (Willd.) DC.	1
<i>Pycnobotrya nitida</i> Benth.	1
<i>Pyrus amygdaliformis</i> Vill.	2
<i>Pyrus canadensis</i> (L.) Farw.	2
<i>Pyrus communis</i> L.	3
<i>Pyrus elaeagnifolia</i> Pall.	2
<i>Pyrus malus</i> L.	2
<i>Pyrus pyrastrer</i> (L.) Du Roi	1
<i>Quercus acuta</i> Thunb.	1
<i>Quercus acutissima</i> Carruth.	9
<i>Quercus agrifolia</i> Née	5
<i>Quercus alba</i> L.	8
<i>Quercus aliena</i> Blume	4
<i>Quercus alnifolia</i> Poech	1
<i>Quercus arizonica</i> Sarg.	7
<i>Quercus bicolor</i> Willd.	1
<i>Quercus canariensis</i> Willd.	2
<i>Quercus castaneifolia</i> C. A. Mey.	2
<i>Quercus cerris</i> L.	7
<i>Quercus chrysolepis</i> Liebm.	3
<i>Quercus coccifera</i> L.	5
<i>Quercus coccinea</i> Münchh.	3
<i>Quercus conzattii</i> Trel.	2
<i>Quercus dalechampii</i> Ten.	5
<i>Quercus densiflora</i> Hook. & Arn.	1
<i>Quercus dentata</i> Thunb.	2
<i>Quercus durata</i> Jeps.	1
<i>Quercus emoryi</i> Torr.	5
<i>Quercus engelmannii</i> Greene	2
<i>Quercus faginea</i> Lam.	3
<i>Quercus falcata</i> Michx.	2
<i>Quercus floribunda</i> Lindl. ex A. Camus	1
<i>Quercus frainetto</i> Ten.	5
<i>Quercus gambelii</i> Nutt.	5
<i>Quercus grisea</i> Liebm.	2
<i>Quercus havardii</i> Rydb.	1

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Quercus hypoleucoides</i> A. Camus	9
<i>Quercus ilex</i> L.	9
<i>Quercus ilicifolia</i> Wangerh.	2
<i>Quercus imbricaria</i> Michx.	2
<i>Quercus infectoria</i> subsp. <i>veneris</i> (A. Kern.) Meikle	2
<i>Quercus ithaburensis</i> Decne.	1
<i>Quercus ithaburensis</i> subsp. <i>macrolepis</i> (Kotschy) Hedge & Yalt.	1
<i>Quercus kelloggii</i> Newb.	5
<i>Quercus laevis</i> Walter	1
<i>Quercus laurifolia</i> Michx.	2
<i>Quercus lyrata</i> Walter	2
<i>Quercus macranthera</i> Fisch. & C. A. Mey. ex Hohen.	1
<i>Quercus macrocarpa</i> Michx.	6
<i>Quercus marilandica</i> (L.) Münchh.	4
<i>Quercus michauxii</i> Nutt.	1
<i>Quercus mongolica</i> Fisch. ex Ledeb.	4
<i>Quercus mongolica</i> subsp. <i>crispula</i> (Blume) Menitsky	3
<i>Quercus muehlenbergii</i> Engelm.	2
<i>Quercus myrsinifolia</i> Blume	1
<i>Quercus nigra</i> L.	2
<i>Quercus palustris</i> Münchh.	1
<i>Quercus peduncularis</i> Née	2
<i>Quercus petraea</i> (Matt.) Liebl.	7
<i>Quercus phellos</i> L.	3
<i>Quercus prinoides</i> Willd.	1
<i>Quercus pubescens</i> Willd.	12
<i>Quercus pyrenaica</i> Willd.	3
<i>Quercus robur</i> L.	10
<i>Quercus rotundifolia</i> Lam.	1
<i>Quercus rubra</i> L.	11
<i>Quercus serrata</i> Murray	7
<i>Quercus shumardii</i> Buckley	2
<i>Quercus stellata</i> Wangerh.	6
<i>Quercus suber</i> L.	6
<i>Quercus variabilis</i> Blume	2
<i>Quercus velutina</i> Lam	6
<i>Quercus wislizeni</i> A. DC.	1
<i>Retama dasycarpa</i> Coss.	1
<i>Retama sphaerocarpa</i> (L.) Boiss.	2
<i>Rhamnus alaternus</i> L.	2
<i>Rhamnus cathartica</i> L.	2
<i>Rhamnus japonica</i> Maxim.	1
<i>Rhaphiolepis umbellata</i> (Thunb.) Makino	1
<i>Rhus aromatica</i> Aiton	1
<i>Rhus glabra</i> L.	2
<i>Rhus virens</i> Lindh. ex A. Gray	1
<i>Ribes alpinum</i> L.	1

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Ribes aureum</i> Pursh	1
<i>Ribes nigrum</i> L.	1
<i>Ribes rubrum</i> L.	1
<i>Ribes uva-crispa</i> L.	1
<i>Robinia neomexicana</i> A. Gray	2
<i>Robinia pseudoacacia</i> L.	3
<i>Rosa acicularis</i> Lindl.	1
<i>Rosa agrestis</i> Savi	1
<i>Rosa alpina</i> L.	1
<i>Rosa arkansana</i> Porter	1
<i>Rosa blanda</i> Aiton	1
<i>Rosa canina</i> L.	2
<i>Rosa carolina</i> L.	1
<i>Rosa damascena</i> Mill.	2
<i>Rosa hugonis</i> Hemsl.	2
<i>Rosa jundzillii</i> Besser	1
<i>Rosa laxa</i> Retz.	1
<i>Rosa multiflora</i> Thunb.	1
<i>Rosa nitida</i> Willd.	1
<i>Rosa rubiginosa</i> L.	1
<i>Rosa rubrifolia</i> Villars	1
<i>Rosa rugosa</i> Thunb.	3
<i>Rosa silverhjelmsii</i> Schrenk	1
<i>Rosa spaldingii</i> var. <i>hispida</i> (Fernald) G. N. Jones	1
<i>Rosa spinosissima</i> L.	1
<i>Rosa woodsii</i> Lindl.	1
<i>Rosa woodsii</i> subsp. <i>ultramontana</i> (S. Watson) Roy L. Taylor & MacBryde	1
<i>Rubus caesius</i> L.	3
<i>Rubus canadensis</i> L.	1
<i>Rubus corchorifolius</i> L. f.	1
<i>Rubus fruticosus</i> L.	4
<i>Rubus idaeus</i> L.	2
<i>Salix alba</i> L.	6
<i>Salix amygdalina</i> L.	1
<i>Salix angustifolia</i> Willd	1
<i>Salix auriculata</i> Mill.	1
<i>Salix aurita</i> L.	5
<i>Salix aurita</i> subsp. <i>uliginosa</i> (Willd.) H. Passarge	1
<i>Salix babylonica</i> L.	2
<i>Salix bebbiana</i> Sarg.	1
<i>Salix caprea</i> L.	9
<i>Salix cinerea</i> L.	8
<i>Salix elaeagnos</i> Scop.	5
<i>Salix exigua</i> var. <i>pedicellata</i> (Andersson) Cronquist	1
<i>Salix fragilis</i> L.	3
<i>Salix glauca</i> var. <i>acutifolia</i> (Hook.) C. K. Schneid.	2
<i>Salix gooddingii</i> C. R. Ball	2

(continued)



**Table 6** (continued)

Host plant	Number of <i>Agrilus</i>
<i>Salix interior</i> Rowlee	1
<i>Salix lanata</i> L.	1
<i>Salix lasiolepis</i> Benth.	3
<i>Salix lucida</i> var. <i>lasiandra</i> (Benth.) Cronquist	4
<i>Salix monticola</i> Bebb	1
<i>Salix myrsinifolia</i> Salisb.	1
<i>Salix nigra</i> Marshall	3
<i>Salix purpurea</i> L.	7
<i>Salix repens</i> L.	1
<i>Salix rosmarinifolia</i> L.	1
<i>Salix sachalinensis</i> F. Schmidt	1
<i>Salix schwerinii</i> E. L. Wolf	2
<i>Salix scouleriana</i> Barratt ex Hook.	1
<i>Salix sitchensis</i> Sanson ex Bong.	1
<i>Salix triandra</i> L.	2
<i>Salix viminalis</i> L.	5
<i>Salsola arbuscula</i> Pall.	1
<i>Salsola damascena</i> Botsch.	1
<i>Salsola laricina</i> Pall.	1
<i>Salsola orientalis</i> S. G. Gmel.	1
<i>Salsola paletzkiana</i> Litv.	1
<i>Salsola pausenii</i> Litv.	1
<i>Salsola richteri</i> (Moq.) Karel ex Litv.	2
<i>Salsola vermiculata</i> L.	1
<i>Salvia ballotiflora</i> Benth.	1
<i>Sambucus javanica</i> Reinw. ex Blume	1
<i>Sapindus drummondii</i> Hook. & Arn.	9
<i>Sassafras albidum</i> (Nutt.) Nees	2
<i>Schmaltzia choriophylla</i> (Wooton & Standl.) F. A. Barkley	2
<i>Schoutenia ovata</i> Korth.	1
<i>Senna armata</i> (S. Watson) H. S. Irwin & Barneby	2
<i>Senna bicapsularis</i> (L.) Roxb.	1
<i>Senna chrysoarpa</i> (Desv.) H. S. Irwin & Barneby	1
<i>Senna lindheimeriana</i> (Scheele) H. S. Irwin & Barneby	1
<i>Senna obtusifolia</i> (L.) H. S. Irwin & Barneby	1
<i>Senna polyantha</i> (Collad.) H. S. Irwin & Barneby	1
<i>Senna quinqueangulata</i> (Rich.) H. S. Irwin & Barneby	1
<i>Senna roemeriana</i> (Scheele) H. S. Irwin & Barneby	1
<i>Senna wislizeni</i> (A. Gray) H. S. Irwin & Barneby	1
<i>Serjania mexicana</i> (L.) Willd.	1
<i>Simarouba amara</i> Aubl.	1
<i>Sophora alopecuroides</i> L.	1
<i>Sorbus alnifolia</i> (Siebold & Zucc.) C. Koch	1
<i>Sorbus aria</i> Crantz	3
<i>Sorbus aucuparia</i> L.	2
<i>Sorbus commixta</i> Hedl.	1
<i>Sorbus coronaria</i> (L.) MacMill.	1

(continued)

Table 6 (continued)

Host plant	Number of <i>Agrilus</i>
<i>Sorbus hardwegensis</i> Kovanda	1
<i>Sorbus intermedia</i> (Ehrh.) Pers.	1
<i>Sorbus torminalis</i> (L.) Crantz	2
<i>Spartium junceum</i> L.	2
<i>Sphaeralcea ambigua</i> A. Gray	1
<i>Sphaeralcea angustifolia</i> (Cav.) G. Don	1
<i>Sphaeralcea rusbyi</i> var. <i>eremicola</i> (Jeps.) Kearney	1
<i>Staphylea bumalda</i> DC.	1
<i>Sterculia lanceolata</i> Cav.	1
<i>Sterculia pexa</i> Pierre	1
<i>Stizophyllum riparium</i> (Kunth) Sandwith	2
<i>Suaeda arcuata</i> Bunge	1
<i>Suaeda fruticosa</i> Forssk. ex J. F. Gmel.	1
<i>Suaeda vera</i> Forssk. ex J. F. Gmel.	1
<i>Suaeda vermiculata</i> Forssk. ex J. F. Gmel. .	2
<i>Symphoria racemosa</i> (Michx.) Pursh	1
<i>Symphoricarpos orbiculatus</i> Moench	1
<i>Symplocos argutidens</i> Nakai	1
<i>Symplocos microcalyx</i> Hayata	1
<i>Symplocos sumuntia</i> Buch.-Ham. ex D. Don	1
<i>Syringa vulgaris</i> L.	1
<i>Syrmatium decumbens</i> (Benth.) Greene	1
<i>Syrmatium glabrum</i> Vogel	1
<i>Tamarindus indica</i> L.	1
<i>Tamarix africana</i> Poir.	1
<i>Terminalia brassii</i> Exell	1
<i>Terminalia catappa</i> L.	1
<i>Terminalia complanata</i> K. Schum.	1
<i>Terminalia solomonensis</i> Exell	1
<i>Tetradium glabrifolium</i> (Champ. ex Benth.) T. G. Hartley	1
<i>Teucrium capitatum</i> L.	1
<i>Teucrium polium</i> L.	1
<i>Thamnosma montana</i> Torr. & Frém.	1
<i>Tilia cordata</i> Mill.	2
<i>Tilia platyphyllos</i> Scop.	1
<i>Toxicodendron pubescens</i> Mill.	1
<i>Toxicodendron radicans</i> (L.) Kuntze	1
<i>Toxicodendron trichocarpum</i> (Miq.) Kuntze	1
<i>Trachelospermum asiaticum</i> (Siebold & Zucc.) Nakai	1
<i>Triplochiton scleroxylon</i> K. Schum.	2
<i>Tynanthus croatianus</i> A. H. Gentry	2
<i>Ulmus alata</i> Michx.	1
<i>Ulmus americana</i> L.	1
<i>Ulmus campestris</i> L.	2
<i>Ulmus carpinifolia</i> Gled.	1
<i>Ulmus davidiana</i> var. <i>japonica</i> (Rehder) Nakai	6
<i>Ulmus glabra</i> Huds.	2

(continued)

**Table 6** (continued)

Host plant	Number of <i>Agrilus</i>
<i>Ulmus laevis</i> Pall.	2
<i>Ulmus macrocarpa</i> Hance	1
<i>Ulmus minor</i> Mill.	2
<i>Ulmus pumila</i> L.	2
<i>Ulmus rubra</i> Muhl.	2
<i>Urena lobata</i> L.	1
<i>Vaccinium bracteatum</i> Thunb.	1
<i>Viscum album</i> L.	1
<i>Viscum album</i> subsp. <i>austriacum</i> (Wiesb.) Vollm.	2
<i>Vitis coignetiae</i> Pulliat ex Planch.	1
<i>Vitis vinifera</i> L.	1
<i>Waltheria indica</i> L.	1
<i>Wisteria floribunda</i> (Willd.) DC.	1
<i>Wisteria sinensis</i> (Sims) Sweet	1
<i>Xanthoxylum clavaherculis</i> L.	1
<i>Xylia xylocarpa</i> (Roxb.) Taub.	1
<i>Zanthoxylum bungeanum</i> Maxim.	1
<i>Zanthoxylum clava-herculis</i> L.	1
<i>Zanthoxylum fagara</i> (L.) Sarg.	1
<i>Zelkova serrata</i> (Thunb.) Makino	8
<i>Ziziphus lotus</i> (L.) Lam.	1
<i>Ziziphus mucronata</i> Willd.	1

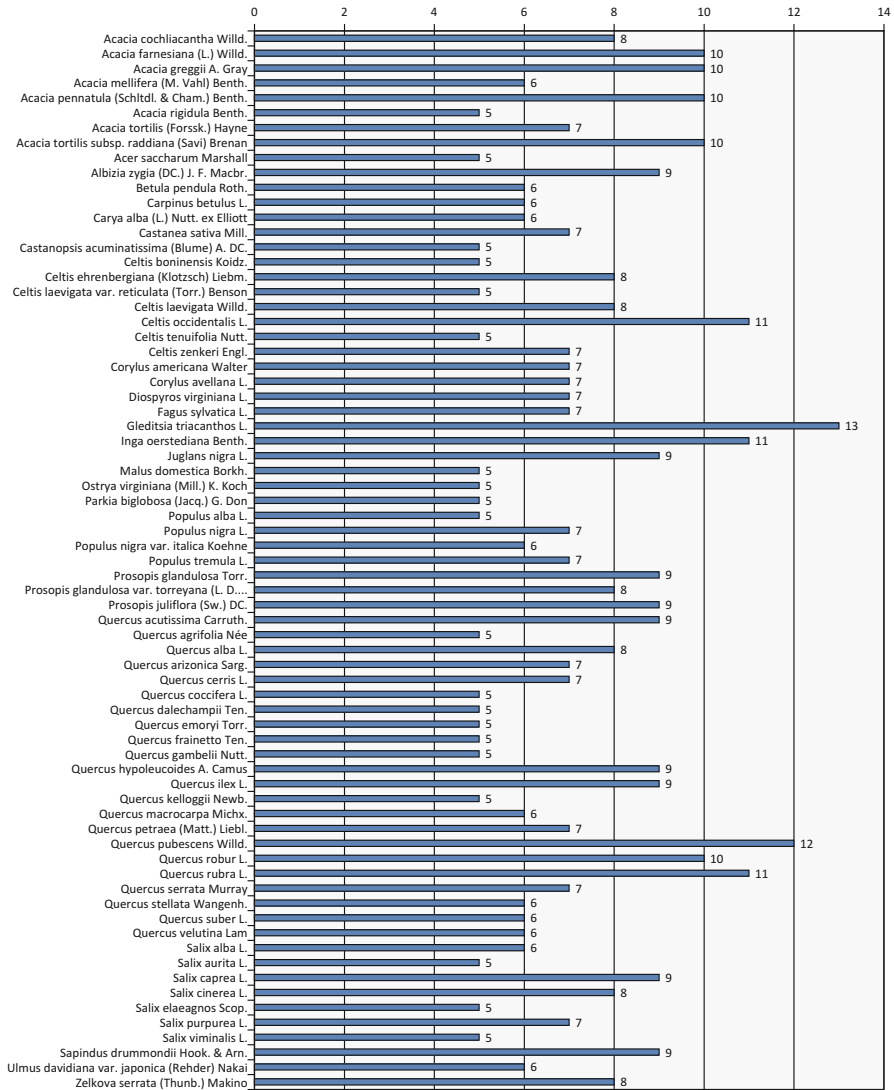
The proportion of family-level host plant preferences is shown in Fig. 15. Eleven most preferred families with more than 24 *Agrilus* taxa represent families with 73 % of all reported host plants.

The number of *Agrilus* in the top 5 most preferred families by biogeographic region is shown in Fig. 16. The most preferred family Leguminosae has *Agrilus* taxa from the widest biogeographic range (five regions).

## Host Plants Records with Confidence Index >1

All analyses above include *Agrilus*-host plant associations with the confidence index >0. However, the confidence level 1 refers to associations where the plant is not verified host plant. This approach allows analyzing the most complete set of recorded associations, but it introduces a higher level of uncertainty. An alternative analysis based on associations with the confidence index >1 would provide more reliable but much smaller dataset.





**Fig. 12** Top preferred host plants of *Agrilus* taxa. Only hosts with more than four *Agrilus* taxa are shown

**Table 7** Proportion of species-level host plant preferences of *Agrilus* taxa

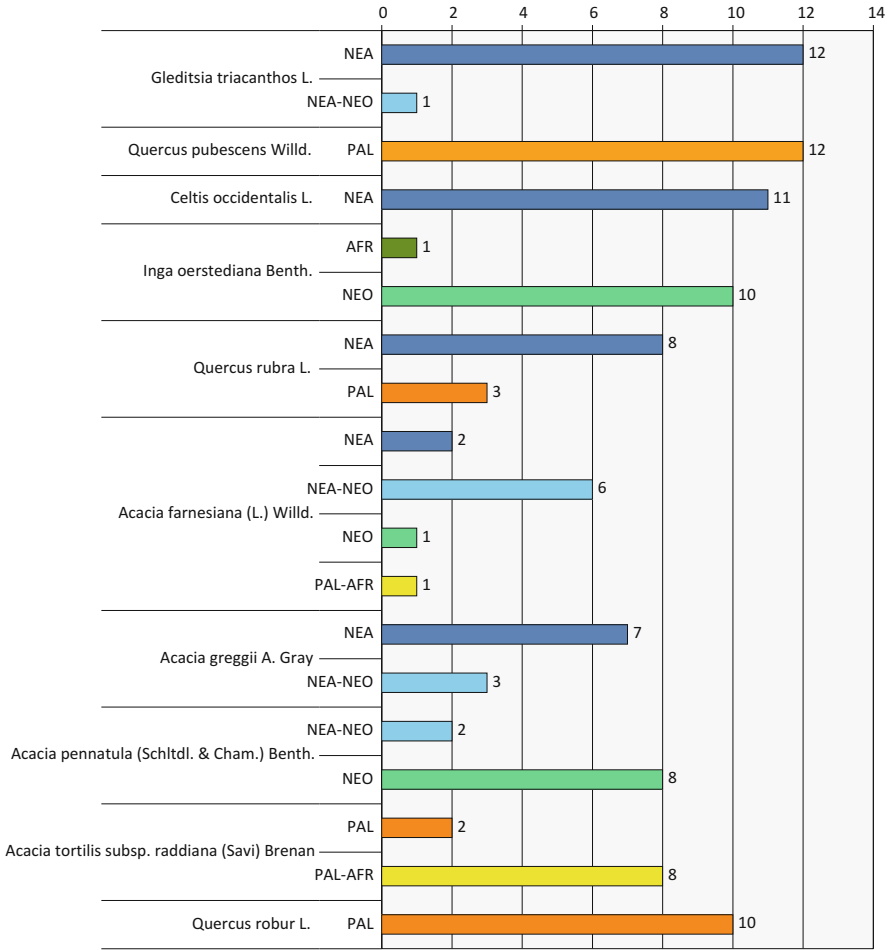
Number of <i>Agrilus</i> taxa	Number of hosts	% of hosts
1	481	62.47
2	146	18.96
3	52	6.75
4	20	2.60
5	20	2.60
6	11	1.43
7	14	1.82
8	7	0.91
9	9	1.17
10	5	0.65
11	3	0.39
12	1	0.13
13	1	0.13

The comparison of records with the various host plant confidence index is given in Fig. 1 of chapter “**Methods**”. Records with the confidence level  $>1$  present only 70 % of all original records, 47 % of *Agrilus* taxa and 65 % of host plants reported in original records.

Fifty *Agrilus* taxa with the widest host plant range are shown in Fig. 17. The host plant range of each *Agrilus* is subdivided by the confidence index and marked by different color. The proportion of hosts with the confidence index 1 is substantial. For instance at *A. viridis*, it refers to 6 plants from overall 49, at *A. roscidus* to 14 from 47 and at *A. obsoletoguttatus* to 7 from 28 reported plants.

## Conclusion

The estimated number of all *Agrilus* living on the planet Earth might be twice as high as the 3,000 currently recognized species from which only 686 have at least a single host plant reported. Furthermore, most of the known host plant associations are from the Palaearctic and Nearctic regions while host associations from the regions with the highest *Agrilus* or plant diversity are poorly known (Fig. 3).



**Fig. 13** Top 10 most preferred host plants of *Agrilus* taxa by biogeographic region

Only 322 (47 %) of 686 *Agrilus* taxa with at least one recorded host plant have host associations with confidence index 2 or 3 (Fig. 1, chapter “Methods”). Most of the remaining 355 *Agrilus* taxa have host associations based on adult host records with a confidence index of 1 which requires further verification.

In the light of these findings, it is clear that we are still in the early phase of discovery and understanding of the *Agrilus* – plant trophic interactions. The gathered information is weakened by a lack of a consistent reporting methodology which distinguishes between original and subsequent records, adult and larval host plants as well as determining criteria for re-verification of both *Agrilus* and host plant identifications by preservation of voucher specimens at least for important records.

**Table 8** Host plant genera with number of reported *Agrilus* taxa

Genus	Number of <i>Agrilus</i>
<i>Abelmoschus</i>	2
<i>Acacia</i>	131
<i>Acer</i>	13
<i>Adenocarpus</i>	3
<i>Adenorachis</i>	1
<i>Aesculus</i>	3
<i>Ajania</i>	2
<i>Albizia</i>	21
<i>Allionia</i>	1
<i>Allocauarina</i>	4
<i>Alnus</i>	15
<i>Ambrosia</i>	2
<i>Amelanchier</i>	4
<i>Amorpha</i>	2
<i>Amphilophium</i>	1
<i>Amsinckia</i>	1
<i>Amygdalus</i>	1
<i>Andropogon</i>	1
<i>Anisoptera</i>	2
<i>Anthemis</i>	1
<i>Arbutus</i>	1
<i>Archidendron</i>	1
<i>Arctostaphylos</i>	1
<i>Argemone</i>	1
<i>Argythamnia</i>	1
<i>Artemisia</i>	11
<i>Astragalus</i>	1
<i>Astronium</i>	1
<i>Atraphaxis</i>	1
<i>Atriplex</i>	4
<i>Baccharis</i>	8
<i>Bassia</i>	1
<i>Bauhinia</i>	2
<i>Bernardia</i>	1
<i>Betula</i>	16
<i>Bigelowia</i>	1
<i>Boerhavia</i>	2
<i>Bossekia</i>	1
<i>Bouvardia</i>	1
<i>Brachystegia</i>	1
<i>Brickellia</i>	1
<i>Buchanania</i>	1
<i>Buddleia</i>	1
<i>Byttneria</i>	1
<i>Caesalpinia</i>	3
<i>Calicotome</i>	1
<i>Calliandra</i>	2
<i>Callirhoe</i>	1

(continued)

Table 8 (continued)

Genus	Number of <i>Agrilus</i>
<i>Calophyllum</i>	1
<i>Caragana</i>	9
<i>Carpinus</i>	17
<i>Carya</i>	16
<i>Casearia</i>	1
<i>Cassia</i>	5
<i>Castanea</i>	12
<i>Castanopsis</i>	12
<i>Castela</i>	1
<i>Castilla</i>	1
<i>Casuarina</i>	2
<i>Celtis</i>	46
<i>Cerasus</i>	2
<i>Cercidium</i>	6
<i>Cercis</i>	3
<i>Chloroxylon</i>	1
<i>Chrysothamnus</i>	7
<i>Cistus</i>	1
<i>Citrus</i>	10
<i>Cladrastis</i>	1
<i>Claoxylon</i>	1
<i>Clematis</i>	1
<i>Climacoptera</i>	1
<i>Coffea</i>	2
<i>Colubrina</i>	1
<i>Colutea</i>	1
<i>Combretum</i>	1
<i>Comptonia</i>	1
<i>Condalia</i>	1
<i>Connarus</i>	1
<i>Corchorus</i>	2
<i>Cordia</i>	2
<i>Cornus</i>	8
<i>Corylus</i>	15
<i>Cotoneaster</i>	2
<i>Crataegus</i>	8
<i>Croton</i>	2
<i>Cryptocarya</i>	2
<i>Cupressus</i>	1
<i>Cydonia</i>	2
<i>Cytisophyllum</i>	1
<i>Cytisus</i>	5
<i>Dalbergia</i>	3
<i>Daphne</i>	1
<i>Dendropanax</i>	1
<i>Derris</i>	1
<i>Desmodium</i>	2
<i>Dichrostachys</i>	1
<i>Diospyros</i>	15
<i>Ditaxis</i>	1

(continued)

**Table 8** (continued)

Genus	Number of <i>Agrilus</i>
<i>Dorycnium</i>	1
<i>Drypetes</i>	2
<i>Ebenopsis</i>	5
<i>Elaeocarpus</i>	1
<i>Encelia</i>	1
<i>Erica</i>	1
<i>Ericameria</i>	1
<i>Erigeron</i>	1
<i>Eriogonum</i>	3
<i>Erythrina</i>	1
<i>Eucalyptus</i>	4
<i>Euonymus</i>	5
<i>Eysenhardtia</i>	3
<i>Fagara</i>	1
<i>Fagus</i>	13
<i>Ficus</i>	4
<i>Forchhammeria</i>	1
<i>Forestiera</i>	2
<i>Frangula</i>	1
<i>Fraxinus</i>	6
<i>Fridericia</i>	1
<i>Garcinia</i>	1
<i>Genista</i>	10
<i>Gleditsia</i>	13
<i>Gouania</i>	2
<i>Grayia</i>	2
<i>Grewia</i>	2
<i>Grossularia</i>	1
<i>Gutierrezia</i>	3
<i>Gymnocladus</i>	4
<i>Haematoxylum</i>	1
<i>Halimium</i>	1
<i>Halimodendron</i>	1
<i>Halostachys</i>	1
<i>Haloxylon</i>	1
<i>Hamamelis</i>	1
<i>Haplopappus</i>	1
<i>Havardia</i>	1
<i>Helianthemum</i>	2
<i>Helianthus</i>	1
<i>Heliconia</i>	1
<i>Heritiera</i>	2
<i>Hesperalbizia</i>	1
<i>Heterotheca</i>	1
<i>Hibiscus</i>	6
<i>Hulthermia</i>	1
<i>Hypericum</i>	5
<i>Indigofera</i>	2
<i>Inga</i>	14
<i>Isoberlinia</i>	5

(continued)

Table 8 (continued)

Genus	Number of <i>Agrilus</i>
<i>Juglans</i>	17
<i>Julbernardia</i>	1
<i>Juniperus</i>	1
<i>Justicia</i>	1
<i>Krascheninnikovia</i>	3
<i>Laburnum</i>	1
<i>Lagerstroemia</i>	2
<i>Lantana</i>	2
<i>Larrea</i>	1
<i>Lechea</i>	1
<i>Lembotropis</i>	1
<i>Leptospermum</i>	2
<i>Lepedeza</i>	1
<i>Leucaena</i>	5
<i>Ligustrum</i>	2
<i>Limoniastrum</i>	1
<i>Lindera</i>	2
<i>Lithocarpus</i>	7
<i>Lonchocarpus</i>	2
<i>Lonicera</i>	4
<i>Loranthus</i>	2
<i>Lotus</i>	1
<i>Luehea</i>	1
<i>Lysiloma</i>	1
<i>Machilus</i>	3
<i>Maclura</i>	1
<i>Malachra</i>	1
<i>Mallotus</i>	5
<i>Malpighia</i>	1
<i>Malus</i>	7
<i>Malvastrum</i>	1
<i>Matayba</i>	1
<i>Melia</i>	1
<i>Mespilus</i>	2
<i>Millettia</i>	1
<i>Mimosa</i>	12
<i>Morus</i>	1
<i>Mucuna</i>	1
<i>Muhlenbergia</i>	1
<i>Myrica</i>	2
<i>Nectandra</i>	1
<i>Nitraria</i>	3
<i>Nuttallia</i>	1
<i>Olea</i>	1
<i>Olneya</i>	3
<i>Opuntia</i>	1
<i>Ostrya</i>	12
<i>Ottleya</i>	1
<i>Oxydendrum</i>	1
<i>Padus</i>	1

(continued)

**Table 8** (continued)

Genus	Number of <i>Agrilus</i>
<i>Parkia</i>	5
<i>Parkinsonia</i>	4
<i>Parthenocissus</i>	1
<i>Philadelphus</i>	1
<i>Phoradendron</i>	3
<i>Phyllocladus</i>	1
<i>Pinus</i>	6
<i>Piper</i>	1
<i>Pistacia</i>	4
<i>Pithecellobium</i>	3
<i>Platanus</i>	3
<i>Plathymenia</i>	1
<i>Poliomntha</i>	1
<i>Pomaria</i>	1
<i>Pongamia</i>	1
<i>Populus</i>	22
<i>Prosopis</i>	24
<i>Prunus</i>	9
<i>Psorothamnus</i>	1
<i>Ptelea</i>	1
<i>Pterocarpus</i>	5
<i>Pterocarya</i>	1
<i>Pueraria</i>	3
<i>Pycnobotrya</i>	1
<i>Pyrus</i>	6
<i>Quercus</i>	97
<i>Retama</i>	3
<i>Rhamnus</i>	5
<i>Rhaphiolepis</i>	1
<i>Rhododendron</i>	1
<i>Rhus</i>	5
<i>Ribes</i>	1
<i>Robinia</i>	4
<i>Rosa</i>	7
<i>Rubus</i>	7
<i>Rudbeckia</i>	1
<i>Salix</i>	35
<i>Salsola</i>	4
<i>Salvia</i>	2
<i>Sambucus</i>	1
<i>Sapindus</i>	10
<i>Sarothamnus</i>	2
<i>Sassafras</i>	2
<i>Schmaltzia</i>	2
<i>Schoutenia</i>	1
<i>Senecio</i>	2
<i>Senna</i>	9
<i>Serjania</i>	1
<i>Sideroxylon</i>	1
<i>Simarouba</i>	1

(continued)



Table 8 (continued)

Genus	Number of <i>Agrilus</i>
<i>Solanum</i>	1
<i>Sophora</i>	1
<i>Sorbaria</i>	1
<i>Sorbus</i>	6
<i>Spartium</i>	2
<i>Sphaeralcea</i>	4
<i>Spiraea</i>	1
<i>Staphylea</i>	1
<i>Sterculia</i>	2
<i>Stillingia</i>	1
<i>Stizophyllum</i>	2
<i>Suaeda</i>	5
<i>Symphoria</i>	1
<i>Symphoricarpos</i>	1
<i>Symplocos</i>	3
<i>Syringa</i>	1
<i>Syrmatium</i>	1
<i>Syzygium</i>	1
<i>Tamarindus</i>	2
<i>Tamarix</i>	4
<i>Terminalia</i>	1
<i>Tetradium</i>	1
<i>Teucrium</i>	2
<i>Thamnosma</i>	1
<i>Tilia</i>	5
<i>Toxicodendron</i>	2
<i>Trachelospermum</i>	1
<i>Triplochiton</i>	2
<i>Tynanthus</i>	2
<i>Ulex</i>	2
<i>Ulmus</i>	21
<i>Urena</i>	2
<i>Vaccinium</i>	2
<i>Viburnum</i>	2
<i>Viscum</i>	3
<i>Vitis</i>	4
<i>Waltheria</i>	1
<i>Wisteria</i>	2
<i>Xanthoxylum</i>	1
<i>Xylia</i>	1
<i>Zanthoxylum</i>	3
<i>Zea</i>	1
<i>Zelkova</i>	8
<i>Ziziphus</i>	2

**Table 9** Most preferred *Agrilus* host plant genera by biogeographic region

Genus	Region	Number of <i>Agrilus</i>
<i>Acacia</i>	AFR	48
	NEA	11
	NEA-NEO	13
	NEO	29
	OR	17
	PAL	4
	PAL-AFR	9
	<b>Total</b>	<b>131</b>
<i>Quercus</i>	NEA	42
	NEA-NEO	4
	NEO	1
	OR	1
	PAL	35
	PAL-AFR	1
	PAL-OR	13
	<b>Total</b>	<b>97</b>
<i>Celtis</i>	AFR	8
	NEA	16
	NEA-NEO	4
	NEO	6
	OR	1
	PAL	5
	PAL-OR	6
	<b>Total</b>	<b>46</b>
<i>Salix</i>	NEA	11
	OR	2
	PAL	20
	PAL-OR	2
	<b>Total</b>	<b>35</b>
<i>Prosopis</i>	NEA	12
	NEA-NEO	10
	NEO	2
	<b>Total</b>	<b>24</b>
<i>Populus</i>	NEA	8
	PAL	14
	<b>Total</b>	<b>22</b>
<i>Albizia</i>	AFR	15
	NEA	1
	NEO	1
	OR	3
	PAL-OR	1
	<b>Total</b>	<b>21</b>
<i>Ulmus</i>	NEA	4
	PAL	13
	PAL-OR	4
	<b>Total</b>	<b>21</b>
<i>Carpinus</i>	NEA	4
	PAL	12
	PAL-OR	1
	<b>Total</b>	<b>17</b>
<i>Juglans</i>	NEA	12
	PAL	4
	PAL-OR	1
	<b>Total</b>	<b>17</b>

**Table 10** Proportion of genus-level host plant preferences of *Agrilus* taxa

Number of <i>Agrilus</i> in genus	Number of genera	% of all genera
1	145	49.66
2	54	18.49
3	20	6.85
4	14	4.79
5	14	4.79
6	6	2.05
7	5	1.71
8	4	1.37
9	3	1.03
10	3	1.03
11	1	0.34
12	4	1.37
13	3	1.03
14	1	0.34
15	3	1.03
16	2	0.68
17	2	0.68
21	2	0.68
22	1	0.34
24	1	0.34
35	1	0.34
46	1	0.34
97	1	0.34
131	1	0.34
Total	292	100.00

This review explains the complex problem of reporting, evaluation and analysis of *Agrilus*- host plant associations and introduces some new terms and principles which may promote a higher quality of host plant reporting in future not only for *Agrilus*, but for other insect-plant trophic relations generally.

## Summary

This study is the first contribution reviewing, evaluating and analyzing jewel beetle trophic associations of the genus *Agrilus* on a worldwide scale. It provides the critical analysis for 941 host plant species-group taxa from 308 genera and 84 plant families reported for 686 *Agrilus* species-group taxa in 1,250 host related references. From them, 5,551 host related original records are used for analysis. Each *Agrilus*-host plant association is assigned the confidence index from 0 to 3 based on the reliability of relevant original records. Erroneous or confused host

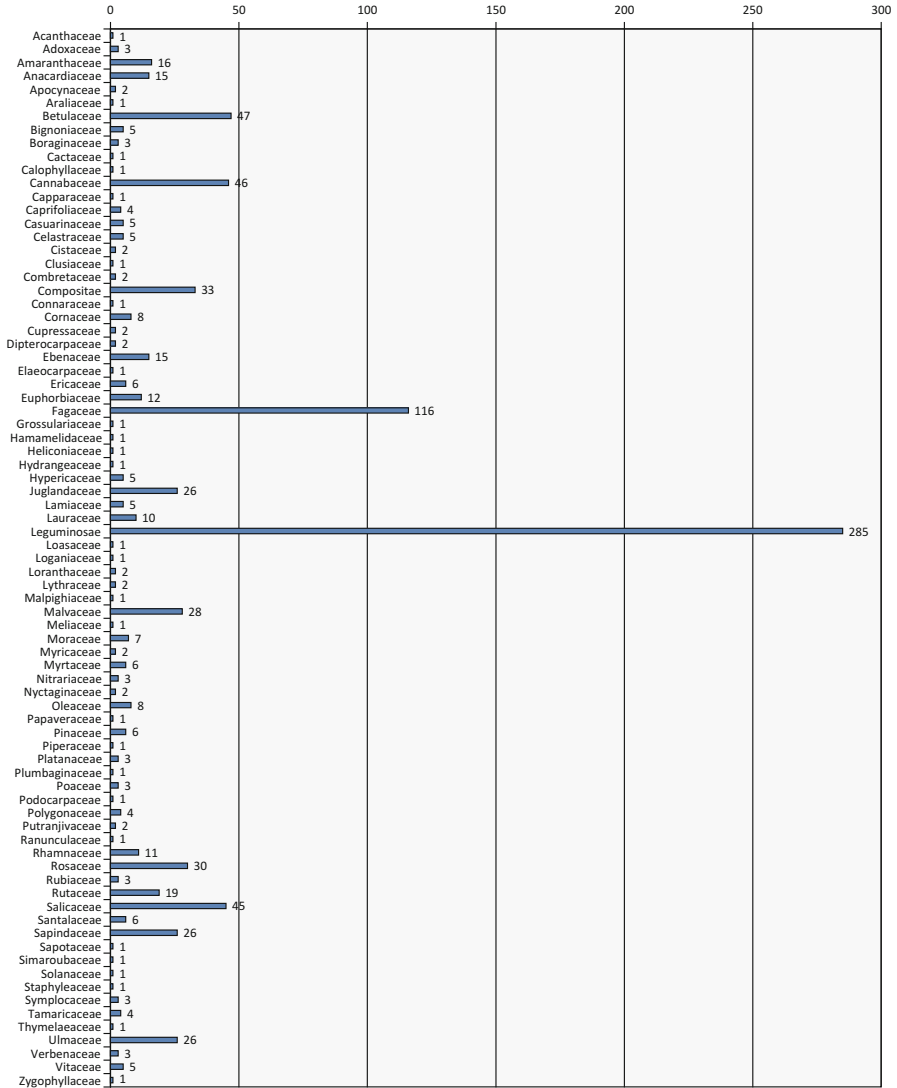


Fig. 14 Family-level host plant preference of *Agrilus* taxa

records result in the lowest confidence index 0, while the larval records imply the highest confidence index 3. Reported data are presented in two separate catalogs. The *Agrilus*-host plant catalog summarizes host plants for worldwide *Agrilus* taxa while the Host plant-*Agrilus* catalog groups *Agrilus* taxa by host plants. The host plants associations with the confidence index  $>0$  are evaluated, analyzed and discussed for both, *Agrilus* taxa and host plants. Analyses are supported with numerous figures and illustrations. All *Agrilus* and host plant names cited in the text are listed in two separate indices.

## Statistical Summary

Worldwide <i>Agrilus</i> taxa (species, subspecies) (February 2014)	3,069
<i>Agrilus</i> taxa with no host plant record	2,383
<i>Agrilus</i> taxa with plant record(s)	686
Afrotropical	89
Nearctic	137
Nearctic-Neotropical	39
Neotropical	93
Oriental (incl. Indo-Malay, Australasian, Oceanic)	92
Palaeartic	187
Palaeartic-Afrotropical	10
Palaeartic-Oriental	39
Host plant (species, subspecies and varieties)	941
Genera	308
Families	84
References	1,250
References with original information	1,084
Host plant association records	5,551
Original plant association records	4,980
Original plant association records with confidence $>0$	4,430
Original plant association records with confidence $>1$	3,484

## Analysis Based on Records with Confidence $>0$

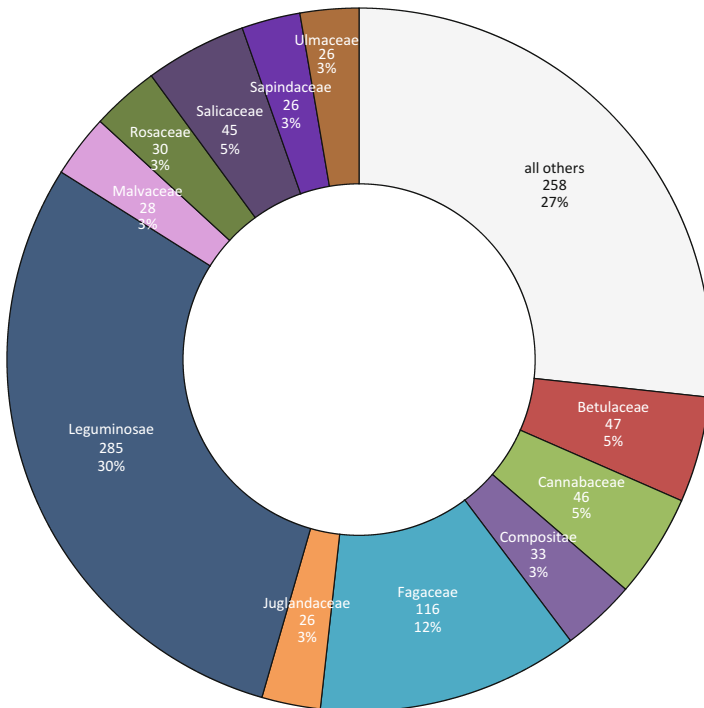
<i>Agrilus</i> species-group taxa	677
Host plants	907
Host plant genera	292
Host plant families	79
Family with most host plant genera (Leguminosae)	71
Family with most plant taxa (Leguminosae)	203
Genus with most host plant taxa ( <i>Quercus</i> )	66

### Relation *Agrilus*-Host Plant

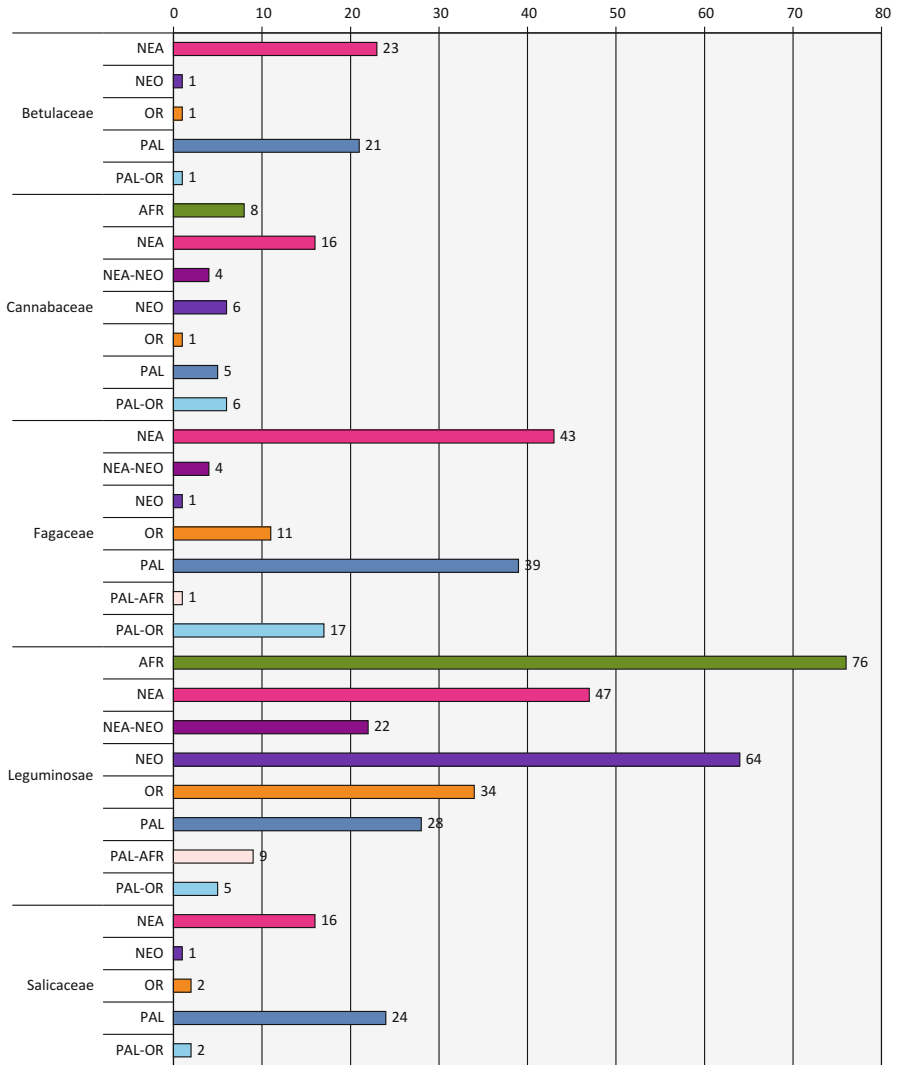
Host plant range of single <i>Agrilus</i> species-group taxon	1–49 host plants
<i>Agrilus</i> species-group taxon with widest range (49 hosts)	<i>Agrilus viridis</i>
Genus-level host plant range of <i>Agrilus</i> species-group taxa	1–23 genera
Taxon with widest genus-level range (23 genera)	<i>Agrilus roscidus</i>
Family-level host plant range of <i>Agrilus</i> species-group taxa	1–10 families
Taxon with widest family-level range (10 families)	<i>Agrilus roscidus</i>

### Relation Host Plant-*Agrilus*

Range of <i>Agrilus</i> for single host plant	1–13 taxa
Most preferred host plant (13 <i>Agrilus</i> taxa)	<i>Gleditsia triacanthos</i>
Most preferred genus-level host plant ( <i>Acacia</i> )	131 taxa
Most preferred family-level host plant (Leguminosae)	285 taxa



**Fig. 15** Proportion of family-level host plant preferences of *Agrilus* taxa. Families with less than 25 *Agrilus* taxa are grouped as “all others”



**Fig. 16** Number of *Agrilus* taxa in top 5 most preferred host plant families by biogeographic region

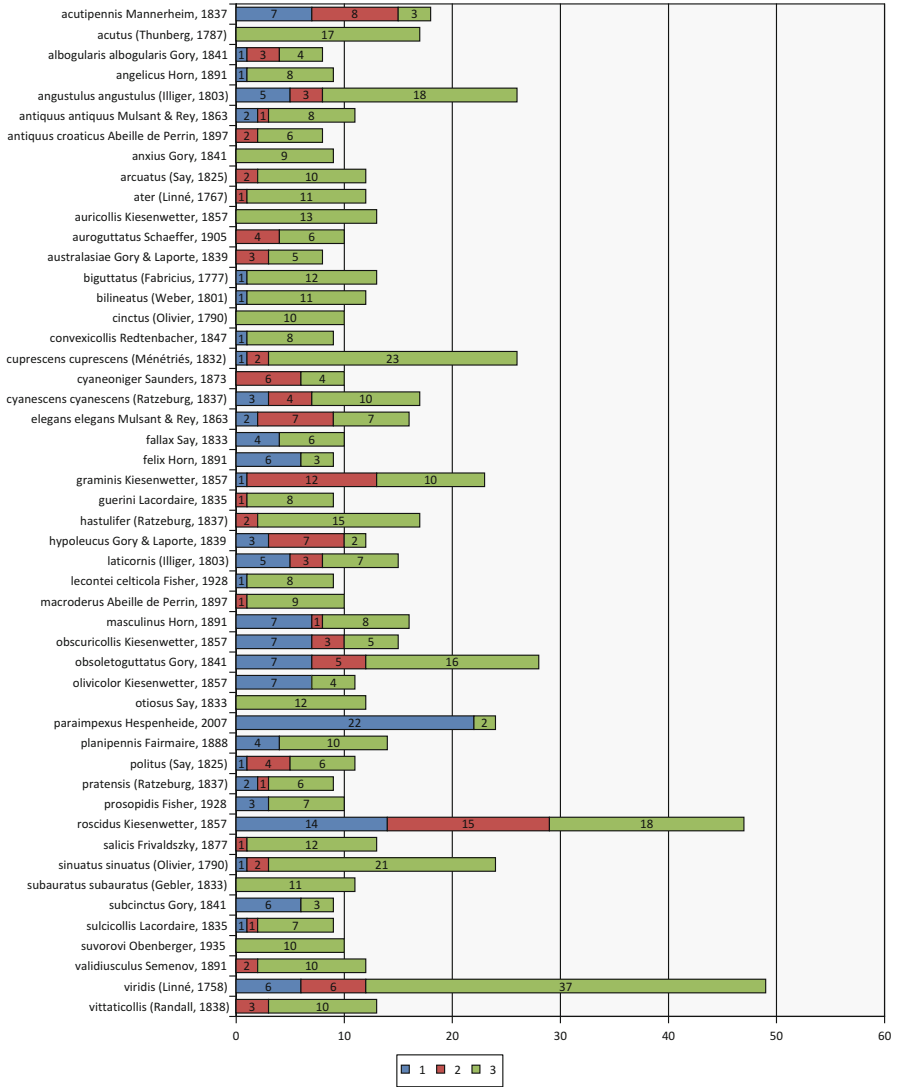


Fig. 17 Host plant range of top 50 *Agrilus* taxa by confidence index (1, 2 and 3)



# References

- Abai M, Adeli E (1984) List of pests of forest trees & shrubs of Iran. Ministry of Agriculture and Rural Development, Agricultural and Natural Resources Research Organisation, Tehran, 147 pp, map. [#5808]
- Abeille de Perrin E (1891) Contribution aux Buprestides paléarctiques (Coleoptera). *Revue d'Entomologie* 10:257–288. [#7]
- Abeille de Perrin E (1893) Nouveau supplément aux Buprestides d'Europe et circa. *Revue d'Entomologie* 12:127–141. [#8]
- Abeille de Perrin E (1897) Notes sur les Buprestides paléarctiques (Suite). *Revue d'Entomologie* 16:1–33. [#19]
- Abeille de Perrin E (1905) Descriptions de trois Buprestides méditerranéens nouveaux (Col.). *Bull Soc Entomol France* 1905:207–208. [#3903]
- Abot G (1928) Catalogue des Coléoptères observés dans le Département de Maine-et-Loire. P. Lechevalier, Paris, XII + 4 + 386 pp. [#8304]
- Acatay A (1970) Schädlinge von *Rosa damascena* Mill. in der Türkei. *Anzeiger für Schädlingskunde, Berlin/Hamburg*, XLIII (4), 49–53. [#9597]
- Adeli E (1972) Beitrag zur Kenntnis der im Forst schädlichen Insekten des Iran. 1. Coleoptera. *Zeitschrift für angewandte Entomologie* 70(1):8–14. [#4871]
- Adeli E, Soleimani P (1976) Insects on oriental beech (*Fagus orientalis* ssp. *macrophylla*) in Iran and their importance for forestry practices and wood utilization. *Zeitschrift für angewandte Entomologie* 80:132–138. [#8300]
- Ahmad S, Faruquzzaman AKM (2000) Field evaluation of kenaf, mesta and related genera for their reaction to spiral borer. *Tropical Agric Trinidad* 77:232–235. [#7044]
- Ahmad S, Haque A, Faruquzzaman AKM, Hussain M, Hossain MA (2001) Field evaluation of kenaf cultivars and their hybrids for their reactions to spiral borer. *Online J Biol Sci* 1(12):1158–1160. [#7043]
- Aibasov CA (1974) Zhuki – vrediteli turangi na yugo-vostoke Kazakhstana. In: *Fauna, sistematika i biologiya nasekomykh Kazakhstana*. Trudy instituta zoologii Kazakhskoi SSR, 35, pp 143–154, (in Russian) [#7212]
- Akers RC, Nielsen DG (1990) Reproductive biology of the bronze birch borer (Coleoptera: Buprestidae) on selected trees. *J Entomol Sci* 25(1):196–203. [#4874]
- Akers RC, Herms DA, Nielsen DG (1986) Emergence and adult biology of *Agrilus difficilis* (Coleoptera: Buprestidae), a pest of honeylocust, *Gleditsia triacanthos*. *Great Lakes Entomol* 19(1):27–30. [#25]

- Akiyama K, Ohmomo S (1997) A check list of the Japanese Buprestidae. Gekkan-Mushi (Supplement 1), 67 pp. [#4091]
- Akşit T, Çakmak I, Özsemerci F (2005) Some new Xylophagous species on fig trees (*Ficus carica* cv. *Calymima* L.) in Aydın, Turkey. Turkish J Zool 29:211–215. [#7096]
- Alexander KNA (1990) *Agrilus sinuatus* (Olivier) (Coleoptera: Buprestidae) widespread in Gloucestershire, and at a Herefordshire locality. Br J Entomol Nat Hist 3(1):31–32. [#4881]
- Alexander KNA (1997) *Agrilus sinuatus* (Olivier) (Buprestidae) widespread in Shropshire. Coleopterist 6(2):56. [#6359]
- Alexander KNA (1999) *Agrilus sinuatus* (Olivier) (Col., Buprestidae) new to Wales. Br J Entomol Nat Hist 12(1):41. [#4883]
- Alexander KNA (2003) Provisional atlas of the Cantharoidea and Buprestoidea (Coleoptera) of Britain and Ireland. Biological Record Centre, Huntingdon. [#6826]
- Alexander KNA, Denton J (2005) *Agrilus sinuatus* (Olivier) (Buprestidae) developing in pear *Pyrus communis* L. in southern England. Coleopterist 14(3):141–142. [#8580]
- Alexeev AV (1957) Zlatki Stalingradskoi oblasti (Coleoptera, Buprestidae). Uchenye zapiski Orekhovo-Zuevskogo pedagogicheskogo instituta 10:115–158, (in Russian) [#3226]
- Alexeev AV (1958a) Ryabinovaya zlatka *Agrilus mendax* Mannh v Orekhovo-Zuevskom raione Moskovskoi oblasti (Coleoptera, Buprestidae). Uchenye zapiski Orekhovo-Zuevskogo pedagogicheskogo instituta 11:193–202, (in Russian) [#3227]
- Alexeev AV (1958b) Zlatki Orekhovo-Zuevskogo raiona Moskovskoi oblasti (Coleoptera, Buprestidae). Uchenye zapiski Orekhovo-Zuevskogo pedagogicheskogo instituta 11:183–191, (in Russian) [#3982]
- Alexeev AV (1959) Opredelitel' zlatok roda *Agrilus* Curtis Evropeiskoi chasti SSSR (Coleoptera, Buprestidae). Sbornik rabot po ekologii i sistematike zhivotnykh, Orekhovo-Zuevskii Pedagogicheskii Institut, Moskva 1:3–25, (in Russian) [#3229]
- Alexeev AV (1961) Opredelitel' zlatok roda *Agrilus* Curtis Evropeiskoi chasti SSSR. II. Opredelitel' lichinok. Sbornik rabot po ekologii i sistematike zhivotnykh. Orekhovo-Zuevskii Pedagogicheskii Institut, Moskva, pp 3–10, (in Russian) [#3243]
- Alexeev AV (1964a) Novye dannye po morfologii i sistematike lichinok uzokotelykh zlatok roda *Agrilus* Curtis Evropeiskoi chasti SSSR. Sbornik rabot po ekologii i sistematike zhivotnykh Orekhovo-Zuevskii Pedagogicheskii Institut, Moskva 3:18–27, (in Russian) [#3847]
- Alexeev AV (1964b) Novye vidy zlatok (Coleoptera, Buprestidae) s territorii SSSR. Sbornik rabot po ekologii i sistematike zhivotnykh Orekhovo-Zuevskii Pedagogicheskii Institut, Moskva 3:5–17, (in Russian) [#3846]
- Alexeev AV (1968) Pereopisanie nekotorykh vidov zlatok (Coleoptera, Buprestidae) fauny SSSR. Entomologicheskoe Obozrenie 47(4):878–884, (in Russian with English summary) [#50]
- Alexeev AV (1969) O pishchevykh formakh uzokoteloj zlatki *Agrilus viridis* (Coleoptera, Buprestidae). Zool Zhurnal 48(1):85–92, (in Russian with English summary) [#51]
- Alexeev AV (1975) K faune zhukov – zlatok (Coleoptera, Buprestidae) Mongolskoi narodnoi respubliki. Nasekomye Mongolii, Leningrad, Nauka, vol 3, pp 132–164, (in Russian with English subtitle) [#52]
- Alexeev AV (1979) Novye, ranee neizvestnye s territorii SSSR i maloizvestnye vidy zhukov – zlatok (Coleoptera, Buprestidae) vostochnoi Sibiri i Dal'nego Vostoka, pp 123–139. In: Krivolutskaya GO (ed) Zhuki Dalnego Vostoka i vostochnoi Sibiri (novye dannye po faune i sistematike). Vladivostok, 157 pp, (in Russian) [#57]
- Alexeev AV (1981a) Dva novykh vida zhukov – zlatok *Agrilus* Curt. (Coleoptera, Buprestidae) iz Primorskogo kraja, pp 3–9. In: Kulikova LS, Arefin VS, Simakova TP (eds) Fauna i ekologiya nasekomykh Primorskogo kraja i Kamchatki. Vladivostok, 149 pp, (in Russian) [#62]
- Alexeev AV (1981b) Dva novykh vida zlatok roda *Agrilus* Curtis (Coleoptera, Buprestidae) s territorii SSSR. Sbornik trudov zoologicheskogo muzeya MGU 19:53–58, (in Russian) [#59]
- Alexeev AV (1981c) Opredelitel' lichinok zlatok roda *Agrilus* Curtis (Coleoptera, Buprestidae) Evropeiskoi chasti SSSR. Sbornik trudov zoologicheskogo muzeya MGU 19:65–84, (in Russian) [#61]

- Alexeev AV (1989) Buprestidae – Zlatki, pp 463–489. In: Ler PA (ed) *Opredelitel' nasekomykh Dal'nego Vostoka SSSR, Tom 3, Zhestkokrylye, ili zhuki, Chast' 1*, Leningrad, Nauka, 572 pp, (in Russian) [#64]
- Alexeev AV (1992) New *Agrilus* taxa, pp 378–382. In: Alexeev AV, Volkovitsh MG, Kabakov ON (eds) *Materialy po faune zhukov – zlatok (Coleoptera, Buprestidae) Afganistana. III. Èntomologicheskoe Obozrenie, 71(2):372–391*. [#9302]
- Alexeev NA (1993) Роль ксилофагов в естественных фисташниках Бадхыза (Туркменистан). *Lesnoi zhurnal* 5:61–72, (in Russian) [#4889]
- Alexeev AV, Bílý S (1980) Novye zlatki roda *Agrilus* Curtis (Coleoptera, Buprestidae) iz Evrazii. *Èntomologicheskoe Obozrenie* 59(3):600–606, (in Russian with English summary) [#44]
- Alexeev AV, Kulinitsh PN (1962) Novyi vid uzkoteloi zlatki povrezhdayushchei fistashku v Tadzhikistane i drugih respublikakh Srednei Azii (Coleoptera, Buprestidae). *Izvestiya otdeleniya biologicheskikh nauk AN Tadzhitskoi SSR, Dushanbe* 2(9):92–95, (in Russian) [#3235]
- Alexeev AV, Slepko NG (1998) Khronicheskie ochagi zelenoi uzkoteloi zlatki v dolinakh rek severnogo Kavkaza. Chronic *Agrilus viridis* loci in river valleys of the north Caucasus. *Lesovedenie* 4:52–57, figs, (in Russian with English summary) [#4887]
- Alexeev AV, Volkovitsh MG (1989) Obzor zhukov – zlatok (Coleoptera, Buprestidae) Mongol'skoi narodnoi respubliki. *Nasekomye Mongolii* Leningrad, Nauka, Vypusk 10:301–368, (in Russian) [#3241]
- Alexeev AV, Zykov IE, Soyunov OS, Pashaev TM (1991) Lichinki zlatok (Coleoptera, Buprestidae), razvivayushchikhsya na *Haloxylon bunge* i *Hammada iljin* v pustynyakh Srednei Azii. *Izvestiya akademii nauk Turkmenskoi SSR Seria biologicheskikh nauk* 4:13–22, (in Russian with English summary) [#69]
- Alfieri A (1976) The Coleoptera of Egypt. *Mémoires de la Société Entomologique d'Égypte* 5:1–361. [#74]
- Allegro G (2004) *Agrilo del pioppo e malanofila (Coleoptera, Buprestidae)*. Istituto di Sperimentazione per la Pioppicoltura 2004:1–2. [#6799]
- Allemand R (2005) *Agrilus viscivorus* Bílý, espèce nouvelle pour la faune de France (Coleoptera, Buprestidae). *L'Entomologiste, Paris* 61:153–157. [#8703]
- Allen AA (1988) Notes on *Agrilus pannonicus* Pill. & Mitt. (Col. Buprestidae) in 1985. *Entomol Record J Variation* 100(1–2):25–28. [#4242]
- Altum B (1879) Zwei Eichheister – Prachtkäfer, Buprestis (*Agrilus*) tenuis und coryli. *Zeitschrift für Forst – und Jagdwesen, Berlin* 11:365–371. [#4893]
- Altum B (1881) *Forstzoologie III. Insecten. I. Abth. Allgemeines und Käfer. Zweite verbesserte und vermehrte Auflage*. Julius Springer, Berlin, 380 pp. [#4896]
- Amman J, Knabl H (1913) *Die Käferfauna des Ötztals (Tirol)*. Coleopterologische Rundschau 2:40–42. [#4898]
- Ancey CF (1870a) *Agrilus sexguttatus* Herbst. *L'Abeille, J d'Entomologie, 2e série* 7:87–88. [#9600]
- Ancey CF (1870b) Descriptions d'espèces nouvelles. Coléoptères nouveaux. *L'Abeille, Mémoires d'Entomologie* 7:84–88. [#3714]
- Anderson RF (1944) The relation between host condition and attacks by the bronzed birch borer. *J Econ Entomol* 37:588–596. [#5399]
- Anderson RF (1966) *Forest and shade tree entomology*. John Wiley & Sons, London, 428 pp. [#4908]
- Andres A (1920) IV. Buprestidae. *Ergebnisse zweier durch Sinaihalbinsel unternommener Studienreisen. Entomologische Blätter* 16(4–9):79–82. [#82]
- Anisimova OA (1973) Smorodinnaya uzkotelaya zlatka – vreditel' chernoi smorodini v amurskoi oblasti, pp 118–124. In: Kulik CA, Dubeshko LN (eds) *Fauna i èkologia nasekomykh Vostochnoi Sibiri i Dal'nego Vostoka*. Irkutsk, 183 pp, (in Russian) [#4032]
- Anonymous (1894) A new pear insect. *Insect Life* 7(3):258–260. [#5658]
- Anonymous (1914) *Instruction book no. 10. The Davey Institute of Tree Surgery, Kent*, 54 pp. [#9750]
- Anonymous (1969) *Insect pest survey for the year ending 30th June, 1967. Papua New Guinea Agric J* 21(2):49. [#6733]

- Anonymous (1971) Insect pest survey for the year ending 30th June, 1968. Papua New Guinea Agric J 22(3):179. [#6732]
- Anonymous (1985) Insects of Eastern forests, Miscellaneous publications no. 1426. United States Department of Agriculture, Washington, DC, pp 1–608. [#3782]
- Appleton D (2004) Scarcer Coleoptera in Hampshire and Isle of Wight 1964–2001. Coleopterist 13(2):41–80. [#8578]
- Arnáiz Ruiz L, Bercedo Páramo P (2001) Plantas huésped de seis especies de Buprestidae de la península Ibérica (Coleoptera). Biocosme Mésogéen, Nice 18(1):11–22. [#5094]
- Arnáiz Ruiz L, Bercedo Páramo P (2002) On the new status of *Agrilus perisi* Cobos, 1986 (Coleoptera: Buprestidae). Zootaxa 84:1–8. [#5727]
- Arnáiz Ruiz L, Bercedo Páramo P (2005) Nuevos datos sobre Buprestidae ibéricos (Coleoptera). Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza 36:293–301. [#7286]
- Arru G (1962) *Agrilus suvorovi* populneus Schaefer dannoso ai Pioppi nell'Italia settentrionale. Bolletino di Zoologia Agraria e Bachicoltura, Bologna, (Ser. II) 4:159–287. [#92]
- Ashmead WH (1894) Descriptions of new parasitic Hymenoptera. Trans Am Entomol Soc 21:318–344. [#7335]
- Atay E, Jansson N, Gürkan T (2012) Saproxyllic beetles on old hollow oaks (*Quercus* spp.) in a small isolated area in southern Turkey. Zool Middle East 57:105–114. [#9655]
- Aubé C (1837) Note sur les premiers états de l'*Agrilus viridis*. Ann Soc Entomol France 6:189–192. [#4034]
- Babadjanides J (1917) Perechen' zlatok', naidennykh v' okr. gor. Elisavetpolya. (Coleoptera, Buprestidae). Liste des Buprestides trouvés dans environs d'Elisavetpol. Izvestiya Kavkazskogo Muzeya 10:321–324, (in Russian with French subtitle) [#3389]
- Bach M (1852) Käferfauna für Nord- und Mitteldeutschland mit besonderer Rücksicht auf die preußischen Rheinlande. Zweiter Band, Lieferung 3, Cobland, Verlag J. Hölscher, 148 pp. [#8076]
- Bach M (1867) Nachträge, Zusätze und Verbesserungen zum 2. Bande der Käferfauna, Cobland, Verlag J. Hölscher, pp 393–523. [#8077]
- Baker WL (1972) Eastern forest insects, Miscellaneous publications, 1175. United States Department of Agriculture, Washington, DC, pp 1–642. [#95]
- Balachowsky AS, Mesnil L, Marchal P (1935) Les insectes nuisibles aux plantes cultivées Leurs moeurs. Leur destruction. Chapitre premier. Établissements Busson, Paris. [#4430]
- Balachowsky AS, Mesnil L, Marchal P (1936) Les insectes nuisibles aux plantes cultivées. Leurs moeurs. Leur destruction. Traité d'Entomologie agricole concernant la France, la Corse, l'Afrique du Nord et les Régions limitrophes. Tome second. Établissements Busson, Paris, XI + pp 1141–1921. [#4431]
- Balachowsky AS, Davatchi A, Descarpentries A (1962) Famille des Buprestidae, pp 235–300. In: Balachowsky AS (ed) Entomologie appliquée à l'Agriculture, Traité. Tome I, Coléoptères, Premier Volume, Caraboidea, Staphylinoidea, Hydrophiloidea, Scarabaeoidea, Dascilloidea, Cantharoidea, Bostrychoidea, Cucujoidea, Phytophaga (Cerambycidae et Bruchidae). Masson et cie éditeurs, Paris, XXVII + 564 pp. [#96]
- Balazuc J (1984) Coléoptères de l'Ardèche. Contribution à l'inventaire d'une faune régionale. Bulletin mensuel de la Société Linnéenne de Lyon, Supplément, 334 pp. [#8012]
- Balch RE, Prebble JS (1940) The bronze birch borer and its relation to the dying of birch in New Brunswick forest. Forest Chronicle 16:179–201. [#5400]
- Ball J, Simmons G (1986) The influence of host condition on post first instar development of the bronze birch borer, *Agrilus anxius* (Coleoptera: Buprestidae). Great Lakes Entomol 19(2):73–76. [#4934]
- Baltazar C, Salazar NP (1979) Philippine insects. An introduction. U. P. Science Education Center, Quezon city, 138 pp. [#5842]
- Baranchikov Y (2010) *Agrilus planipennis* Fairmaire 1888 – Emerald Ash Borer (Coleoptera, Buprestidae), pp 870–871. In: Roques A, Kenis M, Lees D, Lopez-Vaamonde C, Rabitsch W, Rasplus JY, Roy DB (eds) Alien terrestrial arthropods of Europe. Pensoft, Sofia/Moscow, 1028 pp. [#8916]

- Barbalat S, Wermelinger B (1996) Première capture d'*Agrilus guerini* Lac. (Col. Buprestidae) en Suisse. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft* 69:201–202. [#4009]
- Barimani Varandi H, Kalashian MY, Barari H (2009) Contribution to the knowledge of the jewel beetles (Coleoptera: Buprestidae) fauna of Mazandaran province of Iran. *Caucasian Entomol Bull* 5:63–68. [#8793]
- Barovskij VV (1908) Novye i interesnye dlya S.–Peterburgskoi fauny vidy Coleoptera sobrannye za 1906 i 1907 gg. *Revue Russe d'Entomologie* 8:54–60, (in Russian) [#8696]
- Barr WF (1969) The Buprestidae and Cleridae of the Nevada Test Site (Coleoptera). *Great Basin Nat* 29(1):11–19. [#126]
- Barr WF (1971) Family Buprestidae, pp 55–89. In: Hatch MH (ed) *Beetles of the Pacific Northwest, Part V*, 662 pp. [#136]
- Barr WF (2008) Two new species of *Agrilus* Curtis 1825 from Arizona and Texas, with a new synonymy in *Agrilus* (Coleoptera: Buprestidae: Agrilinae). *Zootaxa* 1681:31–36. [#8188]
- Barrett RE (1932) An annotated list of the insects and arachnids affecting the various species of walnuts or members of the genus *Juglans* Linn. University of California, Publications in Entomology 5(15):275–309. [#4940]
- Barsevskis A, Savenkov N (2001) Materials on Latvian Buprestidae (Coleoptera) fauna. *Latvijas Entomologs* 38:4–12. [#6212]
- Barter GW (1957) Studies of the bronze birch borer, *Agrilus anxius* Gory in New Brunswick. *Canadian Entomol* 89(1):12–36. [#138]
- Barter GW (1965) Survival and development of the bronze poplar borer, *Agrilus liragus* Barter & Brown (Coleoptera: Buprestidae). *Canadian Entomol* 97(10):1063–1068. [#139]
- Barter GW, Brown WJ (1949) On the identity of *Agrilus anxius* Gory and some allied species (Coleoptera: Buprestidae). *Canadian Entomol* 81(10):245–249. [#137]
- Baselga A, Novoa F (2000) Citas interesantes de Buprestidae (Coleoptera) del Noroeste de la Península Ibérica. *Boletín de la Asociación Española de Entomologica* 24(1–2):13–17. [#5620]
- Basurmanova OK (1958a) Nekotorye zakonomernosti raspredeleniya *Agrilus basurmanovae* Step. v derkul'skikh polezashchitnykh polosakh. *Soobshcheniya Instituta Iesa AN SSSR* 10:76–82, (in Russian) [#4975]
- Basurmanova OK (1958b) Biologicheskie formy uzkoteloi zlatki (*Agrilus viridis* L.). Biological forms of buprestid beetle *Agrilus viridis* L. *Zool Zhurnal* 37(7):1039–1044, (in Russian with English subtitle and summary) [#4974]
- Batt AM (1999) Survey of borers attacking deciduous fruit trees in Egypt with reference to certain biological and ecological studies. *Egyptian J Agric Res* 77(3):1081–1102. [#7878]
- Baudi di Selve F (1870) *Coleopterorum messis in insula Cypro et Asia minore ab Eugenio Truqui congregatae recensio: de Europaeis notis quibusdam additis. Partia tertia*. *Berliner Entomologische Zeitschrift* 14:49–90. [#141]
- Baudi di Selve F (1889) *Catalogo dei Coleotteri del Piemonte*. *Annali della Accademia d'Agricoltura di Torino* 32:1–226. [#142]
- Baudon A (1965) Contribution a l'étude des Buprestidae du Laos (Coleoptera) (1re partie). *Bull Ann Soc Roy Entomol Belgique* 101(10):193–230. [#158]
- Baudon A (1968) *Catalogue commenté des Buprestidae récoltés au Laos. Deuxième Partie*. Ministère de l'Information, Vientiane, 190 pp. [#162]
- Baudon A (1988) *Agrilus rilliardi* nov. sp. (Coleoptera Buprestidae). *Bull Soc Sci Nat* 58:27–28. [#3979]
- Bauduer P (1878) Étude sur les *Agrilus*, pp 73–83. In: Gobert E (ed) *Catalogue raisonné des Coléoptères des Landes*. *Bull Soc Hist Nat Toulouse* 12:55–73, 84–93. [#165]
- Bauduer P (1883) *Tableau synoptique des Agrilus de France*. *Revue d'Entomologie (Caen)* 2:17–24. [#5143]
- Baudyš E (1940) *Agrilus derasofasciatus* Lac. ve větších *Pistacia terebinthus* L. *Časopis České Společnosti Entomologické* 37:27–78, (in Czech) [#3986]
- Baumann H (1987) Verbreitung der Buprestiden im Rheinland, Teil III. *Jahresberichte des Naturwissenschaftlichen Vereins in Wuppertal* 40:42–51. [#3393]

- Beal JA, Haliburton W, Knight FB (1952) Forest insects of the Southeast: with special reference to species occurring in the Piedmont plateau of North Carolina. Duke University School of Forestry, Durham, 168 pp + 34 pls. [#9687]
- Bechstein JM (1818) Die Forst- und Jagdwissenschaft nach allen ihren Theilen für angehende und ausübende Forstmänner und Jäger. Vierter Theil. Forstschuß. Zweunter Band. Beschreibung der schädlichen Forstinsecten nebst ihren Verhütungs – und Vertilgungsmitteln. Bennings'schen Buchhandlung, Gotha, XII + 558 + 8 pp, 4 col. pls. [#4419]
- Bedel L (1885) Liste de quarante Coléoptères recueillis par lui en Algérie et qui ne paraissent pas signalés jusqu'ici comme trouvés sur le continent Africain. Ann Soc Entomol France Bull 5(6): CLXXIV–CLXXVI. [#8716]
- Bedel L (1886) Diagnose d'un Buprestide nouveau, du Sahara algérien. Ann Soc Entomol France Bull 6(6):CXXX–CXXXI. [#3921]
- Bedel L (1921) Faune des coléoptères du bassin de la Seine. Tome IV, Deuxième Fascicule – Serricornia. Firmin–Didot, Paris, pp 165–234. [#170]
- Bedel L (1924) Coléoptères recueillis a Saclas (Seine-Et-Oise). Ann Soc Entomol France 93:125–160. [#4486]
- Beeson CFC (1919) The food plants of Indian forest insects. Part II. Indian Forester, Allahabad 45(3):139–153. [#3395]
- Beeson CFC (1941) The ecology and control of the forest insects of India and the neighbouring countries. Vasant Press, Dehra Dun, 1007 pp. [#178]
- Bellamy CL (2001) New combinations, synonymy and notes on Afrotropical Buprestidae (Coleoptera). Folia Heyrovskyana 9(2):81–88. [#5501]
- Bellamy CL (2002a) Coleoptera: Buprestoidea. XII + 492 pp, 4 col. pls. In: Houston WWK (ed) Zoological catalogue of Australia, vol 29.5. CSIRO Publishing, Melbourne, 492 pp. [#5764]
- Bellamy CL (2002b) Nomenclatural and taxonomic changes, new distribution and biological records for jewel beetles (Coleoptera: Buprestidae). Insecta Mundi 16(1–3):57–63. [#6154]
- Bellamy CL (2005) A new species of *Agrilus* Curtis, 1825 from Oaxaca (Coleoptera: Buprestidae). Folia Entomologica Mexicana 44(Suppl 1):15–19. [#7262]
- Bellamy CL, Hespeneheide HA (2002) The review of two Mexican species – groups of *Agrilus* (Coleoptera: Buprestidae: Agrilinae). Anales del Instituto de Biología, Universidad Nacional Autónoma de México, Serie Zoología 73(1):37–51. [#5978]
- Bellamy CL, Westcott RL (1995) New host and distribution records for some southern African Buprestidae (Coleoptera). African Entomol 3(2):219–222. [#3733]
- Bellamy CL, Westcott RL, Verity DS (1988) New synonymy, distributional and adult and larval host records for some Southern African Buprestidae (Coleoptera). Coleopterists Bull 42(1):73–83. [#248]
- Bellamy CL, Williams GA, Hasenpusch J, Sundholm A (2013) A summary of the published data on host plants and morphology of immature stages of Australian jewel beetles (Coleoptera: Buprestidae), with additional new records. Insecta Mundi 0293:1–172. [#9486]
- Bertolini S de (1891) Contribuzione alla Fauna Trentina dei Coleotteri. Bolletino della Società entomologica italiana 23:169–217. [#263]
- Bethune CJS (1908) Injurious insects in Ontario in 1907. Annual Report of the Entomological Society of Ontario 38:95–99. [#9537]
- Bétis L (1908) Synopsis des Coléoptères du Var. Draguignan, Imprimerie Latil Freres, 971 pp. [#8013]
- Bhattacharya SP, Banarjee SC, Singh B (1977) *Urena lobata* Linn. (F. Malvaceae). A new host plant of the spiral borer of Mesta, *Agrilus acutus* Thunb. (Buprestidae). Sci Cult 43(11):505–506. [#4209]
- Bhuiyan SR, Kabir KMF (1985) Studies on spiral borer (*Agrilus acutus* Thumb.) infesting kenaf (*Hibiscus cannabinus* L.). B J Jute Fibre Res 10:71–76. [#7045]
- Bickel R (1988) Kleinere Mitteilungen: 103. *Agrilus convexicollis* Redtb. (Col., Buprestidae). Mitteilungen des Entomologischen Vereins Stuttgart, 23, 78. [#8401]

- Bílý S (1971) A contribution on the faunistic of Sudanic Buprestids. The first contribution on NE African fauna based on material collected by P. Štys in 1965–1968. *Acta faunistica entomologica Musei nationalis Pragae* 14(168):173–178. [#327]
- Bílý S (1979) New records and rare species of buprestids from Bulgaria (Coleoptera, Buprestidae). *Acta Zoologica Bulgarica* 13:47–52. [#287]
- Bílý S (1982) The Buprestidae of Fennoscandia and Denmark. *Fauna Entomol Scand* 10:1–110. [#295]
- Bílý S (1983) Results of the Czechoslovak – Iranian entomological expedition to Iran. Coleoptera, Buprestidae. *Acta Entomol Mus Nat Pragae* 41:29–89. [#299]
- Bílý S (1984) Taxonomical and biological notes on Buprestidae from Turkey (Coleoptera). *Turkiye Bitki Koruma Dergisi* 8:143–149. [#304]
- Bílý S (1986) Faunistic records from Czechoslovakia. *Acta Entomol Bohemoslov* 83:473. [#8411]
- Bílý S (1989) Krascovití, Buprestidae. *Zoologické klíče*. Academia, Praha 111 pp (In Czech) [#3649]
- Bílý S (1991) Two new species of *Agrilus roscidus* species – group from central Europe (Coleoptera, Buprestidae). *Acta Entomol Bohemoslov* 88:371–375. [#318]
- Bílý S (1994) 41. Familie: Buprestidae, pp 88–114. In: Klausnitzer B (ed) *Die Larven der Käfer Mitteleuropas*. 2. Band, Myxophaga, Polyphaga, Teil 1, Goecke & Evers, Krefeld, 325 pp. [#8200]
- Bílý S (1996) Coleoptera: Buprestoidea, pp 439–445. In: Rozkošný R, Vaňhara J (eds) *Terrestrial Invertebrates of the Pálava biosphere reserve of Unesco, III. Folia facultatis scientiarum naturalium Universitatis Masarykianae brunensis biologia*, 94 [#6310]
- Bílý S (1999) Larvy krasců (Coleoptera: Buprestidae) střední Evropy. Larvae of buprestid beetles (Coleoptera: Buprestidae) of Central Europe. *Acta Entomol Mus Nat Pragae, Suppl.* 9, 45 pp, 33 pls. [#4478]
- Bílý S (2002) Summary of the bionomy of the Buprestid beetles of Central Europe (Coleoptera: Buprestidae). *Acta Entomol Mus Nat Pragae, Suppl.* 10, pp 1–104, 16 col. pls. [#5877]
- Bílý S, Kubáň V, Volkovitch M, Kalashian M (2011) Order Coleoptera, Family Buprestidae. *Arthropod Fauna of the UAE* 4:168–223. [#9075]
- Blackman MW, Ellis WO (1915) Some insects enemies of shade trees and ornamental shrubs. *New York State College of Forestry at Syracuse University, Bulletin* 16(26):1–123. [#5011]
- Blair KG (1927) The Heteromera and some other families of Coleoptera from Polynesia collected on the St. George Expedition, 1925. *Annals and Magazine of Natural History* 20(9):161–174. [#5016]
- Blair KG (1928) Heteromera, Bostrychoidea, Malacodermata and Buprestidae, pp 67–109. In: *Insects of Samoa and other Samoan terrestrial arthropoda, Part IV. Coleoptera, Fasc. 2.*, London, pp 67–174. [#343]
- Blanchard F (1845) *Histoire naturelle des insectes: leurs moeurs, leurs métamorphoses, et leur classification ou traite elementaire d'entomologie*. Tome Second, F. Savy, Paris, 524 pp + 20 Pls. [#8952]
- Blanchard F (1889) A list of the Buprestidae of New England. *Entomol Am* 5(2):29–32. [#345]
- Blatchley WS (1910) An illustrated descriptive catalogue of the Coleoptera or beetles (exclusive of the Rhynchophora) known to occur in Indiana. The Nature Publishing Co., Indianapolis, 1386 pp. [#346]
- Blatchley WS (1919) Some new or scarce Coleoptera from Western or Southern Florida. *Canadian Entomol* 51:28–32. [#5043]
- Blatchley WS (1920) Notes on some Coleoptera taken in the vicinity of Dunedin, Florida, in the spring of 1920, with descriptions of new species. *Canadian Entomol* 52(2):259–264. [#5045]
- Blatchley WS (1923) Notes on the Coleoptera of southern Florida with descriptions of new species. *Canadian Entomol* 55:13–20. [#5046]
- Boas JEV (1898) *Dansk forstzoologi*. København, Det Nordiske Forlag, E. Bojesen, 441 pp, (in Danish) [#8940]
- Boisduval JBA (1867) *Essai sur l'entomologie horticole comprenant l'histoire des insectes nuisibles a l'horticulture avec l'indication des moyens propres a employer pour les éloigner ou pour les détruire et l'histoire des insectes et autres animaux utiles aux cultures*. 16 + 648 pp, 125 figs. [#6844]

- Boissy Mollandin R de (1910) Coléoptères nouveaux, rares ou intéressants pour le Département du Var (1 re Liste). Annales de la Société d'Histoire Naturelle de Toulon 1910:1–12. [#4494]
- Boldt PE, Robbins TO (1990) Phytophagous and flower visiting insect fauna of *Baccharis salicifolia* (Asteraceae) in the southwestern United States and northern Mexico. Environ Entomol 19(3):515–523. [#9732]
- Boldyrev MI, Kolesnikov SA (2009) Розанная узкотелая златка *Agrilus cuprescens* Men. Опасный вредитель стволовых органов видов *R. rosa* (Шиповник) в Тамбовской области (Coleoptera, Buprestidae). Dangerous pest of trunk organs of the varieties *R. rosa* (rose bush) in Tambov region. Agro, Moskva, (1–3), 2 pp, (in Russian with English subtitle and summary) [#8893]
- Boldyrev MI, Kolesnikov SA (2010) Розанная узкотелая златка – опасный вредитель стволовых органов видов шиповника в Тамбовской области. *Agrilus cuprescens* — dangerous stem pest of the varieties *R. rosa* in Tambov region. Agro, Moskva, (1–3), pp 20–21. [#9622]
- Bolla J (1859) Beitrag zur Kenntniss der Koleopteren-Fauna Presburg's. Verhandlungen des Vereins für Naturkunde zu Pressburg 4:23–44. [#7448]
- Bolu H, Özgen I (2010) Diyarbakır, Elazığ ve Mardin illeri badem ağaçlarında zararlı *Agrilus roscidus* Kiesenwetter, 1857 (Coleoptera: Buprestidae)' un ergin popülasyon değişiminin belirlenmesi. Population changes of *Agrilus roscidus* Kiesenwetter, 1857 (Coleoptera: Buprestidae) adults, pest of almond trees in Diyarbakir, Elazig and Mardin provinces. Bitki Koruma Bülteni 50:1–11, (in Turkish with English summary) [#9245]
- Bolu H, Özgen I (2011) On the Buprestidae (Coleoptera) species of almond orchards in the southeastern and eastern Anatolia in Turkey. Munis Entomol Zool 6:970–976. [#9256]
- Borchert W (1951) Die Käferwelt des Magdeburger Raumes. Magdeburger Forschungen, Band II, Magdeburg, Rat der Stadt Magdeburg, 264 pp, 8 pls, 9 maps. [#7707]
- Bordy B (1973) *Agrilus guerini* Lacordaire en Haute-Saône (Col. Buprestidae). Bulletin de la Société Entomologique de Mulhouse, pp 17–18. [#4633]
- Bordy B (2006) Note sur la presence en France de *Agrilus viscosus* Bily (Coleoptera, Buprestidae). Bull Soc Entomol Mulhouse 62:29–30. [#9211]
- Born P (1907) Zur Lebensweise nordamerikanischer Schädlinge. Societas entomologica 22(7):59. [#9783]
- Borowski J, Byk A, Królik R (2000) Nowe dane o rozmieszczeniu *Agrilus auricollis* Kiesenwetter, 1857 (Coleoptera: Buprestidae) w Polsce. New data on the distribution of *Agrilus auricollis* Kiesenwetter, 1857 (Coleoptera: Buprestidae) in Poland. Wiadomosci Entomologiczne, Poznan 19(2):121, (in Polish with English subtitle) [#6272]
- Bovey P (1953) Le Bupreste vert (*Agrilus viridis* L.) ravageur du hetre en Suisse. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 26(2):152–153. [#8418]
- Brahm NJ (1791) Insektenkalender für Sammler und Oekonomen. Handbuch der ökonomischen Insektengeschichte in Form eines Kalenders bearbeitet. Erster Theil, Mainz, Universitätsbuchhandlung, LXLII + 248 pp. [#4024]
- Brancsik K (1871) Die Käfer der Steiermark. Paul Cieslar, Graz, II + 114 pp. [#5060]
- Brandl P (1976) Meldungen der Arbeitsgemeinschaft Bayerischer Koleopterologen. Nachrichtenblatt der Bayerischen Entomologen 25:71–75. [#9010]
- Braza RD (1987) Growth and survival of varicose borer (*Agrilus sexsignatus*) larvae in Philippine provenance of bagras (*Eucalyptus deglupta*). Malaysian Forester 50(1–2):235–238. [#4224]
- Braza RD (1988) Biology of the varicose borer, *Agrilus sexsignatus* (Fisher), on bagras, *Eucalyptus deglupta* Blume. Philip Entomol 7(4):351–358. [#4235]
- Braza RD (1989) Parasitoids of immature stages of *Agrilus sexsignatus* (Fisher) (Coleoptera: Buprestidae) attaching *Eucalyptus deglupta* Blume in Surigao del Sur. Philip Entomol 7(5):479–483. [#377]
- Braza RD (1992) Varicose borer infestation and effects on native bagras *Eucalyptus deglupta* Blume growth condition. Sylvatrop 2(1):53–59. [#5064]



- Braza RD (1997) New insect pests of *Acacia mangium* in the Philippines. Forest, Farm, and Community Tree research reports 2:24–26. [#5980]
- Brechtel F, Kostenbader H (2002) Die Pracht- und Hirschkäfer Baden-Württembergs. Verlag E. Ulmer, Stuttgart, 632 pp. [#5766]
- Bregant E (1971) Faunistische Nachrichten aus Steiermark (XVI/7): Neufunde von Prachtkäferarten der Gattungen *Coroebus* Cast. und *Agrilus* Curt. (Insecta, Coleoptera). Mitteilungen des naturwissenschaftlichen Vereins, Steiermark, 100, 448–450. [#3416]
- Bregant E (1977) Zur Biologie, Verbreitung und systematischen Stellung von *Agrilus auricollis* und *Agrilus roscidus* (Ins., Coleoptera, Buprestidae). Mitteilungen des naturwissenschaftlichen Vereins, Steiermark, 107, 165–169. [#3414]
- Bregant E, Fritz JJ, Walluschek Wallfeld H (1999) Bemerkenswerte Prachtkäferfunde in Österreich (Coleoptera, Buprestidae). *Joannea Zoologie* 1:65–70. [#5822]
- Brehm AE (1877) Brehms Thierleben. Allgemeine Kunde des Thierreichs. Große Angabe. Zweite umgearbeitete und vermehrte Auflage. Vierte Abtheilung – Wirbellose Thiere. Erster Band, Verlag des bibliographischen Instituts, Leipzig, 711 pp. [#8925]
- Brehm AE, Kunckel d’Herculais J (1882) Merveilles de la nature les insectes, les myriapodes, les arachnides et les crustacés. Édition Française. J. B. Baillière, Paris, vi + 720 pp. [#9003]
- Briese DT (1991) Demographic processes in the root-borer *Agrilus hyperici* (Coleoptera: Buprestidae): a biological control agent of St. John’s wort. *Biocontrol Sci Technol* 1(3):195–206. [#4221]
- Bright D (1987) The metallic wood boring beetles of Canada and Alaska, Coleoptera: Buprestidae. In: The insects and arachnids of Canada, Part 15. Canada Department of Agriculture, publication no. 1810, pp 1–335. [#379]
- Britton WE (1913) Twelfth report of the state entomologist of Connecticut. Connecticut Agriculture Experiment Station, 36 annual report. Being the annual report for the year ending 31 Oct 1912, pp 209–296. [#5075]
- Britton WE (1918) The sinuate pear borer in Connecticut. In: Report of entomologists. Miscellaneous insect notes. Connecticut Agriculture Experiment Station, 41 annual report. Being the annual report for the year ending 31 Oct 1917, p 361. [#5175]
- Britton WE (1923) The bronze birch borer *Agrilus anxius* Gory. Connecticut Experiment Station, Bulletin 247:359–361. [#5178]
- Britton WE (1924) Some of the principal insects attacking shade trees in Connecticut. Connecticut Experiment Station, Bulletin 263:156–170. [#5179]
- Britton WE (1926) Three injurious insects recently introduced into Connecticut. *J Econ Entomol* 19(3):540–545. [#6727]
- Britton WE, Zappe MP (1927) Some insect pests of nursery stock in Connecticut. Connecticut Experiment Station, Bulletin 292:119–173. [#5181]
- Brooks FE (1914) The apple root borer. *J Agric Res* 3(2):179–186, 3 pls. [#5184]
- Brooks FE (1926) Life history of the hickory spiral borer, *Agrilus arcuatus* Say. *J Agric Res* 33(4):331–338. [#383]
- Brown LR, Eads CO (1965) A technical study of insects affecting the oak tree in southern California. California Agricultural Experiment Station, Bulletin 810:1–105. [#9730]
- Brück-Dyckhoff C (2012) Zur Beteiligung des Buchenprachtkäfers *Agrilus viridis* L. 1758 an Vitalitätsverlusten der Rotbuche nach Trockenstress. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 18:383–388. [#9430]
- Brundin L (1934) Die Coleopteren des Torneträskgebietes. Ein Beitrag zur Ökologie und Geschichte der Käferwelt in Schwedisch – Lappland. Carl Bloms, Lund, 436 pp. [#8542]
- Buddeberg KD (1882) Die Käfer von Nassau und Frankfurt. Jahrbücher des Nassauischen Vereins für Naturkunde 35:62–87. [#8997]
- Burakowski B, Mroczkowski M, Stefanska J (1985) Buprestoidea, pp 7–86. In: Mroczkowski M (ed) *Catalogus faunae Poloniae*. Part 23, vol 10, Coleoptera, Buprestoidea, Elateroidea, Cantharoidea. Warszawa, Państwowe wydawnictwo naukowe, 401 pp, (in Polish) [#399]
- Burke HE (1917a) Notes on some western Buprestidae. *J Econ Entomol* 10(3):325–332. [#406]

- Burke HE (1917b) Flat-headed borers affecting forest trees in the United States. United States Department of Agriculture, Bulletin 437:1–8. [#407]
- Burke HE (1920) The Pacific oak twig-girdler [*Agrilus angelicus* Horn]. J Econ Entomol 13:379–384. [#5194]
- Bussler H, Schmidl J (2009) Die xylobionte Käferfauna von sechs Eichen im Naturwaldreservat Eichhall im bayerischen Hochspessart (Coleoptera). Entomologische Zeitschrift 119:115–123. [#8740]
- Caillol H (1913) Catalogue des coléoptères de Provence. D'après des documents recueillis et groupés. 2me partie. Société Linnéenne de Provence, Marseille, 602 pp + Index. [#4053]
- Calwer CG (1858) Käferbuch. Allgemeine und specielle Naturgeschichte der Käfer Europa's. Nebst der Anweisung sie zu sammeln und auszubewahren. Kraus & Hoffmann, Stuttgart, XXVIII + 788 pp. [#8204]
- Campbell CL, McCaffrey JP (1991) Population trends, seasonal phenology, and impact of *Chrysolina quadrigemina*, *C. hyperici* (Coleoptera: Chrysomelidae), and *Agrilus hyperici* (Coleoptera: Buprestidae) associated with *Hypericum perforatum* in northern Idaho. Environ Entomol 20(1):303–315. [#4218]
- Campbell JM, Sarazin MJ, Lyons DB (1989) Canadian beetles (Coleoptera) injurious to crops, ornamentals, stored products, and buildings. Research branch agriculture Canada, Publication 1826. Canadian government publishing centre, Ottawa, 491 pp. [#8198]
- Čapek M (1986) Lumčikovité (Hymenoptera: Braconidae) ako parazitoidy podkôrných a drevokazných škodcov duba – vectorov tracheomykóz. The braconids (Hymenoptera: Braconidae) as parasitoids of oak bark mining and wood boring insects-carriers of tracheomycoses. Biológia, Bratislava 41(6):535–542, (in Slovak with English subtitle and summary) [#6459]
- Capelouto R (1949) Notes on the Florida Buprestidae. Florida Entomol 32(3):109–114. [#417]
- Carlson RW, Knight FB (1969) Biology, taxonomy, and evolution of four sympatric *Agrilus* beetles (Coleoptera: Buprestidae). Contributions of the American Entomological Institute 4(3):1–105. [#419]
- Carpentier L, Delaby E (1908) Catalogue des Coléoptères du département de la Somme. Seconde édition. Mémoires de la Société linnéenne du nord de la France, 12, 306 pp [numbered 167–472]. [#7378]
- Cavalcaselle B (1972) Ecologia ed etologia di alcuni buprestidi nocivi al pioppo nell'Italia centro-meridionale. Redia, LIII, pp 67–122, 4 figs, 19 pls. [#4337]
- Čechovský P (1988) Dva nové druhy brouků pro území Moravy. Zwei neue Arten Käfers [sic!] für das Gebiet Mährens (Coleoptera, Buprestidae, Cerambycidae). Zprávy Československé společnosti entomologické při ČSAV, Praha, 24, pp 25–26. [#3420]
- Cederhielm J (1798) Faunae Ingricae prodomus exhibens methodicam descriptionem insectorum agri petropolensis praemissa mammalium, avium, amphiborum et piscum enumeratione. Lipsiae, I. F. Hartknoch, XVIII + 348 pp, 3 color pls. [#5314]
- Chaffanjon J (1876) *Agrilus angustulus*. Feuille des Jeunes Naturalistes 7(73):91. [#8934]
- Chaffanjon J (1878) Communications. [*Agrilus angustulus*, note]. Ann Soc Entomol France Bull 8(5):XII. [#4652]
- Chamberlin WJ (1917) Notes on some Buprestidae of Northern California (Col.). Entomol News 28:166–169. [#462]
- Chamberlin WJ (1926) The Buprestidae of North America exclusive of Mexico. A catalogue including synonymy, bibliography, distribution, type locality and hosts of each species. W. J. Chamberlin, Corvallis, 289 + 1 p index. [#468]
- Chamberlin WJ (1929) Remarks on the Buprestidae (Coleoptera) of the north Pacific Coast region with descriptions of new species. Pan-Pacific Entomol 5(3):109–116. [#469]
- Chamorro ML, Volkovitch MG, Poland TM, Haack RA, Lingafelter SW (2012) Preimaginal stages of the emerald ash borer, *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae): an invasive pest on ash trees (Fraxinus). PLoS One 7(3):1–12. [#9280]

- Chang-Whan Kim (1978) Distribution atlas of insects of Korea. Series 2, Coleoptera. Korea University Press, Seoul, 414 pp. [#9736]
- Chapman RN (1915) Observations on the life history of *Agrilus bilineatus*. *J Agric Res* 3(4):283–293. [#484]
- Chararas C (1972) Les insectes du peuplier Biologie – écologie – nocivité – méthodes de protection. Librairie de la Faculté de Sciences, Imprimerie Jouve, Paris, 372 pp. [#9206]
- Chen X (1992) *Agrilus ratundicollis* [sic!] Saunders, pp 401–402. In: Xiao Gangrou (ed) Forest insects of China. The second edition (Revised & enlarged). China Forestry Publishing House, Beijing, 1362 pp. [#6192]
- Chen Yigen, Coleman TW, Jones MI, Flint M, Seybold SJ (2013) Foliar nutrients explain goldspotted oak borer, *Agrilus auroguttatus*, adult feeding preference among four California oak species. *Entomol Exp Appl* 149(1):57–66. [#9702]
- Chevrolat LAA (1838a) Description de trois Buprestes, et d'un superbe *Cyphus* nouveau. *Revue Zoologique*, par la société cuvierienne 1838:55–56. [#490]
- Chevrolat LAA (1838b) Centurie de Buprestides. *Silbermann's Revue Entomologique*, Strasbourg & Paris, (1837) 5:41–110. [#489]
- Chiles L (1914) Oak pests – the oak twig girdler (*Agrilus politus* Say) Order – Coleoptera. Family – Buprestidae. *Month Bull State Comm Hortic* 3:150–155. [#9539]
- Chittenden FH (1889) Notes on the habits of Buprestidae. *Entomologia Americana* 5:217–221. [#5261]
- Chittenden FH (1897) Insect injury to chestnut and pine trees in Virginia and neighboring states. United States Department of Agriculture, Division of Entomology, Bulletin 7 (new series), pp 67–71. [#5332]
- Chittenden FH (1898) A destructive borer enemy of birch trees, with notes on related species. In: Some miscellaneous results of the work of the division of entomology. III. United States Department of Agriculture, Division of Entomology, Bulletin 18 (new series), pp 44–51. [#5333]
- Chittenden FH (1900) Food plants and injury of North American species of *Agrilus*. United States Department of Agriculture, Division of Entomology, Bulletin 22 (new series), pp 64–68. [#5334]
- Chittenden FH (1909) The two-lined chestnut borer. United States Department of Agriculture, Circular no. 24, Revised edition, pp 1–7. [#9673]
- Chobaut A (1905) Excursion entomologique dans l'Aude et les Pyrénées-Orientales. En Juin 1903. *Bull Soc Etud Sci Aude* 16:113–161. [#9612]
- Churilina TN (2011) Биологические особенности смородинной узкотелой златки (*Agrilus ribesi* Schaefer) в условиях Оренбургского степного Зауралья. Biological features *Agrilus ribesi* Schaefer, in the conditions of the Orenburg steppe Zauralye. *Vestnik Orenburgskogo gosudarstvenogo universiteta*, 12, pp 162–164, (in Russian with English subtitle and summary) [#9623]
- Claudon A (1870) Communication. *Ann Soc Entomol France Bull* 10(4):XII–XIII. [#4656]
- Claudon A (1871) Note sur la manière de vivre de l'*Agrilus biguttatus* et *Platypus cylindrus*. *Ann Soc Entomol France Bull* 10(5):XXXI. [#5339]
- Clausen CP (1931) Insects injurious to agriculture in Japan. United States Department of Agriculture, Washington, DC, Circular no. 168, 116 pp. [#3267]
- Clausen CP (1933) The citrus insects of tropical Asia. United States Department of Agriculture, Washington, DC, Circular no. 266, pp 1–35. [#7351]
- Clute O (1890) Report of the zoologist. In: Secretary of the State Board of Agriculture of the State of Michigan from July 1, 1889 to June 30, 1890. Twenty-ninth annual report, Robert Smith & Co. State Printers and Binders, Lansing, pp 102–129. [#5402]
- Cobos A (1955) Nuevos datos para el conocimiento de los "Coleoptera Buprestidae" en la zona Española de Maruecos. *Tamuda* 3:197–230. [#3149]
- Cobos A (1986) Fauna iberica de coleopteros Buprestidae. Imp. Aguirre, Madrid, 364 pp. [#609]

- Cockerell TDA (1897) Biological notes on some Coleoptera from New Mexico. *J NY Entomol Soc* 5:149–150. [#9517]
- Coello P (1997) Nuevos aportes a la corologia de Buprestidae para la Comunidad Autónoma de Andalucía (Coleoptera, Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 19:59. [#4657]
- Coleman TW, Seybold SJ (2008) Previously unrecorded damage to oak, *Quercus* spp., in southern California by the goldspotted oak borer, *Agrilus coxalis* Waterhouse (Coleoptera: Buprestidae). *Pan-Pacific Entomol* 84:288–300. [#9169]
- Coleman TW, Grulke NE, Daly M, Godinez C, Schilling SL, Riggan PJ, Seybold SJ (2011) Coast live oak, *Quercus agrifolia*, susceptibility and response to goldspotted oak borer, *Agrilus auroguttatus*, injury in southern California. For *Ecol Manage* 261:1852–1865. [#9257]
- Coleman TW, Lopez V, Rugman-Jones P, Stouthamer R, Seybold SJ, Reardon R, Hoddle MS (2012) Can the destruction of California's oak woodlands be prevented? Potential for biological control of the goldspotted oak borer, *Agrilus auroguttatus*. *BioControl* 57:211–225. [#9343]
- Contarini E (1983) Contributo alla conoscenza dei Buprestidi italiani con particolare riguardo alla fauna di Romagna. *Giornale Italiano di Entomologia* 1:205–210. [#621]
- Cortes F (1985) Preliminary results on the effect and extent of *Agrilus* infestation in the Trans-Gogol reforestation project. Madang Provincial Forest Office, Forest Department report (unpublished). [#9480]
- Cote WA, Allen DC (1980) Biology of two-lined chestnut borer, *Agrilus bilineatus*, in Pennsylvania and New York. *Ann Entomol Soc Am* 73(4):409–413. [#626]
- Cowie D (2001) Jewel beetles of Tasmania: a field naturalist's guide. Tasmanian Field Naturalists' Club. Inc., Hobart. [#6941]
- Craighead FC (1950) Insect enemies of eastern forests. U.S. Department of Agriculture, Miscellaneous publication, 679 pp. [#5409]
- Craighead FC, Middleton W (1930) An annotated list of the important North American forest insects. United States Department of Agriculture, Miscellaneous publication no. 74, pp 1–30. [#9752]
- Cranshaw W (2004) Garden insects of North America. Princeton University Press, xvi + 656 pp. [#9681]
- Creutzer C (1799) *Entomologische Versuche*. Wien, Karl Schaumburg und Comp., 142 pp, 3 col. pls. [#629]
- Crovato P, Izzillo F (1995) Nuovi reperti di Buprestidi dell'Italia centro-meridionale (Coleoptera, Buprestidae). *Bolletino dell'Associazione Romana di Entomologia* 49:155–160. [#3791]
- Csiki E (1915) Magyarországi buprestidái. VI. *Rovartani Lapok* 22:88–107, (in Hungarian) [#3914]
- Curletti G (1980a) *Agrilus pisanus* n. sp. dell'Italia peninsulare (Coleoptera Buprestidae). *Bolletino della Società entomologica italiana* 112(9–10):171–174. [#642]
- Curletti G (1980b) Coleotteri buprestidi del Piemonte e valle d'Aosta. Catalogo ragionato delle specie di Buprestidi (Coleoptera, Buprestidae) che popolano le due regioni. *Riv Piemont Stor Nat* 1:69–104. [#641]
- Curletti G (1983) Revisione delle specie Italiane appartenenti al gruppo di *Agrilus cinctus* (Olivier) (Coleoptera, Buprestidae). *Riv Piemont Stor Nat* 4:49–60. [#646]
- Curletti G (1986) “*Agrilus meloni*” n. sp. della Sardegna meridionale (Coleoptera, Buprestidae). *Riv Piemont Stor Nat* 7:129–131. [#652]
- Curletti G (1994a) Deuxieme contribution a la revision des *Agrilus* de la region Ethiopienne. Le sous-genre *Personatus* Curletti, 1993 (Coleoptera, Buprestidae). *Lambillionea* 94:477–486. [#3256]
- Curletti G (1994b) I Buprestidi d'Italia. Catalogo tassonomico, sinonimico, biologico, geonemico. *Nat Brescia, Brescia, Monografie*, no. 19, pp 1–318. [#658]
- Curletti G (1997) Studi sugli Agrilinae del museo di Tervuren (Coleoptera, Buprestidae). Part II. *Lambillionea* 97:461–479. [#4087]

- Curletti G (1998a) Prima contribuzione alla conoscenza degli insetti fitofagi del Parco Naturale del Mont Avic. *Rev Valdôtaine Hist Nat* 52:105–131. [#5344]
- Curletti G (1998b) Nuovi *Agrilus* delle regioni Africane e delle penisola Arabica (Coleoptera, Buprestidae). *Rivista Piemontese di Storia Naturale* 19:89–149. [#4514]
- Curletti G (1999) Nuove specie sudafricane del gen. *Agrilus* Curtis, 1825 (Coleoptera: Buprestidae). *Elytron*, Barcelona 13:57–86. [#4805]
- Curletti G (2000) Gli *Agrilus* della spedizione Radeau des cimes – Gabon 1999 (Coleoptera, Buprestidae). *Lambillionea* 100:459–469. [#4849]
- Curletti G (2001) The genus *Agrilus* in Australia (Coleoptera, Buprestidae). *Jewel Beetles* 9:1–45, figs, maps. [#5025]
- Curletti G (2002) Contribution a la connaissance des Agrilini de Cote d’Ivoire (Coleoptera: Buprestidae). *Lambillionea* 102:43–64. [#5768]
- Curletti G (2003) The genus *Agrilus* Curtis, 1825 in Solomon Islands (Coleoptera, Buprestidae). *Bolletino del Museo Regionale di Scienze Naturali*, Torino 20:135–160. [#5841]
- Curletti G (2005a) Descrizione di *Agrilus grandiceps cyrenaicus* n. ssp. della Libia e correzione omonimica di una specie afrotropicale. (Coleoptera, Buprestidae). *Lambillionea* 105:233–235. [#7124]
- Curletti G (2005b) Notes about the genus *Agrilus* Curtis, 1825 in Panama. *Lambillionea* 105:545–571. [#7579]
- Curletti G (2006) The genus *Agrilus* Curtis, 1825 in New Guinea and nearest islands (Coleoptera, Buprestidae). *Annali del Museo Civico di Storia Naturale Giacomo Doria* XCVIII:157–257. [#7966]
- Curletti G (2009) *Agrilus* (*Agrilus*) *sundholmi*, a new *Agrilus* from Australia (Coleoptera: Buprestidae). *Zootaxa* 2137:66–68. [#8824]
- Curletti G (2010) New species of the genus *Agrilus* Curtis, 1825, from Nicaragua and Panamá (Coleoptera: Buprestidae: Agrilinae). *Zootaxa* 2333:59–68. [#8821]
- Curletti G, Aberlenc HP (2005) Une nouvelle espèce pur la faune de France: *Agrilus* (*Agrilus*) *cytisi* Baudi, 1870 (Coleoptera, Buprestidae). *Bulletin mensuel de la Société Linnéenne de Lyon* 74(2):55–56. [#7210]
- Curletti G, Bellamy CL (2005) Two new species of African Agrilini (Coleoptera: Buprestidae: Agrilinae). *Folia Heyrovskyana* (2004) 12(4):175–178. [#7125]
- Curletti G, Brûlé S (2013) Deuxième contribution à la connaissance des Agrilini de Guyane (Coleoptera, Buprestidae, Agrilinae). In: *Agrilini de Guayane* (II). *Collection ex Natura* 5:5–44. [#9624]
- Curletti G, Brûlé S (2014) Quatrième contribution à la connaissance des Agrilini de Guyane (Coleoptera, Buprestidae). *Giornale Italiano di Entomologia* 13(59):613–616. [#9663]
- Curletti G, Cristiano L (2013) A new species of *Agrilus* Curtis, 1825 from Namibia (Coleoptera, Buprestidae). *Entomologia Africana* 18(1):44–48. [#9706]
- Curletti G, Dutto A (1999a) New *Agrilus* species from Tanzania (Coleoptera, Buprestidae) Part I. *Lambillionea* 99:162–170. [#9058]
- Curletti G, Dutto A (1999b) New *Agrilus* species from Tanzania (Coleoptera, Buprestidae) Part II. *Lambillionea* 99:423–432. [#9059]
- Curletti G, Harten A (2002) Records of the genus *Agrilus* (Coleoptera, Buprestidae) from Yemen, including a new species. *Zool Middle East* 25:53–58. [#5770]
- Curletti G, Magnani G (1991) Note tassonomiche e corologiche sui Buprestidi maghrebini (Coleoptera, Buprestidae). *Bolletino del Museo Regionale di Scienze Naturali*, Torino 9(2):275–286. [#3255]
- Curletti G, Magnani G (2006) Considerazioni su alcuni taxa appartenenti al gruppo do *Agrilus* (*Paralophotus*) *sordidans* Obenberger, 1931 (Coleoptera, Buprestidae). *Bioscosme Mésogéen*, Nice 23(1):17–20. [#7485]
- Curletti G, Ponel P (1994) *Agrilus lacus* n. sp. de Provence (Coleoptera, Buprestidae). *Lambillionea* 94:353–358. [#640]

- Curletti G, Sakalian VP (2007) Two new species of *Agrilus* Curtis, 1825 from Kenya (Coleoptera, Buprestidae). *Deutsche Entomologische Zeitschrift* 54:75–78. [#7985]
- Curletti G, Sakalian VP (2009) Sixteen new species of *Agrilus* Curtis, 1825 from East Africa (Coleoptera, Buprestidae). *Zookeys* 24:1–29. [#8792]
- Curletti G, Vayssières JF (2007) Note sugli *Agrilus* Curtis, 1825 del Benin (Coleoptera, Buprestidae). *Lambilliona* 107:203–212. [#8004]
- Curletti G, Ribeiro SP, Migliore L (2013) Preliminary contribution to the knowledge of Coleoptera Buprestidae from Atlantic rainforest regions of Rio Doce and Itacolomi State Parks of Minas Gerais, Brazil. The genera *Agrilus* Curtis, 1825, *Autarcontes* Waterhouse, 1887, and *Geralius* Harold, 1869. *Biodivers J* 4(4):443–450. [#9734]
- Curtis J (1825) *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland: containing coloured figures from nature of the most rare and beautiful species, and in many instances of the plants upon which they are found, vol II*, London. Printed for the author, 98 col. pls with text. [#3915]
- Curtis J (1840) New species of *Agrilus*. *Annals of Natural History: or Magazine of Zoology, Botany, and Geology* 5(1):365–366. [#660]
- Daehne C (1912) Die Buprestiden Mitteldeutschlands (Col.). *Mitteilungen aus der Entomologischen Gesellschaft zu Halle* 3–4:35–52. [#3609]
- Dajoz R (2000) *Insects and forests. The role and diversity of insects in the forest environment. Technique & documentation*, Paris, 668 pp (English mutation of Dajoz, 1986). [#9682]
- Danilevsky ML (1979) Anatomia pishchevaritelnoi sistemy lichinok zlatok (Coleoptera, Buprestidae), pp 158–167. In: Pravdin FN (ed) *Nasekomye razrushiteli drevesiny i ikh entomofagi*. Nauka, Moscow, 254 pp, (in Russian) [#6483]
- Davatchi GA (1958) Étude biologique de la faune entomologique des Pistacia sauvages et cultivés. *Revue de Pathologie végétale et d'Entomologie agricole de France* 37:3–166. [#3658]
- Davatchi GA, Taghi Zadeh F, Safavi M (1959) Contribution à l'étude biologique et économique des coléoptères phytophages and xylophages de l'Iran (première note). *Revue de Pathologie végétale et d'Entomologie agricole de France* 38(4):235–252. [#8098]
- Davis GC (1892) Notes on a few borers. *Annual Report of the Entomological Society of Ontario* 22(1891):80–82. [#9516]
- Davis DW, Raghuvir NN (1964) The biology of the rose stem girdler, *Agrilus rubicola* communis on raspberries in Utah (Coleoptera: Buprestidae). *Ann Entomol Soc Am* 57(2):154–159. [#669]
- Decker GC (1933) The two-lined chestnut borer and its control. *Iowa State Horticultural Society Report* 68:151–156. [#9647]
- Dedyukhin SV, Nikitskii NB (2009) Materyaly po nekotorym redkim vidam ksilofil'nykh zhestkokrylykh (Insecta, Coleoptera) Udmurtii. Materials on some rare xylophilous beetle species (Insecta, Coleoptera) of Udmurtia. *Evrziatskii èntomologicheskii zhurnal* 8:217–225, (in Russian with English subtitle and summary) [#8976]
- Dekhtiarev NS (1928) Vrednye nasekomye na Ukraine v 1926–27 g.g. Injurious insects over Ukraine in 1926–27. *Zakhist roslin* 4:14–25, (in Russian with English subtitle) [#8663]
- Delherm de Larcenne EV (1885) *Catalogue des coléoptères du Gers et du Lot-&-Garonne. Quatrième partie. Recueil des travaux de la société d'agriculture sciences et art d'Agen, Deuxième série, tome IX*, pp 161–244. [#3924]
- Descarpentries A (1953) Coléoptères Buprestides de la mission F. Bernard, pp 251–259. In: *Mission scientifique au Tassili des Ajjer (1949). I. Recherches zoologiques et medicales. Imp. Imbert, Alger*. [#722]
- Descarpentries A (1958) Coléoptères Buprestides récoltés au Sahara par F. Pierre. *Bulletin de l'Institut français d'Afrique noire, Sér A* 20(3):970–978. [#728]
- Descarpentries A (1959) Buprestides récoltés en Afrique orientale anglaise par J. C. M. Gardner. *Revue française d'Entomologie* 26(2):86–95. [#727]
- Descarpentries A (1963) Un nouvel *Agrilus* parasite du caféier en Afrique tropicale (Col. Buprestidae). *Bulletin de l'Institut français d'Afrique noire, Sér A* 25(4):1144–1147. [#734]

- Descarpentries A, Bruneau de Miré P (1963) Coléoptères Buprestidae du Tibesti. Bulletin de l'Institut français d'Afrique noire, Sér A 25(1):163–209. [#717]
- Descarpentries A, Mateu J (1965) Coléoptères Buprestidae récoltés dans l'Ennedi par M. J. Mateu. Bulletin de l'Institut français d'Afrique noire, Sér A 27(3):1022–1056. [#737]
- Doane RW, Van Dyke EC, Chamberlin WJ, Burke HE (1936) Forest insects: a text-book for the use of students in forest schools, colleges, and universities, and for forest workers, XII + 463 pp. [#7341]
- Dodge BO, Rickett HW (1943) Diseases and pests of ornamental plants. Jaques Catell Press, Lancaster, XII + 638 pp. [#7342]
- Dongé E, Estiot P (1921) Les insectes et leurs dégâts. P. Lechevalier, Paris, 103 pp. [#8963]
- Downie NM, Arnett RH Jr (1996) The beetles of Northeastern North America, vol 1, Introduction; Suborders Archostemata, Adepaha and Polyphaga, thru Superfamily Cantharoidea. Sandhill Crane Press, Gainesville, XIV + 15–880 pp. [#6170]
- Dozier HL (1920) An ecological study of hammock and piney wood insects in Florida. Ann Entomol Soc Am 13:325–380. [#7333]
- Drees M (1999) *Agrilus cyanescens* (Ratz.) an exotischen Ziersträuchern (Buprestidae). Entomologische Blätter (1998) 94:125. [#4821]
- Duan JJ, Yurchenko G, Fuester R (2012) Occurrence of Emerald Ash Borer (Coleoptera: Buprestidae) and biotic factors affecting its immature stages in the Russian Far East. Environ Entomol 41:245–254. [#9433]
- Duff AG (1997) *Agrilus sinuatus* (Olivier) (Buprestidae) new to Somerset. Coleopterist 6(3):105. [#6351]
- Dunbar DM, Stephens GR (1975) Association of twolined Chestnut borer and shoestring fungus with mortality of defoliated Oak in Connecticut. Forest Sci 21(2):169–174. [#7860]
- Dury C (1908) An interesting new *Agrilus* from Cincinnati, Ohio. Entomol News 19:368. [#798]
- Dutt N (1964) Jute pests. In: Entomology in India 1938–1963. Silver Jubilee. Indian J Entomol 59–71. [#8157]
- Dutt DK (1969) Bionomics of *Agrilus acutus* (Thnb.) (Col. Buprestidae) on mesta (*Hibiscus cannabinus*) in India. Bull Entomol Res 58:421–430. [#3659]
- Dutt DK (1971) Mortality response of *A. acutus* Th. Grubs tunnelling in the stem of *H. cannabinus* L. to treatments with OP insecticides. Jute Bull 33(12):212–219. [#7047]
- Dutt DK, Bhattacharjee SP (1960) Observation on the incidence of the spiral borer – *Agrilus acutus* Thumb. (Col. Buprestidae) in *Hibiscus cannabinus* and *H. sabdariffa*. Indian J Agric Sci 30:39–47. [#7046]
- Ebeling W (1959) Subtropical fruit pests. University of California, vi + 436 pp. [#9676]
- Echevarria MJM, Echevarria LE (1998) Los Buprestidae Leach (Coleoptera) del melojar de La Herreía y las dehesas de fresnos del alto Guadarrama. Boletín de la SEA, Sociedad Entomologica Aragonesa, Zaragoza 21:7–9. [#4542]
- Ehnström B (1983) Faunistiska anteckningar om trädskalbaggar. Faunistic notes on tree-living beetles (Coleoptera). Entomologisk Tidskrift 104:75–79, (in Swedish with English subtitle and abstract) [#9617]
- Elliott EA, Morley C (1907) On the Hymenopterous parasites of Coleoptera. Trans Entomol Soc London 59:7–75. [#8725]
- Enderlein G (1923) *Agrilus viridis* L. 1758 als Rosenschädling. Zeitschrift für wissenschaftliche Insekten-Biologie 18:36. [#3426]
- Ermolev IV, Vasil'ev AA (2013) К фауне ксилофагов дуба черешчатого (*Quercus robur* L.) национального парка “Нечкинский”, р 35. In: VII Чтения памяти О. А. Катаева. Вредители и болезни древесных растений России/Материалы международной конференции, Санкт–Петербург, 25–27 ноября 2013 г./под ред. А. В. Селиховкина и Д. Л. Мусолина. – СПб.: СПбГЛТУ, 136 с. The Kataev memorial readings – VII. Pests and diseases of woody plants in Russia/Proceedings of the international conference. Saint Petersburg (Russia), 25–27 Nov 2013/ Selikhovkin AV, Musolin DL (eds) – Saint Petersburg (Russia): Saint Petersburg State Forest Technical University, 136 pp, (in Russian) [#9640]

- Escalera MM de la (1914) Los Coleópteros de Marruecos. Trabajos del Museo Nacional de Ciencias Naturales, Madrid, Serie Zoológica 11:1–553. [#814]
- Escherich K (1923) Die Forstinsekten Mitteleuropas. Ein Lehr- und Handbuch. Als Neuauflage von Judeich–Nitsche, Lehrbuch der mitteleuropäischen Forstinsektenkunde bearbeitet, Zweiter Band, Spezieller Teil, Erste Abteilung, XII + 662 pp. [#6717]
- Esser J (1998) Neue Käferfunde aus Berlin (Col.). Entomologische Nachrichten und Berichte 42(4):241–242. [#6316]
- Essig EO (1915) Injurious and beneficial insects of California, 2nd edn. Month Bull State Comm Horticult Supplement, lxxxi + 541 pp. [#9540]
- Everts E (1903) Coleoptera Neerlandica. De Schildvleugelige Insecten van Nederland en het Aangrenzend gebied. Tweede deel. 'Sgravenhage, Martinus Nijhoff, IV + 796 pp, 8 pls. [#6677]
- Fabricius JC (1775) Systema entomologiae, sistens insectorum classes, ordines, genera, species, adiectis synonymis, locis, descriptionibus, observationibus. Flensburgi et Lipsiae, Libraria Kortii, 31 + 832 pp. [#830]
- Fabricius JC (1781) Species insectorum, exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin adiectis observationibus, descriptionibus. Tom I, Hamburgi et Kilonii, Carol. Ernest. Bohnii, VIII + 552 pp. [#832]
- Fabricius JC (1792) Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species adiectis synonymis, locis, observationibus, descriptionibus. Tomus I, Pars II, Hafniae, Christ. Gottl. Proft. 538 pp. [#834]
- Fadl HH, Abo Ghalia AH, Shaumar N (1992) A revision of the family Buprestidae (Coleoptera) in Egypt. Tribes: Bubastini, Buprestini, Chrysobothrini and Agrilini. Ain Shams Sci Bull 30:285–313. [#4018]
- Fägerström C, Bygebjerg R, Jonasson T (2009) Agrilus cyanescens (Coleoptera: Buprestidae) funnen i Sverige: en art under invandring? Agrilus cyanescens (Coleoptera: Buprestidae) found in Sweden: a species expanding its range? Entomologisk Tidskrift 130:137–140, (in Swedish with English abstract) [#8843]
- Fairmaire L, Germain P (1858) Révision des Coléoptères du Chili. Ann Soc Entomol France 6(3):709–742. [#842]
- Fall HC (1894) Collecting in the Sierras of S. California. Entomol News 5:97–101. [#9376]
- Fall HC (1901) List of the Coleoptera of southern California with notes on habits and distribution and description of new species. Occasional Papers of the California Academy of Sciences VIII:1–282. [#8293]
- Fall HC (1907) New buprestid taxa, pp 233–235. In: Fall HC, Cockerell DA (eds) The Coleoptera of New Mexico. Trans Am Entomol Soc 33:145–272. [#9308]
- Fall HC (1925) New species of Coleoptera or recent discovery. Bull Brooklyn Entomol Soc 20:180–183. [#9190]
- Fassotte C (1997) Le bupreste du poirier, Agrilus sinuatus Ol. Journée d'étude consacrée à la pépinière ornementale, Wez–Velvain (Brunehaut), 02.10.1997, 13 pp. [#7365]
- Fassotte C (1999) Le bupreste du poirier, Agrilus sinuatus Olivier, un ravageur resurgent de nos cultures fruitières. Le Fruit Belge 478:45–50. [#7364]
- Fassotte C, Lateur M, Villette I, Cors R (2004) Le bupreste Agrilus sinuatus Ol., ravageur confirme en vergers de poiriers. Le Fruit Belge 512:181–187. [#7363]
- Faull JH (1936) Pathological studies on beech at the Arnold Arboretum. 2. Cankers caused by the twolined chestnut borer, Agrilus bilineatus. In: Proceedings of the twelfth national shade tree conference, September 1936, Boston, pp 21–27. [#7867]
- Favard P (1962) Contribution à l'étude de la faune entomologique du chêne vert en Provence. Thèses présentées à la Faculté des Sciences de l'Université d'Aix–Marseille, No d'Ordre: 107, 138 pp. [#9680]
- Favre E, Bugnion E (1890) Faune des Coléoptères du Valais et des régions limitrophes. Neue Denkschriften der Schweizerischen Gesellschaft für die Gesamten Naturwissenschaften, Imprimerie Zurcher & Furrer, Zurich, 31, XLIV + 448 pp. [#5593]



- Felt EP (1900a) Illustrated descriptive catalogue of some of the important injurious and beneficial insects of New York State. *Bulletin of the New York State Museum*, no. 37, 8:1–52. [#9754]
- Felt EP (1900b) 15th report of the state entomologist on injurious and other insects of the State of New York 1899. *Bulletin of the New York State Museum* 6(31):533–653. [#8214]
- Felt EP (1901) 16th report of the state entomologist on injurious and other insects of the State of New York. *Bulletin of the New York State Museum* 7(36):1007. [#8216]
- Felt EP (1905) Insects affecting park and woodland trees. *New York State Museum, Memoir* 8:1–459. [#8224]
- Felt EP (1915) 29th report of the state entomologist on injurious and other insects of the State of New York 1913. *New York State Museum. Museum bulletin* 175. *University of the State of New York Bulletin*, no. 589, pp 1–257. [#8234]
- Felt EP (1918) Key to American insect galls. *New York State Museum, Bulletin*, no. 200, 310 pp. [#9544]
- Felt EP, Rankin WH (1932) *Insects and diseases of ornamental trees and shrubs*. The Macmillan Company, New York, 507 pp. [#9677]
- Fiori A (1906) Descrizione di quattro specie dell' Emilia credute nuove. *Rivista Coleotterologica Italiana* 4:257–268. [#957]
- Fisher WS (1917) A new species of *Agrilus* from California. *Canadian Entomol* 49:287–288. [#961]
- Fisher WS (1918) A new species of *Agrilus* from Florida. *Proc Entomol Soc Washington* 20(4):67–68. [#962]
- Fisher WS (1922) Notes on *Agrilus lateralis* Say (Coleop.). *Proc Entomol Soc Washington* 24(5):124–125. [#968]
- Fisher WS (1928) A revision of the North American species of the buprestid beetles belonging to the genus *Agrilus*. *Bulletin of the United States National Museum* 145:1–347. [#980]
- Fisher WS (1929) New species of buprestid beetles from Costa Rica. In: *Proceedings of the United States National Museum*, no. 2803, 76(6):1–20. [#982]
- Fisher WS (1933) A new species of *Agrilus* from the Hawaiian Islands (Coleoptera: Buprestidae). *Proc Hawaiian Entomol Soc* 8(2):249–250. [#992]
- Fisher WS (1935) New species of Buprestidae from Java (Col.). *Treu ia* 15(1):27–48. [#995]
- Fisher WS (1938) New neotropical Buprestidae. *Sborník entomologického oddelení Národního Múzea v Praze* 16(158):111–145. [#998]
- Fisher WS, Nicolay AS (1928) Buprestidae, pp 355–365. In: Demarest LM (ed) *A list of the insects of New York, with a list of the spiders and certain other allied groups*. Cornell University Agricultural Experiment Station (1926), *Memoir* 101:1–1121, 1 map. [#9786]
- Fleischer HE (1896) *Der Käferfreund. Praktische Anleitung zum Sammeln und Bestimmen der Käfer*. W. Nitzschke, Stuttgart, 252 pp + 12 pls. [#9745]
- Fletcher TB (1917) Report of the proceedings of the second entomological meeting held at Pusa on 5–12 Feb 1917. Superintendent Government Printing, Calcutta, xii + 340 pp. [#9779]
- Fletcher TB (1920) Annotated list of Indian crop-pests, pp 33–314. In: Fletcher TB (ed) *Report of the proceedings of the third entomological meeting held at Pusa on 3–15 Feb 1919, in three volumes. Volume I*. Superintendent Government Printing, Calcutta, xii + 417 pp. [#9777]
- Floßmann S (2010) Interessante Funde von Bockkäfern and Prachtkäfern in Thüringen and anderen Bundesländern (Coleoptera: Cerambycidae, Buprestidae). *Thüringen Faunistische Abhandlungen* 15:149–162. [#9247]
- Formánek R (1900) Coleopterologische Notizen. *Wiener Entomologische Zeitung* 19:78. [#4674]
- Forster B, Engesser R (2003) Le dépérissement des hêtres dans le Nord Vaudois? *La Foret* 4:24–25. [#9656]
- Foster AP (1987) *Agrilus panonicus* (Piller & Mitterpacher) (Col. Buprestidae) and other noteworthy insects recorded from Hampstead Heath in 1984. *Entomol Record J Variation* 99(7–8):153–155. [#4240]
- Fournel HL, Géhin JJB (1846) Catalogue des Insectes Coléoptères des environs de Metz. *Bulletin de la Société d'Histoire Naturelle du Département de la Moselle* 3:69–128. [#4383]

- Franz H (1974) Die Nordost-Alpen im Spiegel ihrer Landtierwelt. Eine Gebietsmonographie. Umfassend: Fauna, Faunengeschichte, Lebensgemeinschaften und Beeinflussung der Tiere durch den Menschen. Band IV. Universitätsverlag Wagner, Innsbruck/München, 707 pp. [#4334]
- Fraser S (1924) American fruits: their propagation, cultivation, harvesting and distribution. Orange Judd Publishing Company/Kegan & Trench, New York/London, 15 + 894 pp. [#7343]
- Freude H, Witzgall K (1968) Koleopterologische Meldungen der Arbeitsgemeinschaft München. Nachrichtenblatt der Bayerischen Entomologen 17(5):73–77. [#9009]
- Frivaldszky JV (1877) Adatok Temes és Krassó megyék faunájához. Data ad faunam Hungariae meridionalis comitatum Temes et Krassó, pp 285–378. In: Szabó J (ed) Matematikai és Természettudományi Közlemények. Vonatkozólag a hazai viszonyokra. Kiadja a Magyar Tudományos Akadémia Matematikai és Természettudományi Állandó Bizottsága, Budapest, XIII. Kötet, 1875/6: 378 pp. (in Hungarian) [#3933]
- Froggatt WW (1902) Insects of the wattle trees. Agricultural Gazette of New South Wales 13(7):701–720. [#6709]
- Froggatt WW (1923) Forest insects of Australia. A. J. Kent, Government Printer, Sydney, VIII + 171 pp. [#6710]
- Froggatt WW (1927) Native insects and introduced trees. Aust Nat 7:12–14. [#6711]
- Frost CA (1912) New species of Coleoptera of the genus *Agrilus*. Canadian Entomol 44:245–252. [#5403]
- Frost CA (1915) June collecting in Maine. Canadian Entomol 47:141–145. [#9541]
- Frost CA (1916) Collecting notes and random observations on the Maine Coleoptera. Canadian Entomol 48:381–390. [#9542]
- Frost CA (1920) Notes on the Coleoptera with descriptions of new species. Canadian Entomol 52:249–253. [#9185]
- Frost CA (1923) New species of Buprestidae from the United States (Coleoptera). Canadian Entomol 55:279–281. [#9183]
- Frost CA (1924) *Agrilus viridis* in Massachusetts. Bull Brooklyn Entomol Soc 19:27. [#1030]
- Frost CA, Weiss HB (1920a) A bibliography of the literature on the described transformations and food plants of North American species of *Agrilus* (Col.). (Continued from page 210). Canadian Entomol 52:220–223. [#9782]
- Frost CA, Weiss HB (1920b) A bibliography of the literature on the described transformations and food plants of North American species of *Agrilus*. Canadian Entomol 52:204–210. [#8210]
- Frost CA, Weiss HB (1921) Additions to *Agrilus* bibliography. Canadian Entomol 53:72. [#9670]
- Fügener K (1891) Zum Verzeichnifs der deutschen Käfer. Deutsche Entomologische Zeitschrift 1891:199–203. [#3906]
- Fukutomi H (2006) Two new species of *Agrilus* (Coleoptera, Buprestidae, Agrilinae) from Okinawa-jima, Japan. Elytra 34(1):157–163. [#8597]
- Fukutomi H (2010) A new species of *Agrilus* (Coleoptera: Buprestidae: Agrilinae) from Honshu, Japan. Entomol Rev Japan 65(1):59–62. [#9301]
- Fukutomi H, Kurihara T (2011) Host plant record for *Agrilus auroapicalis ishigakianus* Toyama from Iriomotejima, Japan. Sayabane 1:27, (in Japanese) [#9193]
- Fürst HH (1902) Kauschinger's Lehre vom Waldschutz. Sechste Auflage, Paul Parey, Berlin, iv + 184 pp. [#8989]
- Fuss H (1861) Kleinere Mittheilungen. Sammelbericht. Berliner Entomologische Zeitschrift 5:187–188. [#8465]
- Galibert H (1932) Dix-huit années de chasse aux Coléoptères dans le Bassin de l'Agout (Tarn). Catalogue des espèces recueillies pendant cette période. Bulletin de la Société d'Histoire Naturelle de Toulouse 63:34–477. [#8312]
- Gao J-C, Ye C-M, Yu J-L, Pi Z-Q (2010) The biological characteristics of *Agrilus cyaneoniger melanopterus*. J Jilin Forest Sci Technol 39(3):12–15, (in Chinese with English subtitle and summary) [#9180]

- Gardner JCM (1929) Immature stages of Indian Coleoptera (6). *Indian Forest Record* 14(4):103–132. [#3263]
- Garg DO (1978) *Insect pests of citrus fruits*. Saraswati Printing Press, Nagpur, 176 + liv pp. [#9207]
- Garlick WG (1940) Notes on the rose stem girdler, *Agrilus communis rubicola* Abeille. *Canadian Entomol* 72:21–23 (Abstract in: *Rev Appl Entomol* 1940, A, 28:543). [#8683]
- Garman P (1921) The sinuate pear borer *Agrilus sinuatus* Olivier. Connecticut Experiment Station, *Bulletin* 226:193–196. [#6719]
- Gates M (2004) Notes on *Henryana magnifica* Yoshimoto and *Oodera* sp. *Chalcid Forum* 26:3. [#7136]
- Gates M, Gibson G (2004) Host association of Mymaromatidae. *Chalcid Forum* 26:12. [#7132]
- Gaudin L (1921) Captures de Coléoptères de France. *Bull Soc Entomol France* 1921:114–116. [#5404]
- Gavoy L (1907) Contribution a la faune entomologique du Tarn (Coléoptères). *Bulletin de la société d'études scientifiques de l'Aude* 18:251–290. [#9493]
- Gebhardt A von (1932) Daten zur Kenntnis der ökologischen Verhältnisse und der zoogeografischen Verbreitung der Buprestiden (Col.). *Entomologisk Tidskrift* 1932:196–201. [#6951]
- Géhin JJB (1860) Notes pour servir à l'histoire des insectes nuisibles dans le département de la Mosellé. Insectes qui vivent sur le poirier. Première partie. Coléoptères. *Bulletin de la Société d'Histoire Naturelle du Département de la Moselle* 8:57–159. [#3928]
- Geis KU (2003) Freiberger Strassenbäume – schutzwürdige Lebensräume bedrohter helzwohnender Ameisen- und Käferarten (Hymenoptera: Formicidae; Coleoptera: Trogositidae, Buprestidae, Colydiidae, Scarabaeidae, Cerambycidae). *Berichte der Naturforschenden Gesellschaft zu Freiburg im Breisgau* 93(2):99–118. [#6934]
- Geiser R (1979) 7. Bericht der Arbeitsgemeinschaft Bayerischer Entomologen. *Nachrichtenblatt der Bayerischen Entomologen* 28:33–44. [#9011]
- Geiser R (1982) 10. Bericht der Arbeitsgemeinschaft Bayerischer Entomologen. *Nachrichtenblatt der Bayerischen Entomologen* 31:33–47. [#9012]
- Gentry JW (1965) *Crop insects of Northeast Africa–Southwest Asia*. United States Department of Agriculture, *Agricultural handbook no. 273*, pp 1–210. [#8590]
- Geoffroy EL (1764) *Histoire abrégée des insectes, dans laquelle ces Animaux sont rangés suivant un ordre méthodique*. Tome premier. Durand, Paris, 523 pp, 10 pls. [#4455]
- Georghiou GP (1977) The insects and mites of Cyprus with emphasis on species of economic importance to agriculture, forestry, man, and domestic animals. *Kiphissia, Athens*, 347 pp. [#7381]
- Georgiev G, Ljubomirov T, Raikova M, Ivanov K, Sakalian VP (2004a) Insect inhabitants of old larval galleries of *Saperda populnea* (L.) (Coleoptera: Cerambycidae) in Bulgaria. *J Pest Sci* 77:235–243. [#6736]
- Georgiev G, Sakalian VP, Ivanov K, Boyadzhiev P (2004b) Insects reared from stems and branches of goat willow (*Salix caprea* L.) in Bulgaria. *J Pest Sci* 77:151–153. [#6731]
- Gerstaecker CEA (1863) Arthropoda, pp 1–414. In: Peters WCH, Carus JV, Gerstaecker CEA (eds) *Handbuch der Zoologie*. W. Engelmann, Leipzig, VIII + 642 pp. [#8950]
- Ghahari H, Bellamy CL (2012) A contribution to the knowledge of Buprestidae (Coleoptera) from Iran. *Wuyi Sci J* 28:40–47. [#9601]
- Ghahari H, Bellamy CL, Sakenin H, Petterson P (2008) A contribution to new records of Iranian Buprestidae (Coleoptera). *Munis Entomol Zool* 3(2):636–642. [#8160]
- Gibson A (1910) Reports on insects of the year. *Annual Report of the Entomological Society of Ontario* 40:9–16. [#5356]
- Gibson GAP (2010) *Calosota* Curtis (Hymenoptera, Chalcidoidea, Eupelmidae) – review of the New World and European fauna including revision of species from the West Indies and Central and North America. *Zookeys* 55:1–75. [#9249]
- Gillanders AT (1908) *Forest entomology*. W. Blackwood & Sons, Edinburg/London, xxii + 422 pp. [#9688]

- Glasgow H (1917) The sinuate pear borer in New York. *J Econ Entomol* 10:59–60. [#5366]
- Glasgow H (1934) The feeding habits of the sinuate pear borer in relation to control practices. New York State Agriculture Experiment Station, Bulletin 648:1–31. [#6720]
- Glover T (1869) The food and habits of beetles. In: Report of the commissioner of agriculture for the year 1868. United States Department of Agriculture, pp 78–117. [#5368]
- Gmelin JF (1790) *Caroli a Linné systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio decima tertia, aucta, reformata. Tom. I. Pars IV. Classis V. Insecta, Lipsiae, Georg Emanuel Beer, pp 1517–2224.* [#1087]
- Gninenko UI, Mozolevskaya EG, Baranchikov UN, Klukin MS, Urchenko GI (2012) Yasenevaya uzoktelaya izumrudnaya zlatka – vyvavlenie v lesakh evropeiskoi chasti Rosii. *Agrilus planipennis* Fairmaire – its identification in European Russia. Pushkino, VNIILM, 20 pp, (in Russian with English subtitle and summary) [#9726]
- Gobbi G (1968) Osservazioni su alcuni *Agrilus* (Coleoptera Buprestidae) dannosi ai Salici nei dintorni di Roma. *Bolletino dell'Associazione Romana di Entomologia* 23:2–4. [#1090]
- Gobbi G (1970) Contributo alla conoscenza dei Coleotteri Buprestidi d'Italia (Col. Buprestidae). *Bolletino dell'Associazione Romana di Entomologia* 25(2):35–45. [#1091]
- Gobbi G (1971) I Buprestidi dell'Appennino Lucano (Coleoptera Buprestidae). *Bolletino dell'Associazione Romana di Entomologia* 26(3–4):33–65. [#1092]
- Gobbi G (1973) Su alcuni Buprestidi del Lazio (Coleoptera Buprestidae). *Bolletino dell'Associazione Romana di Entomologia* 28(3–4):51–54. [#1093]
- Gobbi G (1974a) Note geonemiche ed ecologiche su alcuni Buprestidi italiani (Coleoptera Buprestidae). *Bolletino della Società entomologica italiana* 106:112–119. [#1095]
- Gobbi G (1974b) Il gruppo dell'*Agrilus roscidus* Kiesw. in Italia e descrizione di una nuova specie (Coleoptera, Buprestidae). *Fragmenta Entomologica, Roma* 9(4):253–262. [#1094]
- Gobbi G (1983) Interessanti reperti di Buprestidi italiani e diagnosi di *Anthaxia liae* n. sp. (Coleoptera, Buprestidae). *Bolletino dell'Associazione Romana di Entomologia* (1981) 36, 33–41. [#1098]
- Gobbi G (1986) Le piante ospiti dei Buprestidi Italiani. Primo quadro d'Insieme (Coleoptera, Buprestidae). *Fragmenta Entomologica, Roma* 19(1):169–265. [#1100]
- Gobbi G (2002) Su alcuni interessanti coleotteri xilofagi dell'Appennino centrale (Coleoptera, Buprestidae, Cerambycidae). *Bolletino dell'Associazione Romana di Entomologia* 57(1–4):27–31. [#6898]
- Gobert E (1878) Catalogue raisonné des Coléoptères des Landes. *Bulletin de la Société d'Histoire Naturelle de Toulouse* 12(55–73):84–93. [#5294]
- Goidanich A (1941) I rapporti fitopatologici dei Coleotteri Scolitidi con gli altri parassiti delle piante legnose e con le condizioni di vegetazione di queste. *Bolletino dell'Istituto di Entomologia della R Università di Bologna* 11:127–252. [#3261]
- Gory HL, Laporte de Castelnau FL (1839) *Histoire naturelle et iconographie des insectes coléoptères, publiée par monographies séparées. Suite aux buprestides. Tome II, Paris, P. Duménil, genera paged separately, (genera Agrilus to Cisseis).* [#3738]
- Göthe O (1893) Kleinere Mittheilungen. *Entomologische Nachrichten* 19:25–30. [#5375]
- Gottwald J (1968) Příspěvek k systematice a faunistice krasců Československa (Col., Buprestidae). Beitrag zur Systematik und Faunistik der Prachtkäfer aus der Tschechoslowakei (Col., Buprestidae). *Acta Entomol Bohemoslov* 65:325–329, (in Czech with German summary) [#1114]
- Gottwald S, Hornburg M (2004) Ein Wiederfund von *Buprestis haemorrhoidalis* Herbst, 1780 sowie weitere bemerkenswerte Prachtkäferfunde in Brandenburg und Berlin (Coleoptera: Buprestidae). *Märkische Entomologische Nachrichten, Potsdam* 6(2):47–54. [#7007]
- Goureaux CC (1843) Note pour servir à l'*Agrilus biguttatus*. *Ann Soc Entomol France* 1(2):23–30. [#4679]
- Goureaux CC (1867) Les insectes nuisibles aux forêts et aux arbres d'avenues. *Bulletin de la Société des sciences historiques et naturelles de l'Yonne, Extrait, 1er trimestre, 375 pp.* [#7946]

- Gourves J (2001) Les buprestes du Sahara marocain (Coleoptera, Buprestidae). *Revue de l'Association Roussillonnaise d'Entomologie* 10(3):65–70. [#6244]
- Graham SA, Knight FB (1965) Principles of forest entomology, 4th edn. McGraw–Hill Book Company, xii + 417 pp. [#9689]
- Grechkin VP (1951a) Akacievaya uzkotelaya zlatka – vreditel' zheltoi akacii. In: *Ocherki po biologii vrediteli lesa. Materialy k poznaniyu fauny i flory SSSR*, Moskva, Novaya seriya, Otdel zoologicheskii, 31, pp 123–127, (in Russian) [#8609]
- Grechkin VP (1951b) Drugie uzkotelye zlatki, obitayushchie na topolyakh. In: *Ocherki po biologii vrediteli lesa. Materialy k poznaniyu fauny i flory SSSR*, Moskva, Novaya seriya, Otdel zoologicheskii, 31, pp 68–74, (in Russian) [#8607]
- Grechkin VP (1951c) Zelenaya uzkotelaya zlatka i zabolevanie topolei. In: *Ocherki po biologii vrediteli lesa. Materialy k poznaniyu fauny i flory SSSR*, Moskva, Novaya seriya, Otdel zoologicheskii, 31, pp 51–67, (in Russian) [#8606]
- Grechkin VP (1956) Nekotorye glavneishie predstaviteli fauny vrednykh nasekomykh gornyykh lesov Tadzhikistana. *Zool Zhurnal* 35(10):1476–1492, (in Russian) [#7354]
- Grechkin VP (1957) Osnovnye stvolovye vrediteli prizemistogo vyaza v Mongolii. In: *tret'e soveshchaniye vsesoyuznogo entomologicheskogo obshchestva*. Tbilisi, 4–9 oktyabrya 1957 g. Tezisy dokladov. I, Moskva, Leningrad, Akademiya nauk SSSR, pp 133–135, (in Russian) [#8646]
- Grechkin VP, Voroncov AI (1962) Vrediteli i bolezni topolei i mery bor'by s nimi. *Goslesbumizdat*, Moskva, 150 pp, (in Russian) [#8242]
- Gredler V (1863) Die Käfer von Tirol nach ihrer horizontalen und vertikalen Verbreitung. 1. Hälfte: Cicindelidae–Dascillidae. Mit mehren diagnosirten Novitäten. Bozen, J Eberle IV + 234 pp. [#4680]
- Gredler V (1870) Zweite Nachlese zu den Käfern von Tirol. *Coleopterogische Hefte* 6:1–30. [#3945]
- Green S (1909) Popular fruit growing: prepared especially for beginners and as a text book for schools and colleges, 2nd edn. Webb Publishing Company, St. Paul, 299 pp. [#7344]
- Guérin Ménéville FE (1840) Nouvelles espèces de Buprestides découvertes par M. Perrotet aux Indes–Orientales et décrites par M. Guérin–Ménéville. *Revue Zoologique*, par la société cuvierienne, pp 327–330. [#1140]
- Gul H, Chaudhry MI (1980) Studies on the biology and control of shisham bark borer *Agrilus dalbergiae* (Buprestidae: Coleoptera). *Proc Pakistan Congress Zool* 1(B):333–338. [#4197]
- Gul H, Chaudhry MI (1983) Studies on the application of Dyar's rule to the larval stages of shisham bark borer *Agrilus dalbergiae* Thery (Buprestidae: Coleoptera). *Bull Zool* 1:27–31. [#5425]
- Gumovsky AV, Simutnik SA, Prokhorov AV (2013) Life–history review of *Oobius zahaikevitschi* Trjapitzin, 1963 (Hymenoptera, Encyrtidae), an egg parasitoid of jewel beetles (Coleoptera: Buprestidae). *Russ Entomol J* 22:181–188. [#9547]
- Guryeva EL (1974) Buprestidae – Zlatki, pp 96–112. In: *Kryzhanovskii OL (ed) Nasekomye i kleshchi – vrediteli sel'skokhozyaistvennykh kul'tur*. Tom II, zhestkokrylye. Nauka, Leningrad, 334 pp. [#5428]
- Gussakovkii VV (1949) Otryad Coleoptera. Zhestkokrylye ili zhuki, pp 57–109, 205–219, 281–297, 330–342. In: *Pavlovskii EN (ed) Vrednye zhivotnye Srednei Azii*. Izdatel'stvo AN SSSR, Moskva, Leningrad, 404 pp, (in Russian) [#7805]
- Gutowski JM (1993) *Agrilus bialowiezaensis* sp. n. from Poland (Coleoptera: Buprestidae). *Genus*, Wroclaw 4(4):295–302. [#3638]
- Gutowski JM (2004) *Agrilus pseudocyanus* Kiesenwetter, 1857, pp 109–110. In: *Polska czerwona ksiega zwierat. Bezkręgowce*. Polish red data book of animals. Invertebrates. Instytut Ochrony Przyrody, PAN. [#7384]
- Gutowski JM, Lugowoj J (2000) Buprestidae (Coleoptera) of the Białowieża primeval forest. *Polskie Pismo Entomologiczne* 69:279–318. [#4854]

- Gutowski JM, Milkowski M (2008) Bogatkowate (Coleoptera: Buprestidae) Puszczy Kozienskiej. Buprestidae (Coleoptera) of the Kozienska forest. Parki narodowe i Rezerwaty Przyrody 27(2):49–85, (in Polish with English subtitle and abstract) [#8244]
- Gutowski JM, Szwalko P (1990) Nowe stanowiska *Agrilus derasofasciatus* Lacord. (Coleoptera, Buprestidae) w Polsce oraz uwagi o jego występowaniu. New records of *Agrilus derasofasciatus* Lacord. (Coleoptera, Buprestidae) with remarks on its occurrence in Poland. Wiadomosci Entomologiczne, Poznan 9(3–4):89–90, (in Polish with English subtitle) [#4215]
- Gutowski JM, Wanat M (2002) *Agrilus guerini* Lacordaire in Boisduval et Lacordaire, 1835 (Coleoptera: Buprestidae) – gatunek nowy dla fauny Polski. *Agrilus guerini* Lacordaire in Boisduval et Lacordaire, 1835 (Coleoptera: Buprestidae) – a species new to the Polish fauna. Wiadomosci Entomologiczne, Poznan 20(3–4):131–136, (in Polish with English summary) [#5799]
- Haack RA, Acciavatti RE (1992) Twolined chestnut borer. Forest Insects & Disease, US Department of Agriculture Forest Service Leaflet 168:1–11. [#5606]
- Haack RA, Benjamin DM (1982) The biology and ecology of the twolined chestnut borer, *Agrilus bilineatus* (Coleoptera: Buprestidae), on oaks, *Quercus* spp., in Wisconsin. Canadian Entomol 114(5):385–396. [#5440]
- Haack RA, Jendek E, Liu Houping, Marchant KR, Petrice TR, Poland TM, Ye H (2002) The emerald ash borer: a new exotic pest in North America. Newslett Michigan Entomol Soc 47(3–4):1–5. [#5632]
- Haack RA, Petrice TR, Zablotny J (2009) First report of the European oak borer, *Agrilus sulcicollis* (Coleoptera, Buprestidae) in the United States. Great Lakes Entomol 42:1–7. [#8894]
- Haavik LJ, Coleman TW, Flint ML, Venette RC, Seybold SJ (2013) *Agrilus auroguttatus* (Coleoptera: Buprestidae) seasonal development within *Quercus agrifolia* (Fagales: Fagaceae) in Southern California. Ann Entomol Soc Am 106:189–197. [#9703]
- Hackett DS (1995) *Agrilus sinuatus* Olivier (Buprestidae) widespread in London. Coleopterist 4(2):59–60. [#6346]
- Halbherr B (1894) Elenco sistematico dei coleotteri finora raccolti in valle Lagarina. Buprestidae–Eucnemidae–Elateridae–Dascillidae–Cantharidae. Fascicolo VI. XXV.a Pubblicazione fatta per cura del Museo civico di Rovereto. Rovereto, Tipografia Roveretana (Ditta V. Sottocchia). [#1153]
- Haldeman SS (1847) The *Agrilus ruficollis*. Trans New York State Agric Soc 1946(6):374. [#9361]
- Halperin J, Argaman Q (2000) Annotated list of Buprestidae (Col.) and their host plants of Israel. Zool Middle East 20:99–116. [#5124]
- Hansen V (1964) Fortegnelse over Danmarks biller (Coleoptera). Entomologiske Meddelelser 33:1–506. [#7731]
- Hansen JA, Petrice TR, Haack RA (2011) New state distribution and host records of North American Buprestidae (Coleoptera). Great Lakes Entomol 44:74–77. [#9158]
- Hansen JA, Basham JP, Oliver JB, Youseef NN, Klingeman WE, Moulton JK, Fare DC (2012) New state and host plant records for metallic woodboring beetles (Coleoptera: Buprestidae) in Tennessee, U.S.A. Coleopterists Bull 66:337–343. [#9388]
- Hardy G (1927) Buprestidae of Vancouver Island. (Preliminary annotated list). In: Report of the Provincial Museum of Natural History for the year 1926. Province of British Columbia, Victoria, Ch. F. Banfield, pp 32–34. [#9552]
- Hardy G (1948) Some beetles of the families Cerambycidae and Buprestidae, from Manning Park, British Columbia. J Entomol Soc Br Colum 44:4 pp. [#5266]
- Harrington WH (1885) Notes of a june ramble. Annual Report of the Entomological Society of Ontario 15:30–32. [#5468]
- Harrington WH (1897) Some beetles occuring upon beech. Annual Report of the Entomological Society of Ontario 27:69–75. [#5472]

- Hastir P, Gaspar C (2002) Les “richards” (Coleoptera, Buprestidae) de la faune de Belgique: éthologie, phénologie, classification et systématique. Notes faunistiques de Gembloux 47:3–39. [#6211]
- Havelka J (1964) Příspěvek k poznání Coleopter Slovenska. 1. část (Doplňky k Roubalovu katalogu Coleopter). Beitrag zur Kenntnis der Coleopteren der Slowakei. 1. Teil (Nachträge zum Katalog Coleopter von J. Roubal). Acta rerum naturalium musei nationalis Slovaci, Bratislava, 10:66–123, (in Czech) [#3433]
- Hawkeswood TJ (1981) Observations on two sympatric species of Buprestidae (Coleoptera) from sand dunes on the north coast of New South Wales. Victorian Nat 98:146–151. [#1181]
- Hawkeswood TJ (1992) Review of the biology and host plants of the Australian jewel beetle *Agrilus australasiae* Laporte & Gory. Spixiana 15(1):81–87. [#1190]
- Hawkeswood TJ (2002) A review of the biology and host plants of Australian Buprestidae (Coleoptera) known to breed in Eucalyptus species (Myrtaceae). J Entomol Res Soc 4(2):31–58. [#6228]
- Hawkeswood TJ, Peterson M (1982a) A review of larval host records for Australian jewel beetles (Coleoptera: Buprestidae). Victorian Nat 99:240–251. [#9696]
- Hawkeswood TJ, Peterson M (1982b) A review of larval host records for Australian jewel beetles (Coleoptera: Buprestidae). Victorian Nat 99:240–251. [#1182]
- Hawkeswood TJ, Turner JR (1994) A note on the biology and behaviour of *Agrilus occipitalis* Eschscholtz (Coleoptera: Buprestidae) in Papua New Guinea. Jewel Beetles 3:14–18. [#1175]
- Heal NF (1994) *Agrilus sinuatus* Olivier (Buprestidae) – summary of Kentish records. Coleopterist 3(1):22–23. [#4281]
- Hedgren O (2009) Inventering av rönnpraktbagge *Agrilus mendax* Mannerheim med hjälp avnagspår. Search for the rare buprestid beetle *Agrilus mendax* Mannerheim by its larval feeding marks. Entomologisk Tidskrift 130:1–9, (in Swedish with English subtitle and summary) [#8866]
- Heering H (1956a) Zur Biologie, Ökologie und zum Massenwechsel des Buchenprachtkäfers (*Agrilus viridis* L.). I. Teil. Zeitschrift für angewandte Entomologie 38(3):249–287. [#3716]
- Heering H (1956b) Zur Biologie, Ökologie und zum Massenwechsel des Buchenpracht-Käfers (*Agrilus viridis* L.). II. Teil. Zeitschrift für angewandte Entomologie 39(1):76–114. [#1195]
- Hellrigl KG (1974) Die Prachtkäfer (Col. Buprest.) Südtirols. Koleopterologische Rundschau 51:56–79. [#1207]
- Hellrigl KG (1975a) Ergänzungen und Berichtigungen zur Prachtkäferfauna Südtirols. Addenda. Stampato in proprio, Bressanone, 3 pp. [#1208]
- Hellrigl KG (1975b) II. Ergänzung zur Prachtkäferfauna Südtirols. Addenda II. Stampato in proprio, 1 pp. [#1209]
- Hellrigl KG (1978) Ökologie und Brutpflanzen europäischer Prachtkäfer (Col., Buprestidae). Teil 2. Zeitschrift für angewandte Entomologie 85(3):253–275. [#3442]
- Herbst JFW (1801) Natursystem aller bekannten in- und ausländischen Insekten, als eine Fortsetzung der Büffonschen Naturgeschichte. Der Käfer. Neunter Theil. Berlin, Buchhandlung des Geh. Commerzien-Raths Bauti, 344 pp. [#1216]
- Herns D, McCullough DG (2014) Emerald ash borer invasion of North America: history, biology, ecology, impacts, and management. Annu Rev Entomol 59:13–30. [#9765]
- Herns DA, Stone AK, Chatfield JA (2003) Emerald ash borer: the beginning of the end of ash in North America? pp 2–10. In: Bennett P, Bloetscher B, Boggs J, Chatfield J, Draper E, Dyke D, Gao G, Goerig D, Malinich T, Martin J, Sherratt AS, Young C (eds) Special emerald ash borer issue. Buckeye yard and garden line (BYGL) 2003. The Ohio State University, Extension. [#6801]
- Hespenheide HA (1968) An immigrant *Agrilus* (Coleoptera: Buprestidae). Entomol News 79(3):76–80. [#1233]
- Hespenheide HA (1969) Larval feeding site of species of *Agrilus* (Coleoptera) using a common host plant. Oikos 20:558–561. [#1234]

- Hespenheide HA (1973) Notes on the ecology, distribution, and taxonomy of certain Buprestidae. *Coleopterists Bull* 27(4):183–186. [#1220]
- Hespenheide HA (1974) An *Agrilus* new to the United States (Coleoptera: Buprestidae). *Coleopterists Bull* 28(2):73–75. [#1222]
- Hespenheide HA (1976) Patterns in the use of single plant hosts by wood-boring beetles. *Oikos* 27:161–164. [#1224]
- Hespenheide HA (1979a) A new name and distribution records for *Agrilus* (Coleoptera, Buprestidae). *Coleopterists Bull* 33(4):479–480. [#3447]
- Hespenheide HA (1979b) Nomenclatural notes on the Agrilinae (Buprestidae). IV. *Coleopterists Bull* 33(1):105–120. [#1225]
- Hespenheide HA (1983) *Agrilus xanthonotus* (yellow-spotted bytneria borer), pp 681–682. In: Janzen DH (ed) *Costa Rican natural history*. University of Chicago Press, Chicago, i–xi, 816 pp. [#4191]
- Hespenheide HA (1990) Buprestidae of the subfamilies Agrilinae, and Trachyinae from the Chamela Biological Station, Jalisco. *Folia Entomologica Mexicana* (1988–1989) 77:141–210. [#1229]
- Hespenheide HA (2007) The identity of *Agrilus impexus* Horn, a new species, and taxonomic notes and records for other *Agrilus* Curtis species (Coleoptera: Buprestidae). *Zootaxa* 1617:57–66. [#8005]
- Hespenheide HA (2008a) New taxa, pp 1–20. In: Westcott R, Hespenheide HA, Romero JN, Solorio AB, Bellamy CL, Equihua AM (eds) *The Buprestidae (Coleoptera) of Morelos, Mexico, with description of six new species, and a partially annotated checklist*. *Zootaxa* 1830:1–20. [#9317]
- Hespenheide HA (2008b) New *Agrilus* Curtis species from mistletoe in México (Coleoptera: Buprestidae). *Zootaxa* 1879:52–56. [#8195]
- Hespenheide HA (2009) New taxa, pp 50–68. In: Hespenheide HA, Bellamy CL (eds) *New species, taxonomic notes, and records for Agrilus Curtis (Coleoptera: Buprestidae) of México and the United States*. *Zootaxa* 2084:50–68. [#9314]
- Hespenheide HA (2010) New *Agrilus* Curtis (Coleoptera: Buprestidae) from México and Costa Rica mimicking parasitic wasps. *Zootaxa* 2545:39–46. [#8908]
- Hespenheide HA (2012) New Mexican and Central American species of *Agrilus* Curtis (Coleoptera: Buprestidae) mimetic of flies. *Zootaxa* 3181:1–27. [#9272]
- Hespenheide HA, Westcott RL (2011) New taxa, pp 36–56. In: Hespenheide HA, Westcott RL, Bellamy CL (eds) *Agrilus Curtis (Coleoptera: Buprestidae) of the Baja California peninsula, México*. *Zootaxa* 2805:36–56. [#9316]
- Hespenheide HA, Westcott RL, Bellamy CL (2011) *Agrilus* Curtis (Coleoptera: Buprestidae) of the Baja California peninsula, México. *Zootaxa* 2805:36–56. [#9050]
- Heß R (1900) *Der Forstschutz. Dritte vermehrte und verbesserte Auflage. Zweiter Band. Der Schutz gegen Laubholzinsekten, Vorfünträuter, Pilze, atomosphärische Einwirkungen und außerordentliche Naturereignisse*. V. B. Teubner, Leipzig, XXXII + 608 pp. [#8936]
- Heyden LFJD von (1863) *Beitrag zur Coleopterenfauna des Ober-Engadins, insbesondere der Umgegend von St. Moriz. Jahresbericht der Naturforschenden Gesellschaft Graubünden*, (N. F.), 8:1–52. [#8478]
- Heyden LFJD von (1877a) *Die Käfer von Nassau und Frankfurt*. J. Niedner, Wiesbaden, pp 57–412. [#5716]
- Heyden LFJD von (1877b) *Die Käfer von Nassau und Frankfurt*. *Jahrbücher des Nassauischen Vereins für Naturkunde* (1876–1877) 29–30:55–412. [#8479]
- Heyden LFJD von (1897) *Die deutschen und österreichischen Arten der Buprestiden-Gattung Agrilus (nach Abeille de Perrin's Tabelle)*. *Deutsche Entomologische Zeitschrift* 1897:193–196. [#5286]
- Heyden LFJD von (1904) *Die Käfer von Nassau und Frankfurt*. II. Auflage, *Neues Hauptverzeichnis auf Grund der I. Auflage 1877 und der Nachträge I–VIII 1879–1900 von Heyden und Buddeberg*. Druck von Gebrüder Knauer, Frankfurt, 425 pp. [#5717]



- Heyrovsky L (1961) K bionomii a rozšíření československých krasců (Col., Buprestidae). Zur Bionomie und Verbreitung der Buprestiden der Tschechoslowakischen Republik. Acta musei Silesiae, Opava, Ser A 10:127–130, (in Czech with German summary) [#3449]
- Hielscher K, Bäucker E (2008) Neuigkeiten zur Habitatwahl des Zweifleckigen Eichenprachtkäfers (*Agrilus biguttatus* (Fabricius, 1777) Coleoptera, Buprestidae). Entomologische Nachrichten und Berichte 52:223. [#8582]
- Hill DS (2008) Pests of crops in warmer climates and their control. Springer, 704 pp. [#8600]
- Hilszczanski J, Sierpinski A (2006) *Agrilus* spp. the main factor of oak decline in Poland. In: IUFRO Working Party 7.03.10, Proceedings of the workshop 2006, Gmunden, pp 121–125. [#8567]
- Hochhuth IH (1873) Enumeration der in den russischen Gouvernements Kiew und Volhynien bisher aufgefundenen Käfer. Bulletin de la Société Impériale des Naturalistes de Moscou 46:124–164. [#3453]
- Hodge PJ (2010) *Agrilus cuprescens* (Ménétriés, 1832) and *A. cyanescens* Ratzeburg, 1837 (Buprestidae) established in Britain. Coleopterist 18:85–88. [#8973]
- Hodges D (2006) *Agrilus viridis* (Linnaeus) (Buprestidae) new to Hertfordshire. Coleopterist 15:105–106. [#9212]
- Hoebcke RE (1980) A buprestid beetle (*Agrilus derasofasciatus*) – New York – New county record. United States Department of Agriculture, Cooperative Plant Pest report, 5(33):627. [#8287]
- Hoebcke RE, Wheeler AG (2011) *Agrilus subrobustus* Saunders (Coleoptera: Buprestidae): new southeastern U.S. records of an Asian immigrant on Mimosa, *Albizia julibrissin* (Fabaceae). Proc Entomol Soc Washington 113:315–324. [#9157]
- Hoffer A (1933) První příspěvek ku poznání československých krasců. Sborník Přírodovědeckého klubu v Brně (1932) 15:1–6, (in Czech with German summary) [#3454]
- Holsten EH, Werner RA, Laurent TH (1980) Insect and diseases of Alaskan forests. U.S. Government Printing Office, Washington, ix + 187 pp. [#9684]
- Holsten EH, Hennon PE, Werner RA (1985) Insect and diseases of Alaskan forests. U.S. Government Printing Office, vi + 217 pp. [#9685]
- Holsten EH, Hennon PE, Trummer L, Schultz M (2001) Insect and diseases of Alaskan forests, USDA, 242 pp. [#9686]
- Hopkins AD (1892) Some bred West Virginia Braconidae. Insect Life 4:256–259. [#5576]
- Hopkins AD (1893) Catalogue of West Virginia forest and shade tree insects. West Virginia Agricultural Experiment Station, bulletin no. 32, pp 171–251. [#5577]
- Hopkins AD (1894) Notes on some discoveries and observations of the year in West Virginia. Insect Life 7:145–153, 198. [#5578]
- Hopkins AD (1895) Untitled note. Proc Entomol Soc Washington 3:82–83. [#5580]
- Hopkins AD (1896a) Some notes on insect enemies of trees. Canadian Entomol 28:243–250. [#5581]
- Hopkins AD (1896b) Insect enemies of trees. In: Proceedings of the Association of Economic Entomologists. Entomol News 7:307–308. [#5582]
- Hopkins AD (1904) Catalogue of exhibits of insect enemies of forest and forest product at the Louisiana purchase exposition, St. Louis. United States Department of Agriculture, Division of Entomology, bulletin no. 48, pp 1–56. [#5587]
- Hopkins AD (1907) Untitled note. Proc Entomol Soc Washington 8:99. [#5589]
- Hopkins AD (1916) Current notes. J Econ Entomol 9:318–324. [#5590]
- Horion A (1955) Faunistik der mitteleuropäischen Käfer. Sternoxia (Buprestidae), Fossipedes, Macroductylia, Brachymera. Entomologische Arbeiten aus dem Museum G. Frey, Band 4, XXI + 280 pp, 7 pl. [#1285]
- Horn GH (1891) The species of *Agrilus* of Boreal America. Trans Am Entomol Soc 18:277–366, pl. VIII. [#4177]
- Houser JS (1918) Destructive insects affecting Ohio shade and forest trees. Ohio Agriculture Experiment Station, Bulletin 332:161–487. [#5656]

- Hua Li Zhong (2002) List of Chinese insects, vol II. Zhongshan (Sun Yat-sen) University Press, Guangzhou, 612 pp. [#6696]
- Hubenthal W (1902) Ergänzungen zur Thüringer Käferfauna. Deutsche Entomologische Zeitschrift 1902:257–300. [#8530]
- Husson R, Stauder F, Daum J (1952) Sur la présence d'*Agrilus Viridis* L. (Coleoptera, Buprestidae) dans les forêts de la Sarre. Ann Univ Saraviensis Wissenschaft. Jg, 1952, pp 250–255. [#7085]
- Hutchings CB (1923) Some notes on the biology of two buprestids infesting blackberry and hazel. *Agrilus ruficollis* and *A. politus*. Annual Report of the Entomological Society of Ontario 53:43–46. [#5406]
- Issen G (1942) Neue und interessante Insektenfunde aus dem Faunengebiet Südbayerns. Koleopt. Ergänzungen und Bemerkungen zu Band III. der Fauna Germanica von Reitter. (Beiträge zur Kenntnis der Fauna Südbayerns. Fortsetzung). Mitteilungen der Münchener Entomologischen Gesellschaft 32:715–722. [#8488]
- Il'inskij AI (1948) Opredelitel' yaicekladok lichinok i kukolok nasekomykh, vrednykh v lesnom khozyaistve. Moskva–Leningrad, Gosudarstvennoe lesotekhnicheskoe izdatel'stvo, 336 pp, (in Russian) [#5670]
- Il'inskij AI (1962) Opredelitel' vreditelei lesa. Izdatel'stvo sel'skokhozyaistvennoi literatury, Moskva, 392 pp, (in Russian) [#8685]
- Isrigaya T (1963) On the occurrence and control of citrus flat-headed borer [*Agrilus auriventris*] in Wakayama Prefecture. Plant Protection 17(9):351–355, (in Japanese) [#7016]
- Ives WGH, Wong HR (1988) Tree and shrub insects of the prairie provinces. Information report NOR–X–292. Northern Forestry Centre, Canadian Forestry Service, xii + 327 pp. [#9678]
- Ivliev LA, Kononov DG (1966) Zlatki (Buprestidae) Magadanskoj oblasti i Kamchatki, pp 97–111. In: Soboleva RG, Ivliev LA (eds) Ėntomofauna lesov Kuril'skikh ostrovov, poluostrova Kamchatki, Magadanskoj oblasti. Nauka, Moskva/Leningrad, 138 + 2 pp, (in Russian) [#8089]
- Izhevskiy SS, Mozolevskaya EG (2008) Изумрудная узкотелая златка (*Agrilus planipennis* Fairmaire) на Московских ясенях. *Agrilus planipennis* Fairmaire on Moscow ash trees. Rossiiskii Zhurnal Biologicheskikh Invazii 1:20–25, (in Russian with English subtitle and summary) [#9637]
- Izzillo F (2013) Dati inediti sulla presenza di alcune interessanti specie di Buprestidi in Campania, Puglia e Basilicata (Insecta Coleoptera Buprestidae). Quaderno di Studi e Notizie di Storia Naturale della Romagna 37:221–228. [#9471]
- Izzillo F, Liberto A, Baiocchi D, Crovato P (2002) Buprestis humeralis nuovo per l'Italia ed altri interessanti reperti di Buprestidi dalle regioni centro Meridionali e Sardegna (Coleoptera, Buprestidae). Bolletino dell'Associazione Romana di Entomologia 57(1–4):11–25. [#6897]
- Jackman JA (1987) A new species of *Sambus* from Luzon Island, Philippines, with notes on other species in other genera (Buprestidae: Coleoptera). Coleopterists Bull 41(1):27–33. [#1316]
- Jacquot C (1950) Des relation entre les attaques d'*Agrilus biguttatus* Fab. et certains cas de dépérissement des chênes. Revue de Pathologie végétale et d'Entomologie agricole de France 29(4):171–182. [#9616]
- Jacquot C (1976) Tumors caused by *Agrilus biguttatus* Fab. attacks on the stems of oak trees. Marcellia 39(1):61–67. [#5679]
- Jäger G (1884) C. G. Calwers Käferbuch. Naturgeschichte der Käfer Europas. Zum Handgebraucher für Sammler. Vierte Auflage mit 2 schwarzen und 48 kolorierten Tafeln. J. Hoffmann, Stuttgart, 2 + LVI + 667 + 1 p. [#5594]
- James TJ (1994) *Agrilus sulcicollis* Lacordaire (Buprestidae): a jewel beetle new to Britain. Coleopterist 3(2):33–35. [#4280]
- Jancke O (1949) Der Birnprachtkäfer (*Agrilus sinuatus* Oliv., Buprestidae). Anzeiger für Schädlingskunde, Berlin/Hamburg 22(4):51–57. [#3619]

- Jaubert JB (1858) Catalogue des Coléoptères du département du Var. Bulletin de la Société d'Études Scientifiques et Archéologiques de la Ville de Draguignan, 2:74–91, 153–164, 203–222, 349–358, 388–393. [#1351]
- Jendek E (1995) Taxonomical notes on the *Agrilus betuleti* species group with description of two new species (Coleoptera: Buprestidae). Koleopterologische Rundschau 65:171–178. [#3767]
- Jendek E (2000) Revision of the *Agrilus cyaneoniger* species group (Coleoptera: Buprestidae). Entomological Problems, Bratislava 31(2):187–193. [#4852]
- Jendek E (2001) Revision of the *Agrilus plasoni* species group (Coleoptera: Buprestidae). Zootaxa 13:1–11. [#5211]
- Jendek E (2003) Revision of *Agrilus cuprescens* (Ménétriés, 1832) and related species (Coleoptera: Buprestidae). Zootaxa 317:1–22. [#5878]
- Jendek E (2007) Nineteen new *Agrilus* species from the Palaearctic and Oriental regions (Coleoptera: Buprestidae: Agrilinae). Entomological Problems, Bratislava 37(1–2):31–43. [#8006]
- Jendek E (2011) New taxonomic and nomenclatural acts, pp 19–269. In: Jendek E, Grebennikov V. *Agrilus* (Coleoptera, Buprestidae) of East Asia. Jan Farkač, Prague, 362 pp. [#9304]
- Jendek E (2013a) *Agrilus schwerdtfegeri* Schwerdtfeger, the first proven *Agrilus* developing in conifer, with an analysis of authorship and synonymy. Studies and Reports, Prague, Taxonomical series 9(2):473–476. [#9482]
- Jendek E (2013b) Revision of the *Agrilus spectabilis* species-group (Coleoptera: Buprestidae: Agrilinae). Studies and Reports, Prague, Taxonomical series 9(1):101–126. [#9342]
- Jendek E (2013c) Revision of the *Agrilus occipitalis* species-group (Coleoptera, Buprestidae, Agrilini). Zookeys 256:35–79. [#9278]
- Jendek E, Grebennikov V (2009a) Revision of the *Agrilus cyanescens* species-group (Coleoptera: Buprestidae) with description of three new species from the east Palaearctic region. Zootaxa 2139:43–60. [#8561]
- Jendek E, Grebennikov V (2009b) Revision of the *Agrilus muscarius* species-group (Coleoptera: Buprestidae) with description of thirteen new species from Palaearctic and Oriental regions. Zootaxa 2168:1–33. [#8563]
- Jendek E, Grebennikov V (2011) *Agrilus* (Coleoptera, Buprestidae) of East Asia. Prague, Jan Farkač, 362 pp. [#8765]
- Ji Ying, Ji Rong, Huang Ren Xin (2004) Invasive species –*Agrilus Mali* Matsumura and Damage in Xinjiang. Xinjiang Agric Sci 41(1):31–33, (in Chinese with English subtitle) [#7326]
- Johnson HL (1916) Additions to the Coleoptera of Meriden, Connecticut. Entomol News 27(3):112–124. [#9785]
- Johnson DT, Mayes RL (1989) Biology and control of the rednecked cane borer, *Agrilus ruficollis* (F.) (Coleoptera: Buprestidae), on blackberries in Arkansas. J Entomol Sci 24(2):204–208. [#4231]
- Jones RA (1996) Some observations on *Agrilus sinuatus* (Ol.) and *A. panonicus* (Pill. & Mitt.) in south-east London. Br J Entomol Nat Hist 9(2):101–102. [#4273]
- Judeich JF, Nitsche H (1889) Lehrbuch der Mitteleuropäischen Forstinsektenkunde mit einem Anhänge : Die forstschädlichen Wirbelthiere. Als achte Aulage von von Dr. J. T. C. Ratzeburg: Die Waldverderber und ihre Feinde. II. Abtheilung. Eduard Hölzel, Wien, pp 265–623. [#5686]
- Judeich JF, Nitsche H (1895) Lehrbuch der Mitteleuropäischen Forstinsektenkunde. Als achte Aulage von von Dr. J. T. C. Ratzeburg: Die Waldverderber und ihre Feinde in vollständiger Umarbeitung herausgegeben. Band I, Ratzeburgs Leben. Einleitung. Gerad- und Netzflügler, K]fer und Hautflügler. Paul Parey, Berlin, XXII + 736 pp. [#8987]
- Jung H (1896) Verzeichnis der in der Umgebung Arnstadts vorkommenden Käfer. Zweiter Theil. Beilage zum Osterprogramm der Fürstlichen Realschule zu Arnstadt. Bussjaeger, Arnstadt, pp 49–104. [#9746]
- Kaděra M (1986) Natural and anthropogenic effects in populations of buprestids (Coleoptera) in the Kováčovské Kopce hills –Souths national nature reserve, Czechoslovakia. Acta rerum naturalium musei nationalis Slovaci, Bratislava 32:171–175. [#5631]

- Kadlubowski W (1957) Z obserwacji nad bogatkiem *Agrilus subauratus* Gebl. Some observation on the *Agrilus subauratus* Gebl. Roczniki wyzszej szkoły rolniczej, Poznań 1:17–20, (in Polish with English and Russian subtitle and summary) [#7202]
- Kadyrbekov RH, Tleppaeva AM (2004) Faunisticheskii obzor zhukov–ksilofagov (Coleoptera: Buprestidae, Cerambycidae) Kazakhstanskoi chasti Priaral'skogo regiona. Izvestiya Ministerstva Obrazovaniya i Nauki Respubliki Kazakhstan, Seriya Biologicheskaya i Meditsinskaya 5:37–43, (in Russian with English summary) [#7277]
- Kadyrbekov RH, Tleppaeva AM, Childebaev MK (2003) K faune zhukov–drovosekov (Cerambycidae) i zlatok (Buprestidae) nacional'nogo prirodnogo parka “Burabai”. Izvestiya Ministerstva Obrazovaniya i Nauki Respubliki Kazakhstan, Seriya Biologicheskaya i Meditsinskaya 6:34–42, (in Russian with English summary) [#7318]
- Kadyrov AK (1973a) Puti i sposoby formirovaniya vrednoi èntomofauny zelenykh nasazhdenii v Tadjhikistane. In: Fauna i èkologiya chlenistonogikh Tadjhikistana. Tadjhikistanskii gosuniversitet, Dushanbe, pp 65–75, (in Russian) [#8632]
- Kadyrov AK (1973b) Materialy k izucheniyu vrednoi èntomofauny zelenykh nasazhdenii g. Dushanbe i poselkov yugo–zapadnogo Tadjhikistana. In: Fauna i èkologiya chlenistonogikh Tadjhikistana. Tadjhikistanskii gosuniversitet, Dushanbe, pp 50–65, (in Russian) [#8631]
- Kadyrov AK (1976) Materialy k faune zhukov–zlatok (Coleoptera, Buprestidae) yugo–zapadnogo Tadjhikistana. Izvestiya akademii nauk Tadjhikskoi SSR, Otdelenie biologicheskikh nauk 2(63):45–52, (in Russian) [#3461]
- Kailidis D (1970) Das Pappelinsektenproblem in Griechenland. Anzeiger für Schädlingkunde, Berlin/Hamburg 43:167–171. [#9603]
- Kalashian MY (1984) Vidy parazitov Armianskikh zlatok (Coleoptera, Buprestidae). Biologicheskii zhurnal Armenii, Erevan 37(11):986–987, (in Russian) [#1364]
- Kalashian MY (1985) Redkie, maloizvestnye i novye dlya Armenii vidy zhukov–zlatok (Coleoptera, Buprestidae). Biologicheskii zhurnal Armenii, Erevan 38(8):718–720, (in Russian) [#1366]
- Kalenov GS, Mamaev BM, Yagdyev A (1980) Stvolovyye nasekomye osnovnykh rastenii peschanogo massiva Dzhillikum (Central'nye Karakumy). Trunk insects of main plants of Djillikum Sand Massive (The Central Karakums). Problemy osvoyeniya pustyn' 1:64–69, (in Russian with English summary) [#5848]
- Kalshoven LGE (1951) De plagen van de cultuurgewassen in Indonesië. Deel. II, Van Hoeve's Bandoeng, 1 p + 513–1065 pp + 8 col. pls, 281 figs, (in Dutch with English translation of the text for illustrations) [#3718]
- Kaltenbach JH (1874) Die Pflanzenfeinde aus der Klasse der Insekten. J. Hoffmann, Stuttgart, 848 pp [#8154]
- Kamp HJ (1951) Der Buchenprachtkäfer (*Agrilus viridis*) unde seine Bekämpfung. Allgemeine Forstzeitschrift, München, 6(43):423–424. [#8684]
- Kamp HJ (1952) Zur Biologie, Epidemiologie und Bekämpfung des Buchenprachtkäfers (*Agrilus viridis* L.). Mitteilungen der Württembergischen Forstlichen Versuchsanstalt 9(1):1–40. [#8404]
- Kamp HJ (1954) Der Eichenprachtkäfer und seine Bekämpfung. Holz-Zentralblatt, Stuttgart 80(96):1141. [#9724]
- Kanat M, Akbulut S (2005) Determination of some pest insect species damaging oak forests in the southeast Anatolia region (Kahramanmaraş) of Turkey. KSÜ Fen ve Mühendislik Dergisi 8(2):70–73. [#9653]
- Kangas E (1942a) Forstentomologische Studien an der Aspe. Annales Entomologici Fennici 8:49–71. [#5408]
- Kangas E (1942b) *Agrilus ater* L., als Espenschädling in Finnland. Zeitschrift für angewandte Entomologie 28:359–365. [#5407]
- Kangas E (1947) Studien über die *Agrilus*-larven (Col. Buprestidae). Annales Entomologici Fennici 13:104–113. [#3622]
- Kaplin VG (1981) Kompleksy chlenistonogykh zhivotnykh, obimayushchikh v tkanyakh rastenii peschanykh pustyn'. Ylym, Ashkhabad, 376 pp, (in Russian) [#5853]

- Karsch F (1890) Kleinere Mittheilungen. *Entomologische Nachrichten* 16:290. [#8759]
- Katovich SA, Munson AS, Ball J, McCullough D (2000) Bronze Birch Borer. *Forest Insects & Disease, Leaflet* 111:1–7. [#6740]
- Kawall JHC (1867) Misc Entomol. *Stettiner Entomologische Zeitung* 28:117–124. [#8167]
- Kejval Z, Benedikt S, Dongres V, Doležal Z (2006) Výsledky inventarizačních průzkumů brouků (Coleoptera) v chráněných územích západních Čech (NPR Čerchovské hvozdy, NPP Pastviště u Finů, NPR Soos, NPP Železná hůrka, PR Kamenný rybník, PR Lopata, PR Starý Hirštejn, PP Příšovská homolka a PP Hvoždanská louka). Results of faunistic surveys of beetles (Coleoptera) of protected areas in western Bohemia (Čerchovské hvozdy, Pastviště u Finů and Soos national nature reserves, Železná hůrka national nature monument, Kamenný rybník, Lopata and Starý Hirštejn nature reserves, Příšovská homolka and Hvoždanská louka nature monuments). *Erica* 13:49–65, (in Czech with English subtitle) [#8865]
- Kelch A (1846) Grundlage zur Kenntniss der Käfer Oberschlesiens, insonders der Umgegend von Raitibor. In: Zu der öffentlichen Prüfung aller Classen des Königlichen Gymnasiums zu Ratibor den 4. und 7. April, und dem mit Entlassung der Abiturienten verbundenen Redeactus den 20. April laden ergebenst ein Director und Lehrer–Collegium. Bögner Erben, Ratibor, 54 pp. [#9290]
- Keller A (1864) Verzeichniss der bisher in Württemberg aufgefundenen Coleopteren. *Württembergische naturwissenschaftliche Jahreshefte* 20(2–3):213–305. [#8984]
- Kellogg VL, Doane RW (1915) *Elementary textbook of economic zoology and entomology*. Henry Holt and Company, New York, X + 532 pp. [#7345]
- Keppen F (1882) Vrednyya nas'komyya. Tom vtoroi, Special'naya chast' I, Pryamokrylyya, zhuki i pereponchatokrylyya. Tipografiya imperatorskoi akademii nauk', Sanktpeterburg', 585 pp, (in Russian) [#8636]
- Kerremans C (1896) Buprestides recueillis dans les tabacs par les soins de M. A. Grouvelle II. Sumatra, III. Bresil. *Ann Soc Entomol France* 65:138–176. [#1422]
- Kettering H (1978) *Agrilus pseudocyanus* Kiesw. in der Pfalz (Coleoptera, Buprestidae). *Nachrichtenblatt der Bayerischen Entomologen* 27(5):81–83. [#3623]
- Kharazhshvili KV (1960) K izycheniyu skrytnostvolovykh vreditelei topolya v Gruzii. In: 4. S'ezd vsesoyuznogo èntomologicheskogo obshchestva. Leningrad, 29.I.–3.II. 1960 g., Tezisy dokladov, Moskva, Leningrad, Izdatel'stvo akademii nauk SSSR, pp 146–147, (in Russian) [#8630]
- Khodzhevanishvili IA (1956) Ivovaya uzkotelaya zlatka *Agrilus shamyi* Obenb. v parkovykh nasazhdeniyakh Vostochnoi Gruzii. *Vestnik tbilisskogo botanicheskogo sada* 63:193–195, (in Russian) [#3248]
- Khramcov NN, Padij NN (1965) Stvolovye vrediteli lesa i bor'ba s nimi. Izdatel'stvo Lesnaya promyshlennost', Moskva, 159 pp, (in Russian) [#8649]
- Kiesenwetter H von (1857) Buprestidae, Eucnemidae, Bogen 1–11, *Naturgeschichte der Insecten Deutschlands* begonnen von Dr. W. F. Erichson, fortgesetzt von Prof. Dr. H. Schaum, Dr. G. Kraatz und H. v. Kiesenwetter. Erste Abtheilung Coleoptera. Vierter Band. Nicolaische Verlagsbuchhandlung (G. Parthey), Berlin, pp 1–178. [#3015]
- Klages HG (1901) VIII. Supplement to Dr. John Hamilton's list of the Coleoptera of southwestern Pennsylvania. *Annals of the Carnegie Museum* 1(2):265–294. [#9784]
- Kletečka Z (1996) The xylophagous beetles (Insecta, Coleoptera) community and its succession on Scotch elm (*Ulmus glabra*) branches. *Biológia, Bratislava* 51(2):143–152. [#3970]
- Kletečka Z (1998a) To the bionomy of *Dicerca amphibia* Mars. and of accompanying species of jewel beetles (Coleoptera, Buprestidae) on poplars *Populus* sp. div. in eastern Ukraine. *Jewel Beetles* 7:19–29, figs. [#4416]
- Kletečka Z (1998b) Společensva xylofágního hmyzu (Insecta: Coleoptera, Diptera, Hymenoptera) a jeho sukcese na jilmlech (*Ulmus* sp. div.) v Blanském lese. The xylophagous insects (Insecta: Coleoptera, Diptera, Hymenoptera) community and succession on elms (*Ulmus* sp. div.) in Blanský les. *Sborník Jihočeského Muzea v Českých Budejovicích, Přírodní vědy* 38:61–72, (in Czech with English subtitle and summary) [#5697]

- Kletečka Z (2002) Společenstva xylofágního hmyzu (Insecta: Coleoptera, Diptera) a jejich sukcese na buku lesním (*Fagus silvatica* L.) v Novohradských horách, pp 177–182. In: Papáček M (ed) Biodiverzita a přírodní podmínky Novohradských hor. Jihočeská univerzita a Entomologický ústav AV ČR, 285 pp. [#5805]
- Kletečka Z (2009) Krascovití (Buprestidae) v Jižních Čechách. Jewel Beetles (Buprestidae) of South Bohemia. České Budejovice, Jihočeské muzeum v Českých Budejovicích, 143 pp, (in Czech with English subtitle and summary) [#9165]
- Klika J (1873) Přírodopis názorný pro školu i dům. Část druhá. Brouci. Soustavný popis brouků ve střední Evropě, zvláště v Čechách žijících, se zvláštním vzhledem ku škodě, kterou brouci a larvy jejich činí, a s vytknutím prostředkův, jimiž lze škodu tuto zameziti aneb aspoň umírniti. I. L. Kober, Praha, 448 pp, (in Czech) [#8199]
- Knight FB, Heikkinen HJ (1980) Principles of forest entomology, 5th edn. McGraw–Hill Book Company, xiii + 461 pp. [#9690]
- Knopf HE (1971) Contributions to the knowledge of the insect fauna of trees in Iraq. Part 1: Coleoptera. Zeitschrift für angewandte Entomologie 69:82–87. [#1507]
- Knopf HE (1975) Contributions to the knowledge of the insect fauna of trees in Iraq. Part II: Coleoptera and Lepidoptera. Zeitschrift für angewandte Entomologie 78:237–240. [#9037]
- Knull JN (1920) Notes on Buprestidae with descriptions of new species (Coleop.). Entomological News and proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia 31:4–12. [#1508]
- Knull JN (1922) Annotated list of the Buprestidae of Pennsylvania (Coleoptera). Canadian Entomol 54:79–86. [#1509]
- Knull JN (1930) Notes on Coleoptera – No 2. Entomol News 41:82–86. [#1518]
- Knull JN (1932) Notes on Coleoptera – No 3. Entomol News 43:42–45. [#1519]
- Knull JN (1934) Notes on Coleoptera, No 4. Entomol News 45:207–212. [#1523]
- Knull JN (1935) Four new Texas Coleoptera (Buprestidae and Cerambycidae). Entomol News 46:96–99. [#1524]
- Knull JN (1937a) Notes on Coleoptera with descriptions of new species (Buprestidae and Cerambycidae) (Continued from page 17). Entomol News 48:36–42. [#9186]
- Knull JN (1937b) New Southwestern Buprestidae and Cerambycidae with notes. Ohio J Sci 37:301–309. [#1529]
- Knull JN (1938) New Southwestern Buprestidae and Cerambycidae. Ann Entomol Soc Am 31:135–143. [#1532]
- Knull JN (1941) A new Texas Agrilus (Coleoptera: Buprestidae). Entomol News 52:283–284. [#1541]
- Knull JN (1942) Two new Buprestidae (Coleoptera). Ann Entomol Soc Am 35:390–392. [#1542]
- Knull JN (1944) Notes on Agrilus with descriptions of two new species (Buprestidae: Coleoptera). Ann Entomol Soc Am 37:75–83. [#1546]
- Knull JN (1945) A new species of Agrilus from Kentucky (Buprestidae: Coleoptera). Ohio J Sci 45:80–81. [#1547]
- Knull JN (1947) New Buprestidae with notes (Coleoptera). Ohio J Sci 47:174–176. [#1549]
- Knull JN (1952) New species of North American Buprestidae (Coleoptera). Ohio J Sci 52:349–352. [#1556]
- Knull JN (1957) A new Agrilus from the Chiricahua Mountains of Arizona (Coleoptera: Buprestidae). Ohio J Sci 7:234–235. [#1562]
- Knull JN (1960) A new subspecies of Agrilus from Texas (Coleoptera: Buprestidae). Ohio J Sci 60:321–322. [#1565]
- Knull JN (1966) Description of male *Agrilus bentseni* Knull and one new species (Coleoptera: Buprestidae). Entomol News 77:238–241. [#1572]
- Knull JN (1970) Notes and synonymy on Buprestidae (Coleoptera). Entomol News 81:263–264. [#1573]
- Knull JN (1972a) A new species of *Agrilus* from Hackberry (*Celtis occidentalis* Linnaeus) (Coleoptera: Buprestidae). Entomol News 83:113–116. [#1576]

- Knoll JN (1972b) A new species of *Agrilus* from Arizona (Coleoptera: Buprestidae). *Ohio J Sci* 72:299–300. [#1575]
- Ko JH (1969) A list of forest insect pests in Korea. Seoul, Forest Research Institute, 458 pp. [#9209]
- Kolbe HJ (1925) Beitrag zur Käfergallenkunde (*Agrilus*) und zur Kenntnis der Brutpflege unter den Insekten. *Zeitschrift für wissenschaftliche Insekten-Biologie* 20:105–110. [#4491]
- Kollar V (1858) Ueber *Agrilus viridis* Kieseuw., ein die Erlen verwüstendes Insect. *Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien*, pp 325–328. [#4485]
- Korotyaev BA, Konstantinov AS, Lingafelter SW, Mandelshtam MY, Volkovitsh MG (2005) Gall inducing Coleoptera, pp 239–271. In: Raman A, Schaefer CW, Withers TM (eds) *Biology, ecology and evolution of gall inducing arthropods: vol 2*. Science Publishers, Inc., Enfield, xxi + 429 pp. [#7284]
- Kostenbader HU (1989) *Agrilus guerini* Lac. (Col., Buprestidae). *Mitteilungen des Entomologischen Vereins Stuttgart* 24:119. [#4222]
- Kostin IA (1973) Zhuki – dendrofagi Kazakhstana (Koroedy, drovoseki, zlatki). The dendrophagous beetles of Kazakhstan (Buprestidae, Cerambycidae, Ipidae). Nauka, Alma-Ata, 286 pp. (in Russian with English subtitle and summary) [#3693]
- Krivoshchina NP (1976) Kompleksy nasekomykh–rizobiontov i ikh znachenie v pustynnykh biogeocenozach. In: *Tezisy dokladov vsesoyuznoi nauchnoi konferencii po kompleksnomu izucheniyu i osvoeniyu pustynnykh territorii SSSR. Sekciya IV. Ilym, Ashkhabad*, pp 22–24, (in Russian) [#8641]
- Krogerus R (1922a) Studien über *Agrilus*–Arten. I. Zur Biologie des *Agrilus mendax* Mannerh. *Notulae Entomologicae* 2:10–14. [#4128]
- Krogerus R (1922b) Studien über *Agrilus*–Arten. II. Zur Biologie des *Agrilus ater* L. (= *sexguttatus* auct.). *Notulae Entomologicae* 2:109–113. [#3916]
- Krogerus R (1925) Zur Kenntnis der *Agriliden* Finnlands. *Meddelanden af Societas pro Fauna et Flora Fennica, Helsingfors* 49:70–76. [#3472]
- Królik R (2002) *Agrilus kutahyanus* n. sp. from Turkey (Coleoptera: Buprestidae). *Genus, Wroclaw* 13:25–31. [#5736]
- Królik R, Janicki T (2005) *Agrilus scythicus*, a new species from Ukraine (Coleoptera: Buprestidae). *Genus, Wroclaw* 16(3):349–353. [#7324]
- Królik R, Majewski T (1994) *Agrilus ribesi* Schaeffer [sic!], 1946 (Coleoptera, Buprestidae) – nowy dla fauny Polski gatunek chrząszcza. *Agrilus ribesi* Schaeffer [sic!], 1946 (Coleoptera, Buprestidae) – species of beetle new for the fauna of Poland. *Wiadomosci Entomologiczne, Poznan* 13(2):107–113, (in Polish with English summary) [#3471]
- Królik R, Niehuis M (2003) *Agrilus rhoos*, a new species from Turkey (Coleoptera: Buprestidae). *Genus, Wroclaw* 14(3):357–362. [#6156]
- Kryukova EA, Terekhova NA (1974) Perenoschiki trahemiokoza dyba na yugo–vostoke Èvropeiskoi chasti RSFSR. In: *Materialy sed'mogo c'ezda vsesoyuznogo èntomologicheskogo obshchestva, chast' vtoraya, Sel'skokhozyaistvennaya èntomologiya, Lesnaya èntomologiya. Akademiya nauk SSSR, Leningrad*, pp 225, (in Russian) [#8643]
- Kryzhanovskii OL (1984) Semeistvo Zlatki – Buprestidae, pp 20, 105–108. In: Kopaneva LM (ed) *Opredelitel' vrednykh i poleznykh nasekomykh i kleskchei plodovykh i yagodnykh kul'tur v SSSR. Kolos, Leningrad*, 288 pp, (in Russian) [#8665]
- Kubáň V (1978) Příspěvek k faunistice krasců Moravy a Slovenska s ekologickými a bionomickými poznámkami. *Beitrag zur Faunistik Prachtkäfer Mährens und der Slowakei mit den ökologische [sic!] und bionomische [sic!] Bemerkungen*. (Coleoptera Buprestidae). *Zprávy Československé společnosti entomologické při ČSAV, Praha*, 14:21–24, (in Czech with German summary) [#3474]
- Kubáň V (1979) Poznámky k bionomii, ekologii a faunistice několika druhů krasců ČSSR. *Die Bemerkungen zur Bionomie, Ökologie und Faunistik einiger Buprestidae–Arten der Tschechoslowakei* (Coleoptera). *Zprávy Československé společnosti entomologické při ČSAV, Praha*, 15:75–80, (in Czech with German summary) [#3473]

- Kulinitsh PN (1963) Materialy k izucheniyu zhestkokrylykh – stvolovykh vrediteli gomykh lesov Tadzhikistana. In: Pyatoe soveshchanie vsesoyuznogo entomologicheskogo obshchestva. Tashkent, sentyabr 1963 g., Tezisy dokladov, Moskva, Leningrad, Akademiya nauk SSSR, pp 153–154. (in Russian) [#8648]
- Kurihara T, Fukutomi T (2011) *Agrilus cupes* Lewis collected from *Philadelphus coronarius*. *Sayabane* 1:26–27, (in Japanese) [#9191]
- Kuroli G (1999) A málna karcásúdszobogár (*Agrilus aurichalceus* Redtenbacher). Rose stem girdler (*Agrilus aurichalceus* Redt.). *Növényvédelem* 35(6):257–263, (in Hungarian with English summary) [#5916]
- Kurosawa Y (1947) Note on the distribution of *Agrilus cyanenoniger* E. Saunders. *Trans Kinki Coleopterol Soc* 2(1):1–3, (in Japanese) [#3339]
- Kurosawa Y (1956) Buprestid–fauna of Eastern Asia (3). *Bulletin of the National Science Museum, Tokyo, N. S. vol 3, no. 1 (no. 38)*, pp 33–41. [#1614]
- Kurosawa Y (1957) Buprestid–fauna of Eastern Asia (4). (Coleoptera). *Bulletin of the National Science Museum, Tokyo, vol 3, no. 3 (no. 40)*, pp 183–194. [#1615]
- Kurosawa Y (1963a) Buprestidae, pp 147–156 [Buprestidae], 167–168, 187–188. In: Nakane T, Ohbayashi K, Nomura S, Kurosawa Y (eds) *Iconographia insectorum japonicorum. Colore naturali edita. Volumen II (Coleoptera)*. Hokuryukan, Tokyo, 443 pp, 192 pls, (in Japanese) [#1618]
- Kurosawa Y (1963b) Buprestid–fauna of Eastern Asia (5). (Coleoptera). *Bulletin of the National Science Museum, Tokyo, (1962) vol 6, no. 2 (no. 51)*, pp 90–111. [#1617]
- Kurosawa Y (1974) A comment to the Japanese Buprestidae (12). *Coleopterists' News, Tokyo* 23/24:1–4, (in Japanese) [#4577]
- Kurosawa Y (1975) A comment to the Japanese Buprestidae (14). *Coleopterists' News, Tokyo* 27/28:1–4, (in Japanese) [#4591]
- Kurosawa Y (1976) Notes on the Oriental species of the Coleopterous family Buprestidae (II). *Bulletin of the National Science Museum, Tokyo, Series A (Zoology)* 2(2):129–136. [#1628]
- Kurosawa Y (1985) Notes on the Oriental species of the Coleopterous family Buprestidae (IV). *Bulletin of the National Science Museum, Tokyo, Series A (Zoology)* 11(3):141–170. [#1640]
- Kurosawa Y, Iga M (1947) Buprestid notes (1). *Trans Kinki Coleopterol Soc* 2(4):25–29, (in Japanese with English subtitle) [#1604]
- Lacordaire MT (1835) The volume on beetles. In: Boisduval JBA, Lacordaire MT (eds) *Faune entomologique des environs de Paris, ou species général des insectes qui se trouvent dans un rayon de quinze a vingt lieues aux alentours de Paris. Tome premier*. Paris, Méquignon–Marvis, [5] + 17 + I–CII + pp 103–696 + 3 pls (The author of the volume on beetles is Lacordaire according to the second sentence of the last paragraph of the Preface). [#3892]
- Lafosse X (1899) Deux ennemis des arbres fruitiers. L' *Agrilus sinuatus*. Le cidre et le poiré *Revue mensuelle des intérêts pomologiques* 1899:13–15. [#8766]
- Lakatos F, Molnár M (2009) Mass mortality of beech (*Fagus sylvatica* L.) in south–west Hungary. *Acta Societatis Entomologicae Bohemiae* 5:75–82. [#9646]
- Lamey A (1893) *Le Chêne–liège, sa culture et son exploitation*. Berger–Levrault, Paris, 289 pp. [#9611]
- Larson DJ (2003) The rose stem girdler (*Agrilus aurichalceus* Redtenbacher) (Insecta: Coleoptera: Buprestidae), a new threat to prairie roses. *Blue Jay* 61(3):176–178. [#6990]
- Lauterbach KE (1992) Zum Vorkommen [sic!] von *Agrilus cyanescens* Ratzeburg (Coleoptera, Buprestidae) in Bielefeld–Sennestadt. *Bericht des Naturwissenschaftlichen Vereins für Bielefeld und Umgegend* 33:241–246. [#4294]
- Lazorko W (1963) Material for systematic classification and study of the beetle fauna of Ukraine. Vancouver, B. C. Canada, Logos Buchdruckerei u. Verlag, München, 123 pp, (in Ukrainian with English subtitle and summary) [#8121]
- Lecomte C (1925) Sur quelques Coléoptères obtenus d'élevage (3e note). *Bull Soc Entomol France* 1925:294–296. [#5411]



- LeConte JL (1860) Revision of the Buprestidae of the United States. *Trans Am Phil Soc* (1859) New Ser 11:187–258. [#1698]
- Leder H (1872) Erster Nachtrag zu Edm. Reitter's Uebersicht der Käfer-Fauna von Mähren und Schlesien. W. Burkart, Berlin, Verhandlungen des naturforschenden Vereines in Brünn, 10:86–139. [#5596]
- Leefmans S (1922) Een ernstige, nog onbekende plaag van Java-jute de spiraalboorder (*Agrilus acutus*, Thunb.). *Mededelingen van het Instituut voor Plantenziekten Buitenzorg* 56:3–7, 3 pls. [#8158]
- Leefmans S (1935) Biological notes on *Dasynus manihotis* Blöte. *Zoologische Mededeelingen* 18:237–240. [#8872]
- Le Grand G (1861) Liste des coléoptères du département de l'Aube. Troyes, Bouqout, 63 pp. [#8881]
- Leiler TE (1947) *Agrilus biguttatus* Fabr. *Entomologisk Tidskrift* 68:13–15, (in Swedish) [#9627]
- Lekić M (1956) O jednoj štetnoj vrsti iz roda *Agrilus*. *Agrilus macroderus* Ab. als Schädling der Obstbaumschulen. *Zaštita bilja*, Beograd 35:1–22, (in Serbian with German subtitle and summary) [#3259]
- Lekić M (1958) Potencijal razmnožavanja i mogućnosti suzbijanja šljivinog prstenara (*Agrilus macroderus* Ab.). *Arhiv za poljoprivredne nauke*, Beograd 11(34):113–125. [#9595]
- Lekić M (1959) Vrbin prstenar (*Agrilus acutangulus* Théry). Morfoloģija, Ekoloģija i Suzbijanje. *Zaštita bilja*, Beograd 54:3–20, (in Serbian with German subtitle and summary) [#3624]
- Leng CW (1911) Notes on Coleoptera collected in Northern Georgia-II. *J NY Entomol Soc* 19:209–216. [#5998]
- Letzner KW (1892) Verzeichniß der Käfer Schlesiens. Zweite Auflage. *Zeitschrift für Entomologie*, Breslau, 10–16, VI + VIII + XXVI + 438 + XVII pp [reprint]. [#4469]
- Lewis G (1893) On the Buprestidae of Japan. (Read 17th November, 1892). *J Linnean Soc Lond Zool* 24(154):327–338. [#1722]
- Liberto A, Gigli M (2003) *Agrilus viscivorus*, un buprestide nuovo per la fauna Italiana (Coleoptera, Buprestidae). *Bolletino dell'Associazione Romana di Entomologia* 58:47–51. [#6748]
- Liebmann W (1955) Käferfunde aus Mitteleuropa einschließlich der österreichisches Alpen. Arnstadt, A. Ziemsen Verlag, Wittenberg Lutherstadt, VEB Werkdruck, 165 pp. [#8543]
- Lindeman GV, Turundaevskaya TM (1975) K biologii i rasprostraneniyu nekotorykh maloizuchennykh zlatok (Coleoptera, Buprestidae). On the biology and distribution of some little-known buprestid beetles (Coleoptera, Buprestidae). *Entomologicheskoe Obozrenie* 54(2):326–328, (in Russian with English summary) [#3478]
- Lin Gui Rui (2002) List of fruit tree pests of Taiwan and Mainland of China. *Taiwan Agricultural Research Institute*, Wufeng, 847 pp, (in Chinese) [#7926]
- Linné C von (1760) *Fauna Suecica, sistens animalia Sueciae regni: Mammalia, Aves, Amphibia, Pisces, Insecta, Vermes. Distributa per classes & ordines, genera & species, cum differentiis specierum, synonymis auctorum, nominibus incolarum, locis natalium, descriptionibus insectorum*. Editio altera, Auctior. *Stockholmiae, Laurentii Salvii*, 49 unnumbered pages + 578 pp. [#1727]
- Linné C von (1767) *Systema Naturae, per regna tria naturae, secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. Tomus I. Pars II. Classis V. Insecta., Editio XII, Vindobonae, Typis Ioannis Thomae nob. de Trattner, pp 533–1327 + 37 pp.* [#1729]
- Lintner JA (1885) Report of the State Entomologist for the year 1894. *New York State Museum*, 48th annual report, pp 339–637. [#6016]
- Lintner JA (1889) Report of the State Entomologist to the regents of the University, State New York, for the year 1888. In: Forty-second annual report of the trustees of the State Museum of Natural History for the year 1888. The Troy Press Company Printers, Albany, pp 145–326. [#6017]
- Liskenne G (1986) Nouvelles localisations d'un Silphidae dans les Alpes, et d'*Agrilus guerini* Lacordaire (Col. Buprestidae) en Ardèche. *L'Entomologiste*, Paris 42(2):77–80. [#3626]

- Liskenne G (1992) Additif au catalogue des buprestides de l'Ile-de-France. Bulletin de Liaison de l'Association des Coleopteristes de la region Parisienne, Acorep 15:17–19. [#4271]
- Liskenne G (1994) Nouvelles localisations de Buprestides paléarctiques et description d'une nouvelle espece (Coleoptera, Buprestidae). L'Entomologiste, Paris 50(6):321–328. [#4279]
- Liskenne G (1998) Nouvelles localisations de Buprestides paléarctiques. (Coleoptera, Buprestidae). L'Entomologiste, Paris 54(2):77–80. [#6018]
- Liskenne G (2000) Mise à jour du Catalogue des Buprestides de l'Ile-de-France. Le Coléoptériste 39:97–99. [#6278]
- Liu Houping, Bauer LS (2005) Host range of emerald ash borer *Agrilus planipennis* Fairmaire, its damage and the countermeasures. Acta Entomologica Sinica 48:594–599. [#8298]
- Liu Houping, Bauer LS, Gao Ruitong, Zhao Tonghai, Petrice TR, Haack RA (2003) Exploratory survey for the emerald ash borer, *Agrilus planipennis* (Coleoptera: Buprestidae), and its natural enemies in China. Great Lakes Entomol 36(3–4):191–204. [#7112]
- Liu Houping, Bauer LS, Miller DL, Tonghai Zhao, Ruitong Gao, Liwen Song, Qingshu Luan, Ruozhong Jin, Changqi Gao (2007) Seasonal abundance of *Agrilus planipennis* (Coleoptera: Buprestidae) and its natural enemies *Oobius agrili* (Hymenoptera: Encyrtidae) and *Tetrastichus planipennis* (Hymenoptera: Eulophidae) in China. Bio Control 42:61–71. [#8183]
- Lockhead W (1903) The insects of the season. Annual Report of the Entomological Society of Ontario 33:64–69. [#6020]
- Loerch CR, Cameron EA (1983) Determination of larval instars of the bronze birch borer *Agrilus anxius* (Coleoptera, Buprestidae). Ann Entomol Soc Am 76:948–952. [#6021]
- Loerch CR, Cameron EA (1984) Within-tree distributions and seasonality of immature stages of the bronze birch borer, *Agrilus anxius* (Coleoptera: Buprestidae). Canadian Entomol 116(2):147–152. [#4183]
- Lokaj E (1869) Verzeichniss der Käfer Böhmens. Archiv für die Naturwissenschaftliche Landesdurchforschung von Böhmen, (1868), 1, Sect. 4, V + 77 pp, (in German) [#4332]
- Lomnicki AM (1886) Muzeum Imienia Dzieduszyckich we Lwowie. Dział I. Zoologiczny Oddział zwierząt bezkręgowych. IV. Chrząszcze czyli Tęgoskrzydła. (Coleoptera). Z 1. związkowej drukami, Lwów, XXXI + 308 pp. [#8316]
- Loriferne, Poulain (1888) Catalogue des coléoptères du département de L'Yonne. (Deuxième partie). Bulletin de la Société des sciences historiques et naturelles de L'Yonne, Sciences physiques et naturelles, vol 41, Tome XI, 3 série, pp 40–80. [#8767]
- Lou LM (1989) *Agrilus zanthoxylumi*. In: Lou LM, Min CZ, Xin WP (eds) Growth and pest control of *Zanthoxylum bungeanum* Maxim. Shaanxi Science & Technology Press, Xi'an, pp 60–63. [#8117]
- Lou LM, Zongming L, Aiye J (1990) Spatial distribution pattern and damage characters of priggly ash stem girdler. J Northwestern Coll Forest 5(1):34–38, (in Chinese with English subtitle and abstract) [#8082]
- Ludwig H (1886) Synopsis der drei Naturreiche. EinHandbuch für höhere Lehranstalten welche sich wissenschaftlich mit Naturgeschichte beschäftigen und sich zugleich auf die zweckmäßigste Weise das Selbstbestimmen der Naturkörper erleichtern wollen. Erster Theil. Zoologie, Dritte gänzlich umgearbeitete, mit vielen hundert Holzschnitten vermehrte Auflage, Hannover, Bahn'sche Buchhandlung, XV + 1231 pp. [#8972]
- Lugger O (1884) Food-plants of beetles bred in Maryland. Psyche 4:203–204. [#1753]
- Lundberg S (1962) Bidrag till kännedom om svenska skalbaggar. 5. *Agrilus Guerini* Lac. Entomologisk Tidskrift 83(3–4):172–174, (in Swedish) [#5412]
- Lundberg S (1978) Skalbaggsarter, som inte återfunnits i Sverige på lång tid – några tips (Coleoptera). Entomologisk Tidskrift 99:121–126. [#8867]
- Lundberg S (1983) Biologiska notiser om nagra svenska praktbaggar. Notes on the biology of some Swedish Buprestidae (Coleoptera). Entomologisk Tidskrift 104:80–82. [#5958]
- Lundblad O (1943) Nagra skalbaggsfynd. Entomologisk Tidskrift 64:177–194. [#9626]
- Lupo V (1957) Il Buprestide del Pero (*Agrilus sinuatus* Ol.). Tecnica Agricola, Catania 9:119–125. [#1755]

- Luton JR, Roberts H (1980) Preliminary assessment of provenance susceptibility in *Eucalyptus deglupta* to *Agrilus opulentus* attack. Tropical Forestry Research note, Office of Forests, Papua New Guinea, 38, II + 5 pp. [#6125]
- Lyons DB, Caister C, Groot P de, Hamilton B, Marchant K, Scarr T, Turgeon J (2007) Guide pour les enquêtes de dépistage de l'agrire du frêne, 58 pp. [#8066]
- Macabasco C (1964) The citrus pests and their control. Philip J Agric 26(3–4):133–154. [#5843]
- MacRae TC (1991) The Buprestidae (Coleoptera) of Missouri. Insecta Mundi 5(2):101–126. [#1760]
- MacRae TC (2003) *Agrilus* (s. str.) *betulanigrae* MacRae (Coleoptera: Buprestidae: Agrilini), a new species from North America, with comments on subgeneric placement and a key to the otiosus species-group in North America. Zootaxa 380:1–9. [#5976]
- MacRae TC (2006) Distributional and biological notes on North American Buprestidae (Coleoptera), with comments on variation in *Anthaxia* (*Haplantaxia*) *cyaneola* Gory and *A. (H.) viridifrons* Gory. Pan-Pacific Entomol 82(2):166–199. [#7542]
- MacRae TC, Basham JP (2013) Distributional, biological, and nomenclatural notes on Buprestidae (Coleoptera) occurring in the U.S. and Canada. Pan-Pacific Entomol 89:125–142. [#9563]
- MacRae TC, Bellamy C (2013) Two new species of *Actenodes* Dejean (Coleoptera: Buprestidae) from southern Mexico, with distributional and biological notes on Buprestidae from Mexico and Central America. Pan-Pacific Entomol 89:102–119. [#9711]
- MacRae TC, Nelson GH (2003) Distributional and biological notes on Buprestidae (Coleoptera) in North and Central America and the West Indies, with validation of one species. Coleopterists Bull 57(1):57–70. [#5977]
- Maes JM, Hespeneheide HA, Berghe E van de (1993) Catalogo de los Buprestidae (Coleoptera) de Nicaragua. Revista Nicaraguense de Entomologia 25:21–35. [#1764]
- Magnani G (1992) Contributo alla conoscenza dei buprestidi della Romagna (Coleoptera). Quaderno di Studi e Notizie di Storia Naturale della Romagna 1:13–17. [#3208]
- Magnani G (1995) Notes sur les Buprestides de Chypre avec description de nouveaux taxons (Coleoptera, Buprestidae). Biocosme Mésogéen, Nice 12(1):47–52. [#3210]
- Magnani G (1996) Nouovi buprestidi di Turchia (Coleoptera, Buprestidae). Biocosme Mésogéen, Nice 13(3):87–96. [#4065]
- Magnani G, Niehuis M (1994) Un nouvel *Agrilus* de Chypre (Coleoptera, Buprestidae). Biocosme Mésogéen, Nice 11(2):49–52. [#3211]
- Magnani G, Bartolozzi L, Bambi S (1992) Contributo alla conoscenza della entomofauna del parco Naturale della Maremma. I. Coleoptera Buprestidae. Redia 75(2):429–446. [#1767]
- Maier CT (2005) First records of alien insects in Connecticut (Orthoptera: Tettigoniidae; Coleoptera: Buprestidae, Chrysomelidae; Diptera: Rhagionidae, Tephritidae; Hymenoptera: Megachilidae). Proc Entomol Soc Washington 107(4):947–959. [#7225]
- Maier CT (2012) New distributional records of invasive Coleoptera found in Connecticut and other eastern states: *Agrilus cyanescens* (Ratzeburg) (Buprestidae), *Liliocercis lillii* (Scopoli), and *Pyrrhalta viburni* (Paykull) (Chrysomelidae). Proc Entomol Soc Washington 114(4):501–512. [#9330]
- Makhnovskij IK (1958) Vrediteli drevesnoi i kustarnikovoi rastitel'nosti i mery bor'by s nimi. Trudy gorno-lesnogo gosudarstvennogo zapovednika, Vypusk 1, Ministerstvo sel'skogo khozyaistva UzSSR, pp 121–164, (in Russian) [#6090]
- Makhnovskij IK (1959) Vrediteli drevesno-kustarnikovoi rastitel'nosti Chirchik-Angrenskogo gorno-lesnogo massiva i bor'ba s nimi. Trudy Sredneaziatskogo nauchno-issledovatel'skogo instituta lesnogo khozyaistva 5:1–107, (in Russian) [#5829]
- Makhnovskij IK (1966) Vrediteli gornykh lesov i bor'ba s nimi. Lesnaya promyshlennost'. Lesnaya promyshlennost', Moskva, 143 pp, (in Russian) [#7356]
- Makihara H (2005) Some coleopteran borers emerged from the dead branch of *Pongamia pinnata* in Kurima Island of Miyako Islands. Coleopterists' News, Tokyo 152:1–4, (in Japanese with English subtitle) [#8581]

- Makihara H, Kawamuro K, Roberts H (1987) Infestation of kamerere plantations attacked by *Agrilus opulentus* Kerrmans (Coleoptera, Buprestidae). *Tropical Forest* 10:22–28. [#6126]
- Malkin B (1941) A European buprestid in the United States. *Bull Brooklyn Entomol Soc* 36:132. [#1768]
- Mandl K (1931) Systematische Zusammenstellung einer Sammelausbeute aus Transbaikalien und dem Ussurigebiet. *Wiener Entomologische Zeitung* 48:1–28. [#8501]
- Manley GV (1977) Descriptions of the male of *Agrilus esperanzae* Knull and the female of *Agrilus oblongus* Fisher, and notes on other Buprestidae (Coleoptera). *Coleopterists Bull* 31(1):79–82. [#1772]
- Manley GV (1979) A new species of *Agrilus* (Coleoptera: Buprestidae) similar to *Agrilus omecatli* occurring on shrubby blue *Salvia* (*Salvia ballotaeflora* Benth.: Labiatae). *Coleopterists Bull* 33(3):327–330. [#1774]
- Marchal P, Vercier J (1907) Un nouvel ennemi du framboisier (*Agrilus chrysoderes*, var. *rubicola*). *Bulletin de l'office de renseignements agricoles, Paris*, (1906) 14:1–6. [#3720]
- Marcotte F (1852) Tableau méthodique et synonymique des Coléoptères des environs d'Abbeville. *Mémoires de la société d'émulation d'Abbeville* (1849, 1850, 1851, 1er semestre de 1852), pp 249–651. [#9001]
- Marseul SA de (1866) Monographie des buprestides d'Europe, du nord de l'Afrique et de l'Asie. L'Abeille, *Mémoires d'Entomologie* 2:397–540. [#676]
- Marseul SA de (1868) Description des espèces nouvelles. L'Abeille, *Mémoires d'Entomologie* 5:171–218 [#678]
- Marsham T (1802) *Entomologia Britannica, sistens Insecta Britanniae indigena, secundum methodum Linneanam disposita. Tomus I, Coleoptera*, London, Wilks et Taylor, XXXI + 548 pp. [#6052]
- Martineau R (1984) *Insect harmful to forest trees*. Ministry of Supply and Services Canada, x + 261 pp. [#9683]
- Martineau R (1985) *Insectes nuisibles des forêts de l'est du Canada*. Marcel Broquet, LaPrairie, xii + 283 pp. [#9679]
- Maser C, Beer FM (1971) Notes on *Agrilus politus politus* Say and *Agrilus politus burkei* Fisher (Coleoptera: Buprestidae). *Coleopterists Bull* 25(1):35–36. [#1788]
- Maslov AD (1970) *Vrediteli il' moyvykh porod i mery bor'by s nimi. Lesnaya promyshlennost'*, Moskva, 76 pp, (in Russian) [#8616]
- Mateu J (1972) *Les Insectes xylophages des Acacia dans les régions sahariennes*. Instituto de Zoologia Dr. Augusto Nobre, Faculdade de Ciências do Porto, 116. Imprensa Portuguesa, Porto, 714 pp, LXI pls. [#4794]
- Mathur RN, Singh B (1959) A list of insect pests of forest plants in India and adjacent countries, arranged alphabetically according to the plant genera and species, for the use of forest officers. Part. 7. – List of insect pests of plant genera 'L' to 'O' (Lablab to *Oxytenanthera*). *Indian Forest Bull* 171(6):1–148. [#4318]
- Matsumura S (1924) *Agrilus mali* sp. n., pp 1–21, 4 pls. In: Muramatsu S (ed) *Researches on Agrilus mali* Matsumura (Coleoptera: Buprestidae). Korea Agriculture Experiment Station, Report no. 11:1–21, 4 pls. [#9322]
- Maxwell Lefroy H, Howlett FM (1909) *Indian insect life. A manual of the insects of the plains (tropical India)*. Thacker, Spink & co, Calcutta/Simla 786 pp. [#8091]
- Mayet V (1890) *Les insectes de la vigne*. C. Coulet, Montpellier, 470 pp. [#8962]
- Mayet V (1904) *Contribution a la faune entomologique des Pyrénées-Orientales (Coléoptères). Coléoptères des Albères*. *Misc Entomol* 1–132. [#6062]
- McCullough DG, Roberts DL (2002) *Pest Alert. Emerald Ash borer*. United States Department of Agriculture, Forest Service, Northeastern Area, State and Private Forestry, 2 pp. [#5726]
- McDaniel EI (1932) *Imported rose stem-girdler attacks roses*. Michigan Agricultural Experiment Station, *Quart Bull*, xiv(2):89–91 (Abstract in: *Rev Appl Entomol* 1932, A, 20:408). [#8682]

- Meloni C (1992) *Agrilus melonii* Curletti, 1986 (Coleoptera Buprestidae), *Chlorophorus figuratus* (Scopoli, 1763) (Coleoptera, Cerambycidae). *Bollettino della Societa Entomologica Italiana* 124(1):79. [#6079]
- Ménétriés E (1832) Catalogue raisonné des objets de Zoologie recueillis dans un voyage au Caucase et jusqu'aux frontières actuelles de la Perse. L'Imprimerie de l'Académie Impériale des Sciences, St. Pétersbourg, 271 + XXVII + IV pp + IV pls. [#1799]
- Méquignon A (1924) Supplément a la liste des coléoptères de Saclas. *Ann Soc Entomol France* 93:161–162. [#4487]
- Mercer CWL (1985) *Agrilus* sp. (Buprestidae) attack on *Terminalia catappa* L. (sic) around the University of Technology Campus [Papua New Guinea]. *Klinkii* 3:103–105. [#5844]
- Mercer CWL (1986a) Pests and diseases in Papua New Guinea forestry plantations. In: Vigus TR (ed) Seminar proceedings of the future of forestry in Papua New Guinea. The Forestry Society of the Papua New Guinea University of Technology, Lae, pp 79–88. [#6128]
- Mercer CWL (1986b) Research note on *Agrilus viridissimus* Cobos (Buprestidae). *Klinkii* 3:89. [#6086]
- Merkl O (1991) Reassessment of the beetle fauna of Bátorliget, NE Hungary (Coleoptera), pp 381–498. In: Mahunka S (ed) *The Bátorliget nature reserves – after forty years*. Hungarian Natural History Museum, Budapest, p 848 pp. [#6564]
- Metcalf CL, Flint WP (1928) *Destructive and useful insects: their habits and control*. McGraw–Hill Book Company, New York/London, XII + 918 pp. [#7346]
- Miike T, Uemura M, Kamimura H (1961) Studies on the ecology and control of citrus flat-headed borer (*Agrilus auriventris* Saunders). *Rep Kumamoto Fruits Expt Sta* 1:9–17, (in Japanese) [#7017]
- Mijuskovic M (1971) *Agrilus sinuatus* as a pest of pear in the Montenegrin littoral. *Zaštita bilja*, Beograd 22(115/116):77–90. [#8888]
- Mikhail'tsov VP (1969) Smorodinnaya zlatka i steklyanica v Primor'e. *Zashchita Rastenii*, Moscow 10:20–21, (in Russian) [#9441]
- Misra CS (1920) Index to Indian fruit–pests, pp 564–596. In: Fletcher TB (ed) *Report of the proceedings of the third entomological meeting held at Pusa on 3–15 Feb 1919*, in three volumes. Volume II. Superintendent Government Printing, Calcutta, vi + 835 pp. [#9781]
- Mokrzecki SA (1898) Vrednyya zhivotnyya i rasteniya v' tavrisheskoi gybernii po nablyudeniym' 1898 goda. S' ukazaniem' mer' bor'by. Simferopol', Tipofrafiya Spiro, (in Ukrainian) [#8909]
- Mokrzecki SA (1921a) *Agrilus foveicollis* Mars. as a cause of the decay of the culture of roses in Bulgaria. *Bull Entomol Res* 12(3):353–354. [#9341]
- Mokrzecki SA (1921b) Vurhu biologiyata na nyakoi novi vreditely po rozite v Bulgariya (*Agrilus foveicollis* Mars. i *Serysta parreyssi* Spin.). *Trudove na Bulgarskoto Prirodoizpitatelno Druzhestvo*, Sofia 9:117–126, (in Bulgarian) [#6103]
- Monnerat C (2006) *Agrilus viscivorus* Bílý, 1991: un Buprestidae (Coleoptera) nouveau pour la faune suisse. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft* 79:311–314. [#7969]
- Moore Rodriguez T (1985) Aporte al conocimiento de los Buprestidos de Chile (Coleoptera–Buprestidae) Segunda Nota. *Revista Chilena de Entomología* 12:113–139. [#1816]
- Moraal LG, Achterberg C van (2001) *Spathius curvicaudis* (Hymenoptera: Braconidae) new for the Netherlands; a parasitoid of the oak buprestid beetle, *Agrilus biguttatus* (Coleoptera: Buprestidae). *Entomologische Berichten*, Amsterdam 61:165–168. [#5780]
- Moraal LG, Hilszczanski J (2000a) *Agrilus biguttatus* (Col.: Buprestidae) in relation with oak decline, pp 219–224. In: Oszako T, Delatour C (eds) *Recent advances on oak health in Europe*. Forest Research Institute, Warsaw, 281 pp. [#6255]
- Moraal LG, Hilszczanski J (2000b) The oak buprestid beetle, *Agrilus biguttatus* (F.) (Col., Buprestidae), a recent factor in oak decline in Europe. *Anzeiger für Schädlingskunde*, Berlin/Hamburg, 73:134–138. [#5131]

- Moraglio ST, Corte M, Tavella L (2013) Occurrence and impact of *Agrilus* spp. and associated egg parasitoids in hazel groves of Northwest Italy. *J Appl Entomol* 137:761–772. [#9645]
- Mozolevskaya EG (2007) Yasenevaya izumrudnaya zlatka (*Agrilus planipennis* Fairmaire) v Moskve. *Agrilus planipennis* Fairmaire (Coleoptera, Buprestidae) in Moscow, pp 137–138. In: Zamotailov AS (ed) *Dostizheniya entomologii na sluzhbe agropromyshlennogo kompleksa, lesnogo khozyaistva I meditsiny. Tezisy dokladov XIII s'yezda Russkogo entomologicheskogo obshchestva*, Krasnodar, 9–15 sentyabrya 2007 g. Krasnodar, 239 pp, (in Russian with English subtitle) [#8376]
- Mühle H (1998) Ergänzungen und Berichtigungen zu den Banden 6, 7, 8 und 13 (2. Supplement). Familie Buprestidae, pp 231–234. In: Lucht W, Klausnitzer B (eds) *Die Kafer Mitteleuropas*. 4. Supplementband. Goecke & Evers, Krefeld, 396 pp. [#5625]
- Mühle H (2003) Taiwanese buprestids (Coleoptera, Buprestidae). *J Zool Soc Wallacea* 1:43–48. [#6155]
- Mühle H (2007) Die Eiche – El Dorado für Insekten. Auf keiner Baumart leben mehr Insekten. Auch unsere Prachtkäfer bevorzugen Eichen. LWF (Bayerischen Landesanstalt für Wald and Forstwirtschaft) 60:56–57. [#8787]
- Mühle H, Brandl P, Niehuis M (2000) *Catalogus faunae Graeciae*. Coleoptera, Buprestidae. Augsburg, Röble, 254 pp. [#4970]
- Mühlmann H (1954) Buprestidae, Prachtkäfer, Flatheaded borer, pp 62–88. In: Blunck H (ed) *Handbuch der Pflanzenkrankheiten*. Fünfter Band, Tierische Schädlinge an Nutzpflanzen, 2. Teil, Fünfte neubearbeitete Auflage, Zweite Lieferung, Coleoptera. P. Pary, Berlin/Hamburg, 599 pp. [#8152]
- Munding FG (1941) Two buprestid cane-borers of brambles with experiments on control. *J Econ Entomol* 34:532–537. [#5414]
- Murria Beltrán F (1998) Addenda et corrigenda a Datos sobre Coleoptera Buprestidae aragoneses. *Catalogus de la Entomofauna aragonesa*, Zaragoza 18:18. [#4719]
- Murria Beltrán F, Murria Beltrán Á (1996) Una nueva especie de Coleoptera Buprestidae para la Península Ibérica. *Boletín de la SEA, Sociedad Entomológica Aragonesa*, Zaragoza 14:64. [#4561]
- Murria Beltrán F, Murria Beltrán Á (2005) Los buprestidos (Coleoptera: Buprestidae) de la Comunidad Autónoma de Aragón (España). *Catalogus de la Entomofauna aragonesa*, Zaragoza 33:3–26. [#7591]
- Murria Beltrán F, Murria Beltrán Á (2007) Descripción de una nueva especie del género *Agrilus* Curtis, 1825, de España (Coleoptera, Buprestidae, Agrilinae). *Boletín de la SEA, Sociedad Entomológica Aragonesa*, Zaragoza 40:179–181. [#7978]
- Muskovits J, Hegyessy G (2002) Magyarország díszbogarai (Coleoptera: Buprestidae). *Jewel beetles of Hungary* (Coleoptera: Buprestidae). Nagykovácsi, Grafon Kiadó, 404 pp, 231 figs, 120 distribution maps, 16 col. pls, (in Hungarian and English) [#5806]
- Muskovits J, Hegyessy G, Rahmé N (2003) Adatok Magyarország díszbogár-faunájának ismeretéhez (Coleoptera: Buprestidae). Data to the knowledge of Hungary's buprestid fauna (Coleoptera: Buprestidae). *A Janus Pannonius Múzeum Evkönyve*, Pécs 2001–2002 (46–47):13–24, (in Hungarian with English abstract) [#5951]
- Mutchler AJ, Weiss HB (1922) Wood-boring beetles of the genus *Agrilus* known to occur in New Jersey. New Jersey Department of Agriculture, Bureau of Statistics and Inspection, Circular 48:1–20. [#1858]
- Muzika RM, Liebhold AM, Twery MJ (2000) Dynamics of twolined chestnut borer *Agrilus bilineatus* as influenced by defoliation and selection thinning. *Agric Forest Entomol* 2(4):283–289. [#6273]
- Naka K, Ohashi H (1996) Occurrence and chemical control of the flatheaded citrus borer, *Agrilus auriventris* (E. Saunders) in Wakayama Prefecture. In: *Proceedings of the Kansai Plant Protection*, 38, 43–44, figs, (in Japanese with English subtitle) [#4720]
- Nelson GH (1960) Notes on the Buprestidae and Schizopodidae. *Bull Brooklyn Entomol Soc* 55:70–74. [#1869]

- Nelson GH (1962) Notes on the Buprestidae: Part III. Bull Brooklyn Entomol Soc 7:56–60. [#1871]
- Nelson GH (1965) Notes on the Buprestidae: Part IV, with a new synonym in *Chrysobothris*. Bull Brooklyn Entomol Soc 59–60:37–41. [#1873]
- Nelson GH (1967) Notes on the Buprestidae (Coleoptera): Part V, with descriptions of previously unknown sexes. Coleopterists Bull 21(1):23–27. [#1874]
- Nelson GH (1968) Notes on Buprestidae (Coleoptera): Part VI. Coleopterists Bull 22(1):28–30. [#1876]
- Nelson GH (1980) Nomenclatural changes in the family Buprestidae with descriptions of previously unknown sexes (Coleoptera). Pan–Pacific Entomol 56(2):81–97. [#1887]
- Nelson GH (1985) A new species of *Agrilus* from Arizona (Coleoptera: Buprestidae). Coleopterists Bull 39(1):89–92. [#1891]
- Nelson GH (1987a) Additional notes on the biology and distribution of Buprestidae (Coleoptera) in North America, II. Coleopterists Bull 41(1):57–65. [#1893]
- Nelson GH (1987b) Taxonomic notes on the genera *Agrilus*, *Chrysobothris* and *Paragrillus* (Coleoptera: Buprestidae). Coleopterists Bull 41(1):67–72. [#1894]
- Nelson GH (1990) A new species of *Agrilus* reared from mistletoe in Texas (Coleoptera: Buprestidae). Coleopterists Bull 44(3):374–376. [#1898]
- Nelson GH (1991) New taxa, pp 121–142. In: Nelson GH, Westcott RL (eds) Review of the pulchellus group of *Agrilus* with descriptions of new species (Coleoptera: Buprestidae). Coleopterists Bull 45(2):121–142. [#9311]
- Nelson GH (1994) *Agrilus harenus* Nelson, a new species from Southern California, with notes on *A. lacustris* LeConte (Coleoptera: Buprestidae). Coleopterists Bull 48(3):261–264. [#3486]
- Nelson GH, Hespeneheide HA (1998) A re–evaluation of some *Agrilus* Curtis species (Coleoptera: Buprestidae). Coleopterists Bull 52:31–34. [#4548]
- Nelson GH, MacRae TC (1990) Additional notes on the biology and distribution of Buprestidae (Coleoptera) in North America, part III. Coleopterists Bull 44(3):349–354. [#1864]
- Nelson GH, Westcott RL (1976) Notes on the distribution, synonymy, and biology of Buprestidae (Coleoptera) of North America. Coleopterists Bull 30(3):273–284. [#1861]
- Nelson GH, Westcott RL (1991) Review of the pulchellus group of *Agrilus* with descriptions of new species (Coleoptera: Buprestidae). Coleopterists Bull 45(2):121–142. [#1862]
- Nelson GH, Verity DS, Westcott RL (1981) Additional notes on the biology and distribution of Buprestidae (Coleoptera) of North America. Coleopterists Bull 35(2):129–151. [#1903]
- Nelson GH, Westcott RL, MacRae TC (1996) Miscellaneous notes on Buprestidae and Schizopodidae occurring in the United States and Canada, including descriptions of previously unknown sexes of six *Agrilus* Curtis (Coleoptera). Coleopterists Bull 50(2):183–191. [#3975]
- Nelson GH, Walters GC, Haines RD, Bellamy CL (2008) A catalog and bibliography of the buprestoidea of America north of Mexico. The Coleopterists Society, Special publication no. 4, 274 pp. [#8377]
- Nicolay AS (1919) A list of the Buprestidae and Cerambycidae taken on Long Island. N Y Bull Brooklyn Entomol Soc 14(1):17–20. [#1908]
- Niehuis M (1974) Zur Kenntnis der Prachtkäfer des Südens von Rheinland–Pfalz und angrenzender Gebiete (Coleoptera: Buprestidae). Mainzer Naturwissenschaftliches Archiv 13:213–227. [#3629]
- Niehuis M (1988a) Die Familie der Prachtkäfer im Nahetal. Der Landkreis Bad Kreuznach bietet den wärmeliebender Insekten besonders günstige Lebensbedingungen. Bad Kreuznacher Heimatblätter 4, 2–4 (14–16). [#3384]
- Niehuis M (1988b) Die Prachtkäfer (Coleoptera: Buprestidae) in Rheinland–Pfalz. Mainzer Naturwissenschaftliches Archiv, Beiheft 9:1–196. [#1912]
- Niehuis M (1989) *Agrilus oliveri* n. sp. aus der Türkei (Coleoptera: Buprestidae). Acta Coleopterologica, München 2:33–40. [#1913]
- Niehuis M (1992) *Agrilus sylviae* n. sp. ein neuer pistaciophager *Agrilus* aus dem Nahen Osten (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 17(4):209–217. [#1921]

- Niehuis M (1997) Der Prachtkäfer *Agrilus ribesii* Schaefer, 1946 (Coleoptera: Buprestidae) neu in der Rheinprovinz und in Rheinland–Pfalz. Mitteilungen der Arbeitsgemeinschaft Rheinischer Koleopterologen, Bonn 7(2):67–71. [#4352]
- Niehuis M (1999a) *Agrilus cyanescens johanidesi* n. ssp. (Coleoptera: Buprestidae). Mitteilungen der Arbeitsgemeinschaft Rheinischer Koleopterologen, Bonn 24:35–41. [#4829]
- Niehuis M (1999b) *Agrilus viridicaerulans rubi* Schaefer, 1937, neu für Hessen, mit einigen kritischen Anmerkungen zur Diagnose. (Coleoptera: Buprestidae). Mitteilungen der Arbeitsgemeinschaft Rheinischer Koleopterologen, Bonn 24:121–126. [#4832]
- Niehuis M (2001) Wiederfund von *Agrilus guerini* Lac. nach über 115 Jahren in der Rheinprovinz (Col., Buprestidae). Mitteilungen der Arbeitsgemeinschaft Rheinischer Koleopterologen, Bonn 11(4):196–201. [#5347]
- Niehuis M (2004) Die Prachtkäfer in Rheinland–Pfalz und im Saarland. Zugleich Beiheft 31 der Schriftenreihe “Fauna und Flora in Rheinland–Pfalz”. Landau, Gesellschaft für Naturschutz und Ornithologie Rheinland–Pfalz e. V. (GNOR), 712 pp, figs. [#6762]
- Niehuis M (2006) *Agrilus* (*Quercuagrilus*) *ziegleri* n. sp. – ein neuer Prachtkäfer aus Bulgarien (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 31(1–2):23–29. [#7980]
- Niehuis M, Bernhard D (2005) *Agrilus rosei* n. sp. ein neuer Prachtkäfer aus Frankreich (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 30(1–2):1–8. [#7127]
- Niehuis M, Bettag E (1987) *Agrilus acutangulus* Théry – ein für die Bundesrepublik neuer Prachtkäfer (Coleoptera: Buprestidae) in der Pfalz. Pfälzer Heimat, Speyer 38(4):178–181. [#3386]
- Niehuis M, Peschel R (2010) Zum Vorkommen von *Agrilus mendax* Mannerheim, 1837 in Deutschland (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 35:43–53. [#8911]
- Niehuis M, Tezcan S (1993) Beitrag zur Kenntnis der *Agrilus*–Arten der Türkei (Coleoptera: Buprestidae). Mitteilungen des Internationalen Entomologischen Vereins 18(1–2):1–74. [#1910]
- Nikitskii NB, Izhevskii SS (2005) Жуки–силофаги – вредители древесных растений России. Xylophagous beetles – pests of arboreal plants of Russia. Москва, Лесная промышленность [Lesnaya Promyshlennost Publishers], 120 pp, (in Russian with English summary) [#9621]
- Nikitskii NB, Mamontov SN (2008) Novye dannye o ksilofil’nykh zhestkokryl’ykh (Coleoptera) lesov Tul’skoi oblasti. Evraziatskii èntomologicheskii zhurnal 7:126–132, (in Russian with English subtitle and summary) [#8977]
- Nikitskii NB, Bibin AR, Dolgin MM (2008) Ksilofil’nye zhestkokrylye (Coleoptera) Kavkazskogo gosudarstvennogo prirodnogo biosfernogo zapovednika i sopredel’nykh territorii. Xylophilous beetles (Coleoptera) of the Caucasian State biospheric natural reserve and adjacent territories. Rossiiskaya akademiya nauk, Syktyvkar, 452 pp, (in Russian with English subtitle and summary) [#8610]
- Nikritin LM (1994) Yablonnaya zlatka. Zashchita Rastenii, Moscow 3:46, (in Russian) [#8675]
- Nikritin LM, Shutova NN (1985) Yablonnaya zlatka. Zashchita Rastenii, Moscow 1:44, (in Russian) [#4249]
- Nitzl T (1902) Beitrag zur Coleopteren–Fauna Karlsbads und Umgebung. Festschrift zur 74. Versammlung deutscher Naturforscher und Aerzte, Karlsbad 1902, pp 664–674. [#8061]
- Nixon PL, McPherson JE (1977) An annotated list of phytophagous insects collected on immature black walnut trees in southern Illinois. Great Lakes Entomol 10:211–222. [#9559]
- Nord JC, Knight FB, Vogt GB (1965) Identity and biology of an aspen root girdler, *Agrilus horni*. Forest Sci 11(1):33–41. [#1931]
- Nördlinger H von (1880) Lebensweise von Forstkerfen oder Nachträge zu Ratzeburg’s Forstinsekten. Zweite vermehrte Auflage. J. G. Cotta’schen, Stuttgart, 6 + 73 pp. [#4432]
- Nördlinger H von (1884) Lehrbuch des Forstschutzes. Abhandlung des Beschädigungen des Waldes durch Menschen, Thiere und die Elemente ublicher Natur, sowie der dagegen zu ergreifenden Massregeln. Paul Parey, Berlin, XXIV + 520 pp. [#8879]



- Novak P (1952) Kornjaši Jadranskog primorja (Coleoptera). Izdavački zavod Jugoslavenske akademije znanosti i umjetnosti, 521 pp. [#7830]
- Novak P (1964) I Coleotteri della Dalmazia. Atti della Museo Civico di Storia Naturale, Trieste 24(3):53–132. [#6567]
- Novak G (2001) *Agrilus margotanae* n. sp., eine neue Art der *Agrilus roscidus*-Gruppe aus Zypern (Coleoptera, Buprestidae). Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen 53:53–56. [#5081]
- Novak G (2003) *Agrilus relegatoides* sp. n. und *Agrilus hastuliformis* sp. n., zwei neue Arten aus Zypern (Coleoptera, Buprestidae). Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen 55: 69–72. [#6158]
- Novak G, Curletti G (2007) *Agrilus (Diplolophotus) inexpectatus* n. sp., eine neue Art aus Somalia (Coleoptera: Buprestidae). Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen 59(1/2):37–40. [#8039]
- Noyes JS (1990) A new genus and species of encyrtid (Hymenoptera, Chalcidoidea) parasitoid of the eggs of the varicose borer, *Agrilus sexsignatus* (Fisher) (Coleoptera, Buprestidae), a pest of bagras (*Eucalyptus deglupta* Blume) in the Philippines. J Nat Hist 24(1):21–25. [#4230]
- Nüsslin O (1905) Leitfaden der Forstinsektenkunde. Paul Parey, Berlin vi + 454 pp. [#8992]
- Obenberger J (1916) Studien über paläarktische Buprestiden. I. Teil. Wiener Entomologische Zeitung 35(8–10):235–278. [#1983]
- Obenberger J (1917) Studien über paläarktische Buprestiden. II. Teil. Wiener Entomologische Zeitung 36:209–218. [#1997]
- Obenberger J (1920) Über einige interessante Buprestiden aus der Sinaihalbinsel. Entomologische Blätter 16:83–89. [#2014]
- Obenberger J (1924) Symbolae ad specierum regionis palaearcticae Buprestidarum cognitionem. Jubilejní Sborník Československé Společnosti Entomologické 1924:6–59. [#2040]
- Obenberger J (1927) *Agrilus communis mokrzeckii* n. ssp., oraz uwagi nad *Agrilusami* z grupy *A. viridis* (Col., Buprestidae). *Agrilus communis mokrzeckii* n. ssp., nebst Bemerkungen über die *Agriilen* der *viridis*-Gruppe (Col., Buprestidae). Annales Zoologici Musei Polonici Historiae Naturalis 6(3):195–250. [#2064]
- Obenberger J (1931) Příspěvek k poznání javanských krasců. De nonnullis insulae Javae Buprestidarum speciebus. Časopis Československé Společnosti Entomologické 28:35–39. [#2092]
- Obenberger J (1933) *Agrilus*-Studien II (Col. Buprest.). Einige neue neotropische *Agrilus*-Arten. Wiener Entomologische Zeitung 50(1–2):6–24. [#2121]
- Ogloblin DA, Reichardt AN (1932) Otryad Coleoptera. Zhuki, pp 273–327. In: Stackelberg AA (ed) Spisok vrednykh nasekomykh SSSR i sopredel'nykh stran. Chast' I, Vrediteli sel'skogo khozyaistva, Verzeichnis der schädlichen Insekten der paläarktischen region. Teil I. Schädlinge der Landwirtschaft. Tipografya Pechatnaya, Leningrad, 500 pp. [#8654]
- Ohaus F (1944) Zur Lebensweise des *Agrilus sexguttatus* Brahm (Col. Buprest.). Anzeiger für Schädlingkunde, Berlin/Hamburg 20(4–6):13–16. [#8196]
- Ohgushi R (1963) Development of ovary and pre-oviposition period of citrus flat-headed borer, *Agrilus auriventris* Saunders under laboratory conditions. Japan J Appl Entomol Zool 7(2):92–96, (in Japanese with English subtitle and summary) [#5415]
- Ohgushi R (1966a) Ecological studies on the citrus flat-headed borer, *Agrilus auriventris* Saunders. I. Season of emergence. Japan J Appl Entomol Zool 10:55–63, (in Japanese with English subtitle and summary) [#8729]
- Ohgushi R (1966b) Studies on the ecology of citrus flat-headed borer [*Agrilus auriventris* Saunders]. 2. Environmental conditions and infestation. Proc Hort Soc Japan 35:361–366, (in Japanese with English summary) [#7018]
- Ohgushi R (1978) On an outbreak of the citrus flat-headed borer, *Agrilus auriventris* E. Saunders in Nagasaki prefecture. Res Population Ecol 9:62–74. [#7015]
- Ohmomo S (2002) Buprestid beetles (Coleoptera: Buprestidae) new to Japanese fauna (Part 1). Entomol Rev Japan 57(2):155–164. [#5750]

- Ohmomo S (2004) Buprestid beetles (Coleoptera: Buprestidae) new to Japanese fauna (Part 2). *Entomol Rev Japan* 59(2):135–143. [#6850]
- Ohmomo S (2005) Buprestid beetles (Coleoptera: Buprestidae), new to Japanese fauna (Part 3). *Entomol Rev Japan* 60(2):235–242. [#7253]
- Ohmomo S (2006) Buprestid beetles new to the Japanese fauna: Part 4 (Coleoptera: Buprestidae). *Pan–Pacific Entomol* 82(2):242–249. [#7546]
- Ohmomo S (2011) Buprestid beetles new to the Japanese fauna: Part 5 (Coleoptera: Buprestidae). Special publication of the Japanese Society of Scarabaeoidology 1:209–216. [#9070]
- Ohmomo S, Fukutomi H (2013) The buprestid beetles of Japan. *Mushi–Sha iconographic series of insects* 7, Tokyo, 206 pp. [#9491]
- O’kane WC (1912) *Injurious insects how to recognize and control them*. MacMillan Company, New York, XI + 422 pp. [#7347]
- Oken L (1836) *Allgemeine Naturgeschichte für all Stände. Fünften Bandes dritte Abtheilung, oder Thierreich, zweiten Bandes letzte Abtheilung*. Hoffmann’sche Verlags–Buchhandlung, Stuttgart. [#4439]
- Orlova–Bienkowskaja MJ (2013a) *Tetrops starkii* (Coleoptera: Cerambycidae) и *Agrilus convexicollis* (Coleoptera: Buprestidae) – вредители ясеня, сопутствующие ясеневой изумрудной узкотелой златке, pp 67–68. In: VII Чтения памяти О. А. Катаева. Вредители и болезни древесных растений России/Материалы международной конференции. Санкт–Петербург, 25–27 ноября 2013 г./под ред. А. В. Селиховкина и Д. Л. Мусолина. – СПб.: СПбГУ, 136 с. The Kataev Memorial Readings – VII. Pests and diseases of woody plants in Russia/Proceedings of the international conference. Saint Petersburg (Russia), 25–27 Nov 2013/Selikhovkin AV, Musolin DL (eds) – Saint Petersburg (Russia): Saint Petersburg State Forest Technical University, 136 pp. (in Russian) [#9581]
- Orlova–Bienkowskaja MJ (2013b) Ashes in Europe are in danger: the invasive range of *Agrilus planipennis* in European Russia is expanding. *Biol Invasion*, unpaginated [5 p]. [#9556]
- Orlova–Bienkowskaja MJ (2013c) Dramatic expansion of the range of invasive ash pest, buprestid beetle *Agrilus planipennis* Fairmaire, 1888 (Coleoptera, Buprestidae) in European Russia. *Entomol Rev* 93(9):1121–1128. [#9739]
- Orlova–Bienkowskaja MJ (2013d) Резкое расширение ареала инвазивного вредителя ясеня, златки *Agrilus planipennis* Fairmaire, 1888 (Coleoptera, Buprestidae), в европейской части России. Dramatic expansion of the range of invasive ash pest, buprestid beetle *Agrilus planipennis* Fairmaire, 1888 (Coleoptera, Buprestidae) in European Russia. *Entomologicheskoe Obozrenie*, 92(4):710–715, (in Russian with English subtitle and summary) [#9738]
- Padij NN (1956) *Massovoe razmnozhenie grabovoi uzkoteloi zlatki v lesakh USSR i mery bor’by s nei*. *Lesnoe khozyaistvo* 9:43–45, (in Russian) [#8601]
- Padij NN (1960) *Rol’ stvolovykh vreditel’ v usykhanii lesnykh nasazhdenii v poles’e i lesostepi USSR*. In: 4. S’ezd vsesoyuznogo entomologicheskogo obshchestva. Leningrad, 29.I.–3.II. 1960 g., *Tezisy dokladov*, Moskva, Leningrad, Izdatel’stvo akademii nauk SSSR, pp 140–142, (in Russian) [#8628]
- Pagliano G (1986) *Aulacidae, Stephanidae ed Evaniidae d’Italia con descrizione di un nuovo Stephanidae del Marocco (Hymenoptera, Ichneumonoidea)*. *Atti della Museo Civico di Storia Naturale, Grosseto* 9–10:5–20. [#6415]
- Paiero SM, Jackson MD, Jewiss–Gaines A, Kimoto T, Gill BD, Marshall SA (2012) *Field guide to the jewel beetles of Northeastern North America (Coleoptera: Buprestidae)*. CFIA, 411 pp. [#9293]
- Palm T (1951) *Die Holz– und Rindenkäfer der nordschwedischen Laubbäume*. *Meddelanden Från Statens Skogsforskningsinstitut* 40(2):1–242. [#9604]
- Palm T (1959) *Die Holz– und Rindenkäfer der Süd– und mittelschwedischen Laubbäume*. *Opuscula Entomologica* 16:374 pp + 93 photos. [#9605]
- Palm T (1962) *Zur Kenntnis der früheren Entwicklungsstadien swedischer Käfer. 2. Buprestiden–Larven, die im Bäumen leben*. *Opuscula Entomologica* 27:65–78. [#3727]

- Palmén E (1946) Materialien zur Kenntnis der Käferfauna im westlichen Swir-Gebiet (Sowjet-Karelien). Helsingforsiae, Tilgmann. Acta Societatis pro Fauna et Flora Fennica 65(3):1–198. [#7730]
- Pandit NC (1998) Incidence of spiral borer *Agrilus acutus* Thunb. (Buprestidae: Coleoptera) on mesta (*Hibiscus cannabinus* Linn.). *Environ Ecol* (Kalyani) 16(1):74–76, figs. [#6287]
- Panzer GWF (1795) *Entomologia germanica exhibens insecta per germaniam indigena secundum classes, ordines, genera, species adjectis synonymis, locis, observationibus*. I. Eleutherata. [Also with title *Deutschlands Insectenfauna oder entomologisches Taschenbuch für das Jahr 1795*]. Felseckerschen Buchhandlung, Nürnberg, 8 + 12 + 368 + 2 pp. [#4041]
- Panzer GWF (1803) *Fauna Insectorum Germaniae initia oder Deutschlands Insecten*. Heft 90, Felsecker, Nürnberg, 24 pp, 24 pls. [#4051]
- Panzer GWF (1806) *Fauna Insectorum Germaniae initia oder Deutschlands Insecten*. Heft 101, Felsecker, Nürnberg, 24 pp, 24 pls. [#4052]
- Pasquet CO (1923) *Coléoptères de la Manche. Mémoires de la société nationale des sciences naturelles et mathématiques de Cherbourg*, 39, Quatrième série, Tome IX, pp 1–332. [#9002]
- Passy P (1901) *Agriculture fruitière. L’Agrilus sinuatus*. *Le Jardin* 333:314–315. [#8985]
- Paulian A (1978) Contribution à la connaissance de la faune entomologique de la Corse. 2e note: Buprestidae. *L’Entomologiste*, Paris 34:188–194. [#2424]
- Paulian R (1998) Les insectes de Tahiti. Société nouvelle des éditions Boubée, Paris, pp 108–110. [#7390]
- Paulian A (2005) Les Phaenops du Var et notes sur divers *Agrilus* (Coleoptera, Buprestidae). *Le Coléoptériste* 8(1):51–53. [#7123]
- Paykull G von (1799) *Fauna Suecica. Insecta. Tomus II*. J. E. Edman, Upsaliae, 234 pp. [#3022]
- Peck SB, Thomas MC (1998) A distributional checklist of the beetles (Coleoptera) of Florida. *Arthropods of Florida and Neighboring Land Areas*, 16, VIII + 180 pp. [#6171]
- Pedersen H, Jørum P (2009) En sikker dansk forekomst af topletet egepragt bille, *Agrilus biguttatus* (Fabricius, 1777) (Coleoptera, Buprestidae). *Entomologiske Meddelelser* 77:19–26. [#8733]
- Péneau J (1911) *Coléoptères de la Loire–Inférieure. (Suite)(1)*. *Bulletin de la Société des Sciences Naturelles de l’Ouest de la France*, Troisième série, Tome I, Première partie, 51[205]–114 [268]. [#8928]
- Péneau J (1913) *Coléoptères de la Loire–Inférieure. Deuxième partie (Suite)*. *Les Buprestides. Bulletin de la Société des Sciences Naturelles de l’Ouest de la France*, Troisième série, Tome III, Première partie, 25 [269]–31 [275]. [#5270]
- Peng Zhongliang, Huang Bangkan (1995) Brief notes on diagnosis and biology of citrus buprestid beetle *Agrilus inamoenus* Kerremans (Coleoptera: Buprestidae). *Wuyi Sci J* 12:98–101, figs, (in Chinese with English subtitle and summary) [#6309]
- Perris E (1851) Notes sur les métamorphoses de divers *Agrilus*, pour servir à l’histoire des Buprestides. *Mémoires de l’Académie des Sciences, Belle–Lettres et Arts de Lyon* 8:107–121. [#3721]
- Perris E (1875) *Fuglene og insekterne. Tidsskrift for populaere fremstillinger, Femte række, Andet bind*, pp 105–124. [#8966]
- Perris E (1877) *Larves de Coleopteres. Deyrolle, Naturaliste, Paris*, 590 + 22 pp. [#3722]
- Petercord R, Delb H (2008) Das Absterben von Buchen – Trockenschäden oder Buchen–Prachtkäfer? *Jahrbuch der Baumpflege* 2008:165–174. [#8387]
- Peterson A (1957) *Larvae of insects. An introduction to nearctic species. Part II, Coleoptera, Diptera, Neuroptera, Siphonaptera, Mecoptera, Trichoptera*. Columbus, 3rd edn, 416 pp. [#6647]
- Petri K (1885) *Ergebnisse entomologischer Excursionen im Gebiete Schässburgs. Schässburg. In: Programm evang. Gymnasiums A. B. in Schässburg und der damit verbundenen Lehranstalten. Zum Schlusse des Schuljahres 1884/85 veröffentlicht vom Direktor Daniel Höhr. Buchdruckerei Friedr. J. Horeth, Schässburg*, pp 1–34. [#3910]

- Petrice TR, Haack RA, Strazanac JS, Lelito JP (2009) Biology and larval morphology of *Agrilus subcinctus* (Coleoptera: Buprestidae), with comparisons to the Emerald Ash Borer, *Agrilus planipennis*. *Great Lakes Entomol* 42:173–184. [#8999]
- Peyerimhoff P (1919) Notes sur la biologie de quelques Coléoptères phytophages du Nord-Africain (troisième série). *Ann Soc Entomol France* 88:169–258. [#4139]
- Peyerimhoff P de (1926) Notes sur la biologie de quelques Coléoptères phytophages du Nord-Africain (quatrième série). *Ann Soc Entomol France* 95:319–390. [#4141]
- Peyerimhoff P de (1931) Mission scientifique du Hoggar envoyée de Février à Mai 1928. Coléoptères. *Memoires de la Société d'Histoire Naturelle de l'Afrique du Nord*, no 2, 172 pp, 3 pls, 2 maps. [#4497]
- Pic M (1909) Catalogue analytique et raisonné des Coléoptères de Saône-&-Loire et des départements limitrophes par M. l'Abbé Viturat et M. Louis Fauconnet continue par M. Maurice Pic. *Bulletin de la Société d'Histoire Naturelle d'Autun* 22:145–200. [#5295]
- Pierce WD (1917) Manual of dangerous insects likely to be introduced in the United States through importations. *United States Department of Agriculture* 1917:256. [#6667]
- Pierre A (1905) Nouvelles cecidologiques de centre de la France. *Marcellia* 4:149–183. [#9609]
- Pjatakowa V (1930) Beitrag zur Coleopteren – Fauna Podoliens (Gruv.). *Entomologischer Anzeiger* 10:71–74. [#8320]
- Plokhikh VS (1969) K biologii i èkologii temnoi zlatki *Agrilus ater* L. (Coleoptera, Buprestidae) – stolovogo vreditelya topolei. *Èntomologicheskoe Obozrenie* 48(3):493–499, (in Russian) [#3723]
- Pochon H (1963) Buprestidenausbeute aus Spanien (Catalonien) und Neubeschreibung zweier “*Agrilus*”. *Miscelánea Zoológica, Barcelona* 1(5):65–70. [#2469]
- Pochon H (1964) Coleoptera. Buprestidae. *Insecta Helvetica, Fauna* 2. Imprimerie la concorde, Lausanne [#2470]
- Pomerancev DV (1938) Uzkotelye zlatki kak vrediteli lesa. *Lesnoe khozyaistvo* 5:13–20, (in Russian) [#4977]
- Popo A (1978) Faunistička monografija Buprestidae SR Bosne i Hercegovine (Coleoptera, Sternoxia). *Glasnik Zemaljskog muzeja, Sarajevo, Prirodne nauke, N. S.*, 17:249–292, (in Serbian with German summary) [#3499]
- Preller CH (1862) Die Käfer von Hamburg und Umgegend. Ein Beitrag zur nordalbingischen Insektenfauna. *Otto Meissner, Hamburg*, XII + 158 pp. [#8876]
- Pripisnova MG (1965) Vrednaya èntomofauna tugainoi drevesno-kustarnikovoï rastitel'nosti yuzhnogo Tadzshikistana. *Dushanbe*, 117 pp, (in Russian) [#8633]
- Prokhorov AV (2009) К изучению златок (Coleoptera: Buprestidae) Вольнского полесья Украины. To the study of buprestid beetles (Coleoptera: Buprestidae) of Volyn, Ukraine. *Izvestiya Khar'kovskogo èntomologicheskogo obshchestva*, 2008 16(1–2):26–29, (in Ukrainian with English subtitle and summary) [#9353]
- Prokhorov AV (2010) Аннотированный список жуков-златок (Coleoptera: Buprestidae) лесостепной и степной зон Украины. Annotated list of buprestid beetles (Coleoptera: Buprestidae) of the wood-and-steppe and steppe zones of Ukraine. *Ukrains'ka entomofaunistika* 1(4):1–72, (in Russian with English subtitle and summary) [#9020]
- Puton A (1883) L'*Agrilus sinuatus* destructeur des poiriers. *Revue d'Entomologie* 2:67–69. [#6712]
- Quaintance AL (1913) Remarks on some of the injurious insects of other countries. *Proc Entomol Soc Washington* 15(2):54–86. [#9778]
- Quayle HJ (1938) Insects of citrus and other subtropical fruits. *Comstock, Ithaca*, XI + 583 pp. [#7340]
- Ramsden M, McDonald J, Wylie FR (2002) Forest pests in the South Pacific region: a review of the major causal agents of tree disorders. *Department of Primary Industries, Agency for Food and Fibre Science, Brisbane*, 30 pp. [#9641]
- Rapp O (1934) Die Käfer Thüringens unter besonderer Berücksichtigung der faunistisch-ökologischen Geographie auf Grund der Literatur, der Beiträge zahlreicher Entomologen

- und eigener Beobachtungen im Auftrage der Akademie gemeinnütziger Wissenschaften zu Erfurt. II. Band. im Selbstverlag des Verfasser, Erfurt, 790 pp. [#8272]
- Ratel L (2006) *Agrilus sinuatus* Olivier (Coleoptera Buprestidae), un fleau pour l'arboriculture fruitière. Bulletin de la Societe Entomologique du nord de la France 321:9–12. [#9214]
- Ratzeburg JTC (1837) Die Forst–Insecten oder Abbildung und Beschreibung der in den Wäldern Preussens und der Nachbarstaaten als schädlich oder nützlich bekannt gewordenen Insekten. In systematischer Folge und mit besonderer Rücksicht auf die Vertilgung der Schädlichen. Erster Theil. Die Käfer. Nicolai Buchhandlung, Druckerei der Königlichen Akademie der Wissenschaften, Berlin, X + 202 pp. [#2498]
- Ratzeburg JTC (1839a) Die Forst–Insecten oder Abbildung und Beschreibung der in den Wäldern Preussens und der Nachbarstaaten als schädlich oder nützlich bekannt gewordenen Insekten. In systematischer Folge und mit besonderer Rücksicht auf die Vertilgung der Schädlichen. Erster Theil. Die Käfer. Zweite mit Zusätzen und Berichtigungen vermehrte Auflage. Nicolai'sche Buchhandlung, Berlin, XVI + 247 pp, 20 col. pls. [#2499]
- Ratzeburg JTC (1839b) Erster Nachtrag zu Ratzeburg's Forst–Insecten. Band I. (Käfer) oder Veränderungen der zweiten Ausgabe aus der zweiten Ausgabe desselben Werkes besonders abgedruckt. Nicolai Buchhanlung, Druckerei der Königlichen Akademie der Wissenschaften, Berlin, 55 pp. [#3675]
- Ratzeburg JTC (1844) Die Forst–Insecten oder Abbildung und Beschreibung der in den Wäldern Preussens und der Nachbarstaaten als schädlich oder nützlich bekannt gewordenen Insekten. In systematischer Folge und mit besonderer Rücksicht auf die Vertilgung der Schädlichen. Dritter Theil. Die Ader–, Zwei–, Halb–, Netz– und Geradflüger. Nicolai Buchhandlung, Druckerei der Königlichen Akademie der Wissenschaften, Berlin, 314 pp + [8] + 16 col. pls. [#8764]
- Rätzer A (1893) Nachträge zur Fauna coleopt. Helvetiae besonders aus dem Gebiete des berner Seelandes, des Jura und Walliser Alpen. Mittheilungen der schweizerischen entomologischen Gesellschaft 8(1–10):20–42. [#9008]
- Recalde Irurzun JI, San Martín Moreno AF (2003) Coleópteros xilófagos asociados a ramas de Quercus muertas por la acción del bupréstido *Coraebus florentinus* (Herbst, 1801) en la Navarra media. Heteropterus Revista de Entomología 3:43–50. [#6983]
- Redtenbacher L (1874) Fauna Austriaca. Die Käfer. Nach der analytischen methode bearbeitet. Dritte, gänzlich umgearbeitete und bedeutend vermehrte Auflage. Erster Band, Wien, Verlag von Carl Gerold's Sohn, CLIII + 571 pp, 2 pls. [#3784]
- Reh L (1913) Handbuch der Pflanzenkrankheiten von Prof. Dr. Paul Sorauer. Dritter Band. Die tierischen Feinde. Paul Parey, Berlin, 774 pp. [#8153]
- Reh L (1927) Handbuch der Pflanzenkrankheiten. Fünfter Band. Tierische Schädlingen an Nutzpflanzen. Zweiter Teil. Vierte, neubearbeitete Auflage. Paul Parey, Berlin, XIV + 1032 pp. [#8947]
- Reißmann K (2001) Bemerkungen zu *Agrilus biguttatus* F. 1777. Coleo 2:58–60. [#5983]
- Reitter E (1870) Uebersicht der Käfer–Fauna von Mähren und Schlesien. Verhandlungen des naturforschenden Vereines in Brünn, Sonderabdruck aus dem VIII. Bande, V + 195 pp. [#4393]
- Rey C (1891) Remarques en passant. Buprestides (Suite). L'Échange, Revue Linnéenne, 7(75):19–20. [#3666]
- Rikhter AA (1945) Obzor zlatok Èvropetskoi chasti SSSR (Coleoptera, Buprestidae). Zoologicheskii sbornik, Akademya nauk Armyanskoi SSR 3:131–176, (in Russian with English summary) [#3507]
- Rikhter AA (1948) Buprestidae – Zlatki, pp 383–396. In: Tarbinskii SP, Plavilshchikov NN (eds) Opredelitel' nasekomykh Evropeiskoi chasti SSSR. Sel'khozgiz, Moskva – Leningrad, 1128 pp. (in Russian) [#3879]
- Rikhter AA (1950) 6. Semeistvo Buprestidae, pp 152–165. In: Bei Bienko GY (ed) Opredelitel' nasekomykh, povrezhdayushchykh derev'ya i kustarniki polezashchitnykh polos. Opredelitel' po faune SSSR, izdavaemye Zoologicheskim institutom Akademii Nauk SSSR, Izdatel'stvo Akademii nauk SSSR, Moskva – Leningrad, 440 pp, (in Russian) [#3881]

- Rikhter AA, Alexeev AV (1965) 48. Sem. Buprestidae–Zlatki. In: Guryeva EL, Kryzhanovskii OL (eds) 1965: *Opredelitel' nasekomykh Èvropetskoi chasti SSSR. Zhestkokrylye i veerokrylye. Tom II*, Nauka, Moskva–Leningrad, pp 283–303, 668 pp, (in Russian) [#2522]
- Roberts H (1987) DPI entomology bulletin: no. 45. Forest insect pests of Papua New Guinea. 1. Under-bark borers of kamarere and Terminalias–Agrilus beetles. *Harvest* 12(2):59–64. [#6130]
- Rodriguez Saona C, Poland TM, Miller JR, Stelinski LL, Grant GG, Groot P de, Buchan L, MacDonald L (2006) Behavioral and electrophysiological responses of the emerald ash borer, *Agrilus planipennis*, to induced volatiles of Manchurian ash, *Fraxinus mandshurica*. *Chemoecology* 16:75–86. [#8239]
- Roger J (1856) Verzeichniss der bisher in Oberschlesien aufgefundenen Käferarten. *Zeitschrift für Entomologie, Breslau* 10:1–132. [#7468]
- Rohwer SA (1919) Descriptions of three parasites of *Agrilus angelicus* (Hym.). *Proc Entomol Soc Washington* 21:4–8. [#7469]
- Romanenko KE (1976) Malaya fistashkovaya zlatka (*Agrilus pistaciophagus* Al. et Kulin.) – skrytnostvolovyi vreditel' fistashki. *Èntomologicheskie issledovaniya v Kirgizii*, Vypusk XI. (Frunze, Izdatel'stvo Ilim), pp 64–67, (in Russian) [#8635]
- Rosenhauer WG (1842) Ueber die an und in alten Zäunen lebenden Käfer. *Stettiner Entomologische Zeitung* 3:162–165. [#8855]
- Rosenhauer WG (1847) Beiträge zur Insekten – Fauna Europas. Erstes Bändchen; enthält die Beschreibung von sechzig neuen Käfern aus Bayern, Tyrol, Ungarn etc., so wie die Käfer Tyrols nach dem Ergebnisse von vier Reisen. Blaesing, Erlangen, X + 160 pp, 1 pl. [#2532]
- Rosenhauer WG (1882) Käfer–Larven. *Stettiner Entomologische Zeitung XLIII*:3–32. [#8755]
- Rosewall OW (1920) Wood-boring beetles of black locust. *Canadian Entomol* 52:203. [#7471]
- Ruggles A (1918) Life history of an oak twig girdler, *Agrilus arcuatus* Say and var. *torquatus* Lec. Annual report of the State Entomologist of Minnesota, 17th report, pp 15–20. [#9543]
- Ruicanescu A (1993) Contribuții la cunoașterea din punct de vedere faunistic și ecologica speciilor genului *Agrilus* CURTIS, din câteva puncte aparținând la 5 zone diferite din România (Coleoptera: Buprestoidea). Contributions to faunistic and ecological knowledge of *Agrilus* from some sites belonging to five different areas in Romania (Coleoptera: Buprestoidea). *Buletin de informare Societa lepidopterologică romana* 4(4):203–212, (in Romanian with English subtitle and summary) [#3257]
- Ruicanescu A (1995) Contribuții la studiul faunistic și ecologic al buprestoideelor din Rezervatia Biosferei Delta–Dunarii (Coleoptera, Buprestoidea). Contributions to the faunistic and ecological studies of the jewel beetles from the Danube Delta Biosphere Reservation (Coleoptera: Buprestoidea). *Buletin de informare Societa lepidopterologică romana* 6(1–2):105–122, (in Rumanian, with English subtitle and summary) [#3204]
- Rungs C (1937) Un nouvel ennemi du Chêne–liège au Maroc. *Bulletin de la Société des Sciences Naturelles et Physiques du Maroc* 17:13–14. [#9614]
- Rungs C, Schaefer L (1948) Un nouvel ennemi du pommier cultivé au Maroc. *Revue de Pathologie végétale et d'Entomologie agricole de France* 27(3):121–124. [#3514]
- Saenz JA, Mateo JM (1990) Captura de *Agrilus* (*Anambus*) *biguttatus* (Fabricius, 1777) en la provincia de Cádiz (Coleoptera, Buprestidae). *Bol GR Ent Madrid* 5:71. [#6580]
- Sainte Claire Deville J (1935) Catalogue raisonné des coléoptères de France. L'Abbeille, *J d'Entomologie XXXVI*(2):161–264. [#8551]
- Sakalian VP (1990) Novi faunistichni danni za b'lgarski vidove ot semeistvo Buprestidae (Coleoptera). *Acta Zoologica Bulgarica* 40:67–71, (in Bulgarian with English summary) [#3517]
- Sakalian VP (2000) Contribution to the knowledge of the jewel beetles of Albania (Coleoptera: Buprestidae). *Beiträge zur Entomologie, Berlin* 50(1):91–101. [#5128]
- Sakalian VP (2003) New data for the distribution of jewel beetles (Coleoptera: Buprestidae) in Turkey. *Acta Zoologica Bulgarica* 55(1):5–10. [#5826]
- Sakalian VP (2004) Contribution to the Knowledge of the Jewel Beetles (Coleoptera: Buprestidae) the of Balkan Peninsula. I. *Acta Zoologica Bulgarica* 56(2):175–179. [#6728]

- Salavatian M (1950) Quelques Buprestides de l'Iran. *Entomologie et Phytopathologie Appliquées*, Tehran, 11:6–11 (in French), 19–26 (in Persian). [#5627]
- Samedov NG (1963) Fauna i biologiya zhukov vredyashchikh sel'skokhozyaystvennym kul'turam v Azerbaidzhiane. Baku, Izdatel'stvo Akademii Nauk Azerbaidzhianskoi SSR, Institut Zoologii, 384 pp. (in Russian) [#6091]
- Samouelle G (1819) *The entomologist's useful compendium; or an introduction to the knowledge of British Insects*. T. Boys, London, 496 pp, 12 pls. [#7071]
- Sanderson ED (1912) *Insect pests of garden and orchard*, 1st edn. Wiley & sons, London, Chapman & Hall, XII + 703 pp. [#7337]
- Saunders E (1873) Descriptions of Buprestidae collected in Japan by George Lewis, Esq. *J Proc Linnean Soc Lond Zool* 11:509–523. [#2554]
- Savkovskii PP, Rybalov LN (1981) Biologicheskie osobennosti smorodinovoi zlatki (*Agrilus viridis* L.). Biological properties of *Agrilus viridis* L. *Vestnik Zoologii* 1981(1):82–86. [#6092]
- Say T (1823) Descriptions of Coleopterous Insects collected in the late expedition to the Rocky Mountains, performed by order of Mr. Calhoun, Secretary of War, under command of Major Long. *J Acad Nat Sci Phil* 3(1):139–216. [#2559]
- Schaefer L (1933) Captures intéressantes de Buprestides. *Misc Entomol* 34:81–82. [#7497]
- Schaefer L (1934) Notes sur quelques Buprestides. *Bulletin mensuel de la Société Linnéenne de Lyon*, (N.S.) 3:128–131. [#4394]
- Schaefer L (1936a) Deuxième note sur les Buprestides. *Misc Entomol* 37(1):5–9. [#3278]
- Schaefer L (1936b) Notes de chasse pour 1936. *Misc Entomol* 37(9):85–87. [#3277]
- Schaefer L (1937a) Travaux du cercle amical des Coléoptéristes de Paris Ire section de l'union Entomologique. Notes biologiques sur les Buprestides. (suite). *Misc Entomol* 38:49–52. [#3280]
- Schaefer L (1937b) Quatrième note sur les Buprestides. *Misc Entomol* 38:82–85. [#3570]
- Schaefer L (1939) Notes de chasse pour 1939. *Bulletin mensuel de la Société Linnéenne de Lyon* 8(9):217–220. [#3282]
- Schaefer L (1940) Notes biologiques sur les Buprestides (suite). *Annales de la Société d'Histoire Naturelle de Toulon*, pp 64–72. [#3572]
- Schaefer L (1941) Septième note sur les Buprestides. *Bulletin mensuel de la Société Linnéenne de Lyon* 10:73–76. [#3577]
- Schaefer L (1946a) Formes nouvelles de Buprestides. *Bulletin mensuel de la Société Linnéenne de Lyon* 6:71–73. [#3288]
- Schaefer L (1946b) L'*Agrilus* nuisible au Cassis (Col., Bupr.). *Bulletin mensuel de la Société Linnéenne de Lyon* 9:107–108. [#3585]
- Schaefer L (1949a) Catalogue des Buprestides de la region Lyonnaise. *Bulletin mensuel de la Société Linnéenne de Lyon* 18(4):57–64. [#3285]
- Schaefer L (1949b) Les Buprestides de France. Tableaux analytiques des Coléoptères de la faune franco-rhénane. France, Rhénane, Belgique, Hollande, Valais, Corse. Famille LVI. *Misc Entomol Supplément*, 511 pp, 28 pls. [#2565]
- Schaefer L (1951) Contribution à la connaissance des Coleoptères des Pyrénées-Orientales. *Misc Entomol* 46:83–109. [#3283]
- Schaefer L (1953) Contribution à la connaissance des Coléoptères des Pyrénées-Orientales. Deuxième note. *Misc Entomol* 47:73–84. [#3600]
- Schaefer L (1955) Les Buprestides de France. *Misc Entomol, Supplément* 48:1–41. [#2572]
- Schaefer L (1959a) Notes entomologiques sur le bois de Valbonne (Gard). *Annales de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault* 99:194–200. [#3756]
- Schaefer L (1959b) Contribution à la connaissance des Coleoptères des Pyrénées-Orientales (Troisième note). *Bulletin mensuel de la Société Linnéenne de Lyon* 28(7):222–235. [#3284]
- Schaefer L (1961a) Note sur deux *Agrilus* (Col. Buprestidae). *Annales de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault* 101(2):86–90. [#2574]
- Schaefer L (1961b) La biocénose coléoptérologique du pin de Salzmann dans l'Hérault. *Annales de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault* 101(3):157–179. [#3757]

- Schaefer L (1963) Coléoptères Buprestides, pp 6–38. In: Faune terrestre et d'eau douce des Pyrénées-Orientales. Fascicule 7. Vie et Milieu, Supplement 14. [#3591]
- Schaefer L (1964) Dix voyages entomologiques en Corse. Annales de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault, 104 (2, 3, 4):119–134, 185–203, 269–286. [#2575]
- Schaefer L (1968) Coléoptères nouveaux ou intéressants pour le Languedoc-Roussillon et confins. Annales de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault 108(2):73–83. [#2577]
- Schaefer L (1972) Catalogue des Coléoptères Buprestides de France (fin). Bulletin mensuel de la Société Linnéenne de Lyon 41(8):155–164. [#2579]
- Schaefer L (1984) Les Buprestides de France. Mise à jour 1983. Misc Entomol 50:1–15. [#2580]
- Schaefer L (1985) Captures intéressantes de coleopteres dans l'Hérault. Annales de la Société d'Horticulture et d'Histoire Naturelle de l'Hérault 125(3):42–47. [#8072]
- Schaefer L, Veyret P (1936) Coléoptères nouveaux, rares ou intéressants pour le département. Annales de la Société d'Histoire Naturelle de Toulon 20:139–146. [#3279]
- Schaeffer C (1905) Some additional new genera and species of Coleoptera found within the limit of the United States. Sci Bull, Museum of the Brooklyn Institute of Arts and Sciences 1(7):141–179. [#2583]
- Schaffuss C (1911) Heft 20, pp 657–708. In: Calwers Käferbuch CG, 1907–1916, Naturgeschichte der Käfer Europas. Sechste, völlig umgearbeitete Auflage, 26 Lieferungen, Stuttgart, Sprösser & Nägele, 88 + 1390 pp + 3 pls + 48 col. pls. [#5282]
- Schimitschek E (1944) Forstinsekten der Türkei und ihre Umwelt. Grundlagen der türkischen Forstentomologie. Volk und Reich Verlag Prag, Amsterdam/Berlin/Wien, 371 pp. [#3523]
- Schiödte JMC (1864) Danmarks Buprestes og Elateres. Naturhistorisk Tidsskrift 3(3):441–568. [#2595]
- Schiödte JMC (1870) De metamorphosi Eleutheratorum observationes. Naturhistorisk Tidsskrift 6(3):353–378, 2 pls. [#5288]
- Schlosser Klekovski JK (1878) Fauna Kornjašah Trojedne Kraljevine. Svezak drugi. L. Hartman, Zagreb, 726 pp, (in Croatian) [#4751]
- Schmidt G (1937) Ergänzungen und Berichtigungen zu: A. Horion, Nachtrag zu Fauna Germanica Käfer. Entomologische Blätter 33(4):262–267. [#5323]
- Schönherr J, Krautwurst K, Rössler W (1983) Schadinsekten in Buchenaltholzbeständen. Allgemeine Forstzeitschrift 50:1361–1364. [#9741]
- Schrank von Paula F (1798) Fauna Boica. Durchgedachte Geschichte der in Baiern einheimischen und zahmen Thiere. Erster Band, Nürnberg, in der Stein'schen Buchhandlung, XII + 720 pp. [#5144]
- Schumacher F (1919) Über die in Blätter und Stengeln minierenden Buprestiden. Bemerkungen zu *Agrilus integerrimus* Ratz. in der Mark und zu *Capnodis tenebrionis* in Bayern [as part of Sitzungsberichte]. Deutsche Entomologische Zeitschrift 1919:215–216. [#8434]
- Schwarz EA (1891a) Notes on breeding habits of some scolytids. Proc Entomol Soc Washington 2:77–80. [#9751]
- Schwarz EA (1891b) Coleoptera on black locust. Proc Entomol Soc Washington 2:73–77. [#7602]
- Schwerdtfeger F (1953) Buprestidae (Col.) an Pinus-Arten in Guatemala (1. Beitrag zur Forstentomologie Mittelamerikas). Zeitschrift für angewandte Entomologie 35:164–167. [#9021]
- Scopoli JA (1763) Entomologia Carniolica exhibens insecta Carnioliae indigena et distributa in ordines, genera, species, varietates. Methodo Linnaena. Vindobonae, Typis I. T. Trattner, [30] + 420 + [1] pp (Originally published without plates. Source: Evenhuis, 1997:719 [#8741]). [#2606]
- Scriba W (1861) Kleinere Mittheilungen. Sammelbericht. Berliner Entomologische Zeitschrift 5:189. [#8717]
- Scriba W (1865) Die Käfer im Großherzogthum Hessen und seiner nächsten Umgebung. Berichte der Oberhessischen Gesellschaft für Natur- und Heilkunde 1:1–59. [#8927]



- Scudder GGE (1994) An annotated systematic list of the potentially rare and endangered freshwater and terrestrial invertebrates in British Columbia. *J Entomol Soc Br Colum*, Occasional Paper 2:1–92. [#9662]
- Sekendiz O (1973) Orta Anadolu ve Marmara Bölgelerinde *Agrilus ater* L. (Coleoptera–Buprestidae) Tahribati. The damage caused by *Agrilus ater* in the Marmara region and central Anatolia. *Istanbul Üniversitesi Orman Fakültesi Dergisi* 23:128–137, (in Turkish with French summary) [#7325]
- Sekendiz O (1974) Türkiye hayvansal kavak zararlıları üzerine araştırmalar. Karadeniz Teknik Üniversitesi Genel Yayın No. 62, Orman Fak.Yayın No. 3, Çağlayan Basımevi, İstanbul, pp 198–253. [#8870]
- Semenov Tian Shanskij A (1902) Zamètki o zhestkokrylykh' Evrop. Rossii i Kavkaza. Novaya seriya. XI–XX. *Revue Russe d'Entomologie* 2:16–22. [#4120]
- Serkova LG (1958) Nasekomye–vrediteli trav Bet–Pakdalinskikh pastbishch. *Trudy nauchno–issledovatel'skogo instituta zashchity rastenii, Ural'sk*, IV:105–129, (in Russian) [#8658]
- Sever A, Cranshaw W, Brudenell R (2012) *Agrilus quercicola* (Fisher) (Coleoptera: Buprestidae), the Gambel Oak Borer, as a Pest of *Quercus* spp. *Southwestern Entomol* 37(2):147–150. [#9294]
- Shchevyrev IY (1907) Urok' lesovodstva, prepodannyi zhukami. O rozmozhenii duba kornevymi otrpyrkami (Lesppromyshlenni Vestnik' 1906). *Revue Russe d'Entomologie* 1907:73–74, (in Russian) [#8965]
- Shimizu K, Nakashima Y, Momiki H (1961) On the citrus flat–headed borer *Agrilus auriventris* Saunders. 2. Behavior of adult. *Plant Protection, Kyushu*, 7:57–59, (in Japanese) [#7019]
- Siebke H (1874) *Enumeratio insectorum Norvegicorum. Fasciculus I, Catalogum hemipterorum et orthopterorum continens. A. W. Brøgger, Christiania XII + 255, 1 map.* [#8877]
- Sikes DS (2004) The beetle fauna of Rhode Island: an annotated checklist. The biota of Rhode Island, vol. 3. The Rhode Island natural history survey. Kingston, Rhode Island, 296 pp. [#7233]
- Simandl J (2002) New and interesting records of beetles (Coleoptera) from Bulgaria. *Acta Zoologica Bulgarica* 54(2):59–66. [#6581]
- Simon A (1966) Données pour un Atlas des Coléoptères de l'Europe occidentale. III. – Buprestidae Agrilinae. *Bulletin des Recherches Agronomiques de Gembloux N S* 1(2):299–313. [#3266]
- Sinadskij YV (1957) Vrediteli tyragi v tugainykh lesakh nizovii Amu–Dar'i. *Sbornik rabot po zashchite lesa, Moskva* 1:27–45, (in Russian) [#7355]
- Sinadskij YV (1963) Vrediteli tugainykh lesov Srednei Azii i mery bor'by s nimi. *Nauka, Moskva/Leningrad*, 151 pp, (in Russian) [#5038]
- Škorpík M, Křivan V, Kraus Z (2011) Faunistika krascovitých (Coleoptera: Buprestidae) Znojemska, poznámky k jejich rozšíření, biologii a ochraně. Faunistics of jewel–beetles (Coleoptera: Buprestidae) of the Znojmo region, notes to their distribution, biology and protection. *Thayensia, Znojmo* 8:109–291, (in Czech with English subtitle and summary) [#9173]
- Slingerland MV (1906) The bronze birch borer: an insect destroying the white birch. Cornell University Agricultural Experiment Station of the College of Agriculture, *Bulletin* 234:64–78. [#7616]
- Slivkina KA (1958) Vrediteli derev'ev i kustarnikov lesnykh nasazhdenii v stepnykh i lesostepnykh severnykh raionakh Kazakhstana. *Trudy nauchno–issledovatel'skogo instituta zashchity rastenii, Ural'sk* IV:161–171, (in Russian) [#8660]
- Smith JB (1892a) Notes on blackberry borers and gall–makers. *Annual Report of the Entomological Society of Ontario* (1891) 21:52–54. [#9515]
- Smith JB (1892b) Notes on blackberry borers and gall–makers. *Insect Life* 4:27–30. [#5416]
- Smith JB (1894a) Notes of the Year in New Jersey. *Canadian Entomol* 26:272. [#6726]
- Smith JB (1894b) The pear–borer again. *Garden Forest* 7:448. [#7636]
- Smith JB (1894c) The flat–head pear–borer. *Garden Forest* 7:373–374. [#7635]

- Smith JB (1894d) Notes on the year in New Jersey. *Insect Life* 7(2):185–198. [#6725]
- Smith GW (1895a) *Agrilus sinuatus*. In: Doing of societies. Philadelphia, May 14, 1895. *Entomol News* 6:195–197. [#7639]
- Smith JB (1895b) The sinuate pear borer (*Agrilus sinuatus* Oliv.). New Jersey Agriculture Experiment Station, Bulletin 109:13–24. [#7640]
- Smith JB (1896) Economic entomology for the farmer and fruit-grower, and for use as a text-book in agricultural schools and colleges. J. B. Lippincott, Philadelphia, XII + 481 pp. [#7348]
- Smith JB (1910) The Insects of New Jersey, 3rd edn. Annual report, New Jersey State Museum for 1909. MacCrellish & Quigley, Trenton, 888 pp. [#2634]
- Smith GS (1945) *Agrilus vittaticollis* at Creston, B.C. (Coleoptera, Buprestidae). *J Entomol Soc Br Colum* 42:14. [#9666]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2002) Un nuevo buprestido para la península Ibérica: *Agrilus* (*Anambus*) *auricollis* Kiesenwetter, 1857 (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 30:115–116. [#6221]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2003a) *Agrilus* (*Anambus*) *albugularis* ssp. *perisi* Cobos, 1986 y Sphenoptera (*Chilostheta*) *bedeli* Abeille, 1909, dos buprestidos endémicos de la Península Ibérica (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 32:249–250. [#6547]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2003b) Un nuevo buprestido para la península Ibérica: *Agrilus* (*Anambus*) *convexicollis* Redtenbacher, 1849 (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 33:85–86. [#6688]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2004a) *Agrilus* (*Anambus*) *jacetanus* n. sp. de España (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 34:31–34. [#6687]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2004b) El subgénero *Uragrilus* Semenov, 1935 en la península Ibérica (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 34:111–114. [#6689]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2005a) Nuevos registros de buprestidos españoles (Coleoptera: Buprestidae). New record of Spanish buprestids (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 36:127–130. [#7279]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2005b) *Agrilus* (s. str.) *ibericus* sp. n. de la fauna Española (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 37:99–102. [#7252]
- Sobrinó Sánchez MA, Tolosa Sánchez L (2008) Presencia de *Agrilus* (*Robertius*) *betuleti* (Ratzeburg, 1837) en la Península Ibérica (Coleoptera: Buprestidae). *Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza* 43:375–376. [#9238]
- Sokolov EA, Atanov NM, Zhimerikin VN, Gura NA, Komarova GF, Nikritin LM, Shakhramanov IK (1995) Karantinnye vrediteli, ogranichenno rasprostranennye na territorii Rossijskoi Federacii. *Zashchita Rastenii, Moscow* 5:37–41, (in Russian) [#6372]
- Solomon JD (1995) Guide to insect borers of North American broadleaf trees and shrubs. Agriculture handbook 706. United States Department of Agriculture, Forest Service, Washington, DC, 735 pp, 244 pls. [#7647]
- Somorjai G (1986) Buprestidae of the Kiskunság National Park. In: Mahunka S (ed) The fauna of the Kiskunság National Park I. Akadémiai Kiadó, Budapest, pp 167–173. [#2645]
- Souresh P de (1956) A record of *A. acutus* Thunb. (Buprestidae: Coleoptera) from *Hibiscus esculentus* L. popularly called Vindi. *Sci Cult* 22(5):276. [#8155]
- Soyunov OS (1990) Vidovoi sostav i troficheskie svyazi zlatok zlatok (Coleoptera, Buprestidae) Zaunguzskikh Karakumov. Species composition and trophic links of the buprestid beetles (Coleoptera, Buprestidae) of Zaunguzskiy Kara Kum. *Entomologicheskoe Obozrenie* 69 (2):307–312, (in Russian with English subtitle) [#6341]
- Soyunov OS, Pak SM, Kamlov KK, Dzhallyeva KR (1986) K izucheniyu entomofauny estestvennykh landshaftov Severnogo Turmenistana. In: Kompleksnoe osvonenie zemel' v zone Tuya–Muyunskogo kanala. *Obzornaya informatsiya. Nauchno-issledovatel'skii institut*

- nauchno–tehnicheskoi informatsii i tekhniko–èkonomicheskikh issledovaniï, Ashkhabad, pp 46–56. [#7826]
- Sparacio I (1990) Materiali per un Catalogo di Buprestidi di Sicilia (Coleoptera Buprestidae). *Naturalista Siciliano*, Series 4 14(3–4):71–76. [#2652]
- Sparacio I (1997) Coleotteri di Sicilia. Parte II. L'Epos, Palermo, 206 pp. [#4837]
- Sparacio I (1999) Materiali per un catalogo di Buprestidi di Sicilia. II nota (Coleoptera Buprestidae). *Naturalista Siciliano*, Series 4 23(3–4):501–505. [#5142]
- Sparacio I, Bella S, Turrisi GF (2003) Nuovi dati su coleotteri Buprestidi e Cerambicidi di Sicilia (Insecta Coleoptera Buprestidae et Cerambycidae). *Naturalista Siciliano* 27(1–2):161–168. [#6912]
- Speiser F (1893) Kalocsa környékének bogárfaunája. *Coleoptera regionis Colocensis*. Caloczae, Antonius Malatin, 60 pp. [#9578]
- Stalter R, Serrao J (1983) The impact of defoliation by gypsy moths on the oak forest at Greenbrook sanctuary, New Jersey. *Bull Torrey Bot Club* 110:526–529. [#7218]
- Stark VN (1953) Novyi vid uzkoteloi zlatki (Coleoptera, Buprestidae) iz dubovykh lesov Voronezhskoi oblasti. *Entomologicheskoe Obozrenie* 33:300–301, (in Russian) [#3534]
- Stark VN (1955) Zaderzhka v razvitiï u drevoyadnykh vidov nasekomykh i znachenie ee dlya opredeleniya vozrastnogo sostava i srokov vyleta populjatsii. *Zool Zhurnal* 34(4):775–788, (in Russian) [#3533]
- Starý B (1934) Škody polníka *Agrilus olivicolor* v habrových porostech u Bratislavy. *Lesnická práce*, Písek 13:233–235. [#8604]
- Stebbing EP (1914) *Indian Forest Insects of economic importance*. Coleoptera. Eyre & Spottiswoode, London, 648 pp. [#2658]
- Stein JD, Kennedy PC (1972) Key to shelterbelt insects in the Northern Great Plains. USDA Forest Service, Research paper RM–85, 153 pp. [#9733]
- Stellwaag F (1928) *Die Weinbauinsekten der Kulturländer*. P. Parey, Berlin, 884 pp. [#8165]
- Stepanov VN (1952) Novyi vid zlatki, vredyashchei posadkam zheltoi akacii v polezashchitnykh polosakh Stalinskoi oblasti (Coleoptera, Buprestidae). *Zool Zhurnal* 31(2):272–275. [#3538]
- Stepanov VN (1954) Dva novykh dlya fauny SSSR vida uzkotelykh zlatok roda *Agrilus* Curt. iz podroda *Epinagrilus* V. Stepanov subgen. n. *Zool Zhurnal* 33(1):114–119, (in Russian) [#2662]
- Stepanov VN (1958) Novye dlya fauny SSSR vidy uzkotelykh zlatok roda *Agrilus* Curt. iz Srednei Azii (Coleoptera, Buprestidae). *Trudy gorno-lesnogo gosudarstvennogo zapovednika* 3(1):165–174. [#3664]
- Stephens JF (1839) *A manual of British Coleoptera, or beetles, containing a brief description of all the species of beetles hitherto ascertained to inhabit Great Britain and Ireland, together with a notice of their chief localities, times and places of appearances, etc.* Longman, Orme Brown, Green, and Longmans, London, XII + 443 pp. [#4038]
- Stierlin WG (1893a) C. G. Calwers Käferbuch. *Naturgeschichte der Käfer Europas*. Zum Handgebrauche für Sammler. Herausgegeben von Professor Dr. G. Jäger. Fünfte, bedeutend vermehrte und verbesserte Auflage. J. Hoffmann, Stuttgart, LX + 715 pp, 2 black pls + 48 color pls. [#7652]
- Stierlin WG (1893b) Zweiter Nachtrag zur Fauna coleopterorum helvetica. *Neue Denkschriften der Schweizerischen Gesellschaft für die Gesamten Naturwissenschaften* 28:1–98. [#9016]
- Stierlin WG (1909) Coleopteren–Fauna der Gegend von Schaffhausen. I. Teil. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 11(1–10):167–190. [#9006]
- Stierlin WG, Gautard V (1869) *Fauna coleopterorum helvetica*. Die Käfer–Fauna der Schweiz, I. Theil. *Neue Denkschriften der Schweizerischen Gesellschaft für die Gesamten Naturwissenschaften* 23:1–216. [#8271]
- Stöcklin P (1973) *Agrilus integerrimus* Ratz. (Col.). *Entomologische Notizen* 23(3):116. [#5628]
- Strohmeier H (1912) Kleinere Beobachtungen über verschiedene Forstschädlinge (I. *Agrilus biguttatus*). *Entomologische Blätter* 8:249–251. [#8164]
- Stromberg CW (1894) Notes on Coleoptera. *Canadian Entomol* 26:36–37. [#7662]

- Stumpf W (1997) Nachweise seltener Prachtkäfer in Thüringen (Coleoptera, Buprestidae). *Mitteilungen des Thüringen Entomologenverbandes* 4:9–12. [#4520]
- Stumpf W (2004a) Beobachtungen und Funddaten von Prachtkäfern und seltenen Blatthornkäfern aus dem Jahre 2004 (Coleoptera: Buprestidae, Scarabeidae). *Mitteilungen des Thüringen Entomologenverbandes* 11(2):33–35. [#7369]
- Stumpf W (2004b) Zur Kenntnis der Prachtkäferfauna Thüringens (Coleoptera, Buprestidae) – 1. Nachtrag. *Mitteilungen des Thüringen Entomologenverbandes* 11:32. [#9369]
- Stumpf W (2006) Interessante Nachweise und Beobachtungen von Käfern (Coleoptera) im Jahr 2005. *Mitteilungen des Thüringen Entomologenverbandes* 13:3–6. [#9370]
- Stumpf W (2010) Käfernachweise (Insecta, Coleoptera) im Jahr 2009 aus der Region der Gemeinde Ilmtal (Ilm-Kreis / Thüringen). *Mitteilungen des Thüringen Entomologenverbandes* 17:11–13. [#9372]
- Stumpf W, Stumpf Y, Hartmann M (2001) Lebensweise und Verbreitung der Prachtkäfergattungen *Coraebus* Gory & Laporte, 1839 und *Agrilus* Curtis, 1825 in Thüringen (Coleoptera, Buprestidae [sic!]). *Thüringen Faunistische Abhandlungen* 8:185–214. [#5788]
- Sturm J (1796) Verzeichniss meiner Insecten-Sammlung. gedruckt auf Kosten des Verfasser, Nürnberg, 64 pp, 4 col. pls. [#4850]
- Sujii ER, Fontes EG, Pires CSS, Teixeira CAD (1996) Application of multivariate analysis for the selection of candidates for biological control agents. *Biol Control* 7:288–292. [#7150]
- Supatashvili SM, Shalibashvili GK, Supatashvili AS (1972) Novye predstaviteli vrednoi entomofauny lesov i parkovykh nasazhdenii Gruzii. New representatives of the insect pest fauna of forest and park plantations in Georgia. *Soobshcheniya akademii nauk Gruzinskoi SSR* 68(1):217–220, (in Russian with English subtitle and summary) [#7868]
- Swaine J (1918) A new forest insect enemy of the white birch. *Canadian Forest J* 14:1928–1929. [#7668]
- Szafrański P (1991) Forma populnea Schaefer, 1946 z grupy *Agrilus viridis* (Coleoptera, Buprestidae) w Polsce. Forma populnea Schaefer, 1946 from *Agrilus viridis* group (Coleoptera, Buprestidae) in Poland. *Przegląd Zoologiczny* 35(3–4):283–266, figs, (in Polish with English subtitle and summary) [#4291]
- Szallies A (1995) Bemerkenswerte Käfer aus Baden-Württemberg. *Mitteilungen des Entomologischen Vereins Stuttgart* 30:7–9. [#8786]
- Tamarina NA (1950) O biologii novogo vida zlatki, vredyashchei nasazhdeniyam zheltoi akacii. *Zool Zhurnal* 29(6):569–571, (in Russian) [#4972]
- Tamarina NA (1957) K biologii nasekomykh, vredyashchikh v usloviyakh stepnogo lesorazvedeniya. *Zool Zhurnal* 36(8):1187–1197. [#7827]
- Tan JP (1925) The citrus bark borer (*Agrilus occipitalis*, Eschsch.). *Philip Agric Rev* 18(4):583–584. [#7352]
- Tanaka K (1928) On the citrus flat-headed borer [*Agrilus auriventris* Saunders], an important insect pest of citrus (Preliminary report). *Nogyo oyobi engei [Agric Hortic]* 3:1437–1444, (in Japanese) [#7021]
- Tanner VM (1934) Coleoptera of the Zion national park. No. II. *Ann Entomol Soc Am* 27:43–49. [#7336]
- Tassi F (1962a) Su alcuni Buprestidi italiani specialmente delle regioni centro-meridionali. *Bolletino della Società entomologica italiana* 92:53–57. [#2677]
- Tassi F (1962b) Appunti per una migliore conoscenza dei Coleotteri Buprestidi del Lazio. *Bolletino dell'Associazione Romana di Entomologia* 17:1–25. [#2676]
- Tassi F (1962c) Coleotteri Buprestidi dell'Aspromonte e della Sila (Quarto contributo alla conoscenza dei Coleotteri Buprestidi d'Italia). *Memorie del Museo Civico Storia Naturale, Verona* 10:211–231. [#2678]
- Tassi F (1966a) Su alcuni Buprestidi Italiani nuovi o particolarmente interessanti (VII Contributo alla conoscenza dei Coleotteri Buprestidi d'Italia). *Bolletino della Società entomologica italiana* 96:17–27. [#2685]

- Tassi F (1966b) Su alcuni Coleotteri Buprestidi dell'Italia meridionale ed insulare. Bollettino delle sedute della Accademia gioenia di scienze naturali in Catania, Serie 4 8(8):609–625. [#2683]
- Tassi F (1967) Ricerche Coleotterologiche sul litorale ionico della Puglia, Lucania e Calabria. Campagne 1956–1957–1958. XIV. Coleoptera, Buprestidae. Bollettino della Società entomologica italiana 97(9–10):135–152. [#2686]
- Terekhova VV, Skrylnik YY (2012) Особенности биологии чужеродного для Европы жука–короеда *Anisandrus maiche* Stark (Coleoptera: Curculionidae:Scolytinae) на территории Украины. Peculiarities of biology of adventive for Europe ambrosia beetle *Anisandrus maiche* Stark (Coleoptera: Curculionidae: Scolytinae) in the territory of Ukraine. Rossiiskii Zhurnal Biologicheskikh Invazii 1:88–96, (in Russian with English subtitle and summary) [#9634]
- Terent'ev SN, Stolyarova LA (1989) Обзор вредителей и болезней пробконосов черноморского побережья Кавказа. Subtropicheskie Kul'tury 1:122–125, (in Russian) [#7869]
- Ter Minasyan ME (1955) Buprestidae, Bruchidae, Anthribidae, Rhinomaceridae, Attelabidae, pp 425–737. In: Arnol'di LV, Medvedev SI, Plavilshchikov NN, Stark VN, Ter Minasyan ME, Otryad Coleoptera – Zhestkokrylye ili zhuki. In: Pavlovskii EN (ed) Vrediteli lesa. Spravochnik. II. Akademiya Nauk SSSR, Zoologicheskii Institut, Leningrad, pp 425–1097, (in Russian) [#7893]
- The Plant List (2013) Version 1.1. Published on the Internet; <http://www.theplantlist.org/>. Accessed February 2014
- Théry A (1900) Description de deux Coléoptères nouveaux du Sud–Est Algerien. Bull Soc Entomol France 1900(1898):32–34. [#2699]
- Théry A (1914) Buprestides nouveaux d'Égypte. Bulletin de la Société Royale Entomologique de Égypte (1912) 2:129–132. [#2714]
- Théry A (1928) A new *Agrilus* from India (Buprestidae, Col.). Indian Forest Record 13(6):269–270. [#2765]
- Théry A (1930a) Buprestides de l'Inde. Bulletin et Annales de la Société Entomologique de Belgique 70(5):149–172. [#2767]
- Théry A (1930b) Études sur les Buprestides de l'Afrique du nord. Mémoires de la Société des Sciences Naturelles du Maroc 19(1928):1–586. [#2754]
- Théry A (1934) Contributions à l'étude de la faune de Mozambique. Voyage de M. P. Lesne (1928–1929). 15e note. Coléoptères, Buprestides. Memórias e Estudos do Museu Zoológico de Universidade de Coimbra 77(1):1–31. [#2814]
- Théry A (1937) Un *Agrilus* attaquant les *Albizzia* au Congo Belge. Revue Zoologique et Botanique Africaine 29:408–412. [#2845]
- Théry A (1942) Faune de France, 41, Coléoptères Buprestides. P. Lechevalier, Paris, 223 pp. [#2873]
- Tleppaeva AM (1999) Obzor zhukov–zlatok (Coleoptera, Buprestidae) Almatinskovo zapovednika. Review of buprestid species (Coleoptera, Buprestidae) of the Almaty Reserve. Tethys Entomol Res 1:183–186, (in Russian with English subtitle and summary) [#6551]
- Tleppaeva AM (2008) K faune zhukov–zlatok (Coleoptera: Buprestidae) Alakol'skogo zapovednika, pp 71–74. In: Berezovikov NN (ed) Trudy Alakolskogo gosudarstvennogo prirodnogo zapovednika. Tethys, Almaty, Tom 2, 252 pp, (in Russian) [#9044]
- Tleppaeva AM (2012) K фауне жуков–златок (Coleoptera, Buprestidae) Северо–Востока Прикаспийской низменности, pp 167–169. In: Материалы Международной научной конференции “Животный мир Казахстана и сопредельных территорий”, посвященной 80–летию Института зоологии Республики Казахстан 22–23 ноября 2012 год, Алматы, 33 pp, (in Russian) [#9635]
- Tleppaeva AM (2013) Видовое разнообразие жуков–златок (Coleoptera: Buprestidae) в пойменных биотопах рек Юго–Восточного Казахстана. Species diversity of jewel beetles (Coleoptera, Buprestidae) in floodplain habitats of the rivers of South–East Kazakhstan. Vestnik KazNU, Almaty, Seriya Biologicheskaya 57:108–117, (in Russian with English subtitle and summary) [#9532]

- Tleppaeva AM, Ishkov EV (2004) Annotirovannyi spisok zhukov–zlatok (Coleoptera, Buprestidae) Iliiskoi doliny. Annotated list of buprestid beetles (Coleoptera, Buprestidae) of Ili river valley. *Tethys Entomol Res* 10:81–86, (in Russian with English subtitle and summary) [#7211]
- Tobias VI (1980) New species of braconids (Hymenoptera, Braconidae) parasites of bark beetles from Mongolia and the USSR. *Nasekomye Mongolii*, Leningrad, Nauka, Vypusk 7:289–295. [#6493]
- Tolasch T (1998) 92. (Col. Buprestidae) – Neue Funde von *Agrilus sinuatus* (Olivier) im Faunengebiet. *Bombus*, Faunistische Mitteilungen aus Nordwestdeutschland, Hamburg 3(29–31):122–123. [#4399]
- Townsend CHT (1893) Some notes on Michigan insects, principally Coleoptera, affecting forest trees. *Canadian Entomol* 25:201–204. [#7713]
- Tôyama M (1985) The buprestid beetles of the subfamily Agrilinae from Japan (Coleoptera, Buprestidae). *Elytra* 13(1):19–47. [#2924]
- Tôyama M (1988) New agriline buprestid beetles (Coleoptera, Buprestidae) from Asia (II). *Kontyû*, Tokyo 56(4):752–765. [#2932]
- Treat M (1882) *Injurious insects of the farm and Garden*. Orange Judd Company, New York, 288 pp. [#7349]
- Trella T (1929) Wykaz chrzaszczów okolie Przemysla. Verzeichnis der Käfer der Umgebung von Przemyśl. *Polskie Pismo Entomologiczne* 8:130–135. [#9652]
- Tropin IV (1965) Maloizvestnye zlatki kustarnikov Rostovskoi oblasti. In: *Materialy zoologicheskogo soveshchaniya po probleme biologicheskije osnovy rekonstrukcii, racional'nogo ispolzovaniya i okhrany fauny yuzhnoi zony èvropеiskoi chasti SSSR. Kratkie sodержanie dokladov*, Kishinev, pp 457–460, (in Russian) [#8652]
- Turner JR (2001a) *Acacia longifolia* (Andrews) Willd. the first recorded larval host plant for *Agrilus hypoleucus* Laporte & Gory (Coleoptera: Buprestidae) from Australia. *Jewel Beetles* 10:63–67. [#5087]
- Turner JR (2001b) *Acacia chalkerii* Maiden a new larval host plant for *Agrilus australasiae* Laporte & Gory (Coleoptera: Buprestidae) from Australia. *Jewel Beetles* 10:68–72. [#5088]
- Turner JR, Hawkeswood TJ (1996) A new larval host plant for the Australian buprestid beetle *Agrilus australasiae* Laporte & Gory (Coleoptera: Buprestidae). *Mauritania, Altenburg* 16(1):95–100. [#7720]
- Turner JR, Hawkeswood TJ (1998) *Acacia spectabilis* A. Cunn. ex Benth. (Mimosaceae), a new larval host plant for *Agrilus australasiae* Laporte & Gory (Coleoptera: Buprestidae) from Australia. *Mauritania, Altenburg* 9(1):313–315. [#4552]
- Twinn DD (2003) A first record of *Agrilus sinuatus* (Olivier) (Buprestidae) in Essex. *Coleopterist* 12(3):120. [#6979]
- Uhler PR (1855) Descriptions of a few species of Coleoptera supposed to be new. *Proc Acad Nat Sci Phil* 7:415–418. [#2938]
- Ulke H (1903) A list of the beetles of the District of Columbia. *Proceedings of the United States National Museum* 25:1–57. [#2939]
- Ulyshen MD, Barrington WT, Hoebcke ER, Herms DA (2012) Vertically stratified ash–limb beetle fauna in northern Ohio. *Psyche*, Article ID 215891, pp 1–5. [#9459]
- Van den Berg MA (1982) Coleoptera attacking *Acacia dealbata* link., *Acacia decurrens* Wild., *Acacia longifolia* (Andr.) Wild., *Acacia mearnsii* De Wild. and *Acacia melanoxylon* R. Br. in Australia. *Phytophylactica* 14:51–55. [#6707]
- Van Dyke EC (1942) Contribution towards a knowledge of the insect fauna of Lower California, no. 3. Coleoptera, Buprestidae. In: *Proceedings of the California Academy of Sciences 4th Ser.*, 34(3):97–132. [#2952]
- Vansteenkiste D, Tirry L, Acker J van, Stevens M (2004) Predispositions and symptoms of *Agrilus* borer attack in declining oak trees. *Ann Forest Sci* 61(8):815–823. [#7130]
- Vasil'ev IV (1927) Zelenaya smorodinnaya zlatka (*Agrilus viridis* L. var. *fagi* Ratz.) kak vreditel' yagodnogo sadovodstva na Ukraine. *Agrilus viridis* as injurer to the berry gardening of Ukraine. *Zakhist roslin* 3–4:147–149, (in Russian with English subtitle) [#5834]

- Venglovskii BI, Lukashovich IV, Gabrid NV, Venglovskaya GA (2008) Вредители и болезни лесонасаждений и меры борьбы с ними, pp 58–82. Справочник лесничего, Бишкек. 150 pp. [#9636]
- Verbeek FATH (1939) Over de Morphologie en synonymie van *Agrilus kalshoveni* Obenb. (Col., Buprestidae). Entomologische Mededeelingen Van Nederlandsch - Indie, Buitenzorg 5(2–3):40–45. [#3663]
- Verdugo Paéz A (1997) Los coleópteros Buprestidae de la provincia de Cádiz (España) (Insecta: Coleoptera). Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza 18:11–17. [#5255]
- Verdugo Paéz A (2002) Los Buprestidos de la Comunidad Autónoma Andaluza (Coleoptera, Buprestidae). Boletín de la SAE, Sociedad Andaluza de Entomología 5:5–65. [#5794]
- Verdugo Paéz A (2005) Fauna de Buprestidae de la península Ibérica y Baleares (Coleoptera). Argania editio, Barcelona, 350 pp. [#7256]
- Verdugo Paéz A, Coello P (2001) Suaeda vera Forsskál, fitohuésped de *Agrilus (Agrilus) pulvereus* Abeille, 1895 (Coleoptera, Buprestidae, Agrilinae). Boletín de la SEA, Sociedad Entomológica Aragonesa, Zaragoza 29:101. [#5702]
- Viado GB (1979) The varicose borer, *Agrilus* sp. (Coleoptera: Buprestidae), of bagras (*Eucalyptus deglupta*). Sylvatrop 4(1):45–47. [#4188]
- Villers CJ de (1789) Caroli Linnaei Entomologia, faunae Suecicae descriptionibus aucta. DD. Scopoli, Geoffroy, de Geer, Fabricii, Schrank, etc. speciebus vel in systemate non enumeratis, vel nuperrime detectis, vel speciebus Galliae Australis locupletata, generum specierumque rariorum iconibus ornata. Tomus primus. Piestre et Delamolliere, Lugduni, 16 + 765 pp, 3 pls. [#685]
- Vogt GB (1949a) A biologically annotated list of the Buprestidae of the Lower Rio Grande Valley, Texas. Ann Entomol Soc Am 42:191–202. [#2971]
- Vogt GB (1949b) Five new species of Buprestidae from southern Texas (Coleoptera). Ann Entomol Soc Am 42:48–54. [#2970]
- Vogt W (1987) Das Vorkommen von Guérins Salweiden–Prachtkäfer – *Agrilus guerini* Lac. in Rheinland–Pfalz (Coleoptera / Buprestidae). Pfälzer Heimat, Speyer 38(1):28–32. [#3633]
- Volkovitsh MG (1977) Zlatki (Coleoptera, Buprestidae) leskhoza “Les na Vorskle”, pp 23–27. In: Tobias VI, Rikhter AA (eds) Novye i maloizvestnye vidy nasekomykh Evropejskoi chasti SSSR. Sbornik nauchnykh rabot. Akademiya Nauk SSSR, Leningrad, 133 pp, (in Russian with English summary) [#2985]
- Volkovitsh MG (2004) New records of Buprestidae (Coleoptera) from Israel with descriptions of a new species. Israel J Entomol 34:109–152. [#7001]
- Volkovitsh MG, Alexeev AV (1992) Zlatki (Coleoptera, Buprestidae) Badkhyza, pp 146–170. In: Atamuradov KI (ed) Priroda Badkhyza. Okhrana prirody Turkmenistana, Ashkhabad, Vypusk IX, (in Russian) [#2973]
- Volkovitsh MG, Alexeev AV (1994) Buprestid beetles (Coleoptera: Buprestidae) from Kopetdagh and the adjacent regions of Southern Turkmenistan. In: Fet V, Atamuradov KI (eds) Biogeography and ecology of Turkmenistan. Kluwer Academic Publishers, Dordrecht, pp 419–449. [#2974]
- Volkovitsh MG, Hawkeswood TJ (1990) The larvae of *Agrilus australasiae* Laporte & Gory and *Ethon affine* Laporte & Gory (Insecta: Coleoptera: Buprestidae). Spixiana 13(1):43–59. [#2980]
- Volkovitsh MG, Mozolevskaya EG (2013) Десятилетний “юбилей” инвазии ясеневой изумрудной узкотелой златки *Agrilus planipennis* (Fairm.) (Coleoptera: Buprestidae): итоги и перспективы, pp 21–22. In: VII Чтения памяти О. А. Катаева. Вредители и болезни древесных растений России / Материалы международной конференции, Санкт-Петербург, 25–27 ноября 2013 г. / под ред. А. В. Селиховкина и Д. Л. Мусолина. – СПб.: СПбГЛТУ, 136 с. The Kataev Memorial Readings – VII. Pests and Diseases of Woody Plants in Russia / Proceedings of the International Conference. Saint Petersburg (Russia), November, 25–27, 2013/Selikhovkin AV, Musolin DL (eds) – Saint Petersburg (Russia): Saint Petersburg State Forest Technical University, 136 pp, (in Russian) [#9577]

- Volodchenko AN (2013) К изучению жесткокрылых–ксилофагов дубовых насаждений Саратовской области, р 23. In: VII Чтения памяти О. А. Катаева. Вредители и болезни древесных растений России / Материалы международной конференции, Санкт–Петербург, 25–27 ноября 2013 г. / под ред. А. В. Селиховкина и Д. Л. Мусолина. – СПб.: СПбГЛТУ, 136 с. The Kataev Memorial Readings – VII. Pests and diseases of woody plants in Russia/Proceedings of the international conference. Saint Petersburg (Russia), 25–27 Nov 2013/Selikhovkin AV, Musolin DL (eds) – Saint Petersburg (Russia): Saint Petersburg State Forest Technical University, 136 pp, (in Russian) [#9639]
- Voroncov AI, Sinadskij YV (1957) Opyt èkologo–geograficheskogo analiza vrednoi èntomofauny poimennykh nasazhdenii yugo–vostoka SSSR. In: tret'e soveshchanie vsesoyuznogo èntomologicheskogo obshchestva. Tbilisi, 4–9 oktyabrya 1957 g. Tezisy dokladov. I. Akademiya nauk SSSR, Moskva, Leningrad, pp 84–86, (in Russian) [#8645]
- Wachtendorf W (1955) Beiträge zur Kenntnis der Eichenprachtkäfer, *Agrilus biguttatus* Fabr. und *Coraebus undatus* Fabr. (Col. Bupr.). Zeitschrift für angewandte Entomologie 37:327–339. [#8568]
- Wachtl FA (1888) Ein Lindenverwüster. Beitrag zur Kenntniss der ersten Stände und der Lebensweise des *Agrilus auricollis* Kiesw. Wiener Entomologische Zeitung 7:293–297, 1 pl. [#4483]
- Walters GC (1975) Notes on the distribution and biology of certain Buprestidae (Coleoptera): Part I. Coleopterists Bull 29(2):69–70. [#3035]
- Walters GC Jr (1978) Notes on the distribution and biology of certain Buprestidae and Cerambycidae (Coleoptera): Part II. Coleopterists Bull 32(4):355–356. [#3036]
- Walters GC Jr, Bellamy CL (1982) Notes on the distribution and biology of certain Buprestidae (Coleoptera): Part III. Coleopterists Bull 36(2):218–220. [#3033]
- Walters GC Jr, Bellamy CL (1990) Notes on the distribution and biology of certain Buprestidae (Coleoptera): Part IV. Coleopterists Bull 44(1):113–115. [#3034]
- Webb GA (1993) Plant associations of some Australian jewel beetles (Coleoptera: Buprestidae: Agrilinae). Victorian Nat 110(4):160–162. [#4284]
- Webster RP, DeMerchant I (2012) New Coleoptera records from New Brunswick, Canada: Buprestidae. Zookeys 179:55–65. [#9279]
- Weidlich M (1989) Faunistik und Imaginalökologie der Prachtkäfer Bulgarisch–Mazedoniens (Insecta: Coleoptera: Buprestidae). Faunistische Abhandlungen Staatliches Museum für Tierkunde Dresden 17(7):47–77 [#6165]
- Wei Shu Jun, Zheng Hong Hai, Huangfu Wei Guo, Shi Zu Hua, Chen Xue Xin (2006) Division of larval instars of citrus borer, *Agrilus auriventris* Saunders (Coleoptera: Buprestidae). Acta Entomologica Sinica 49(2):302–309, (in Chinese with English subtitle and summary) [#7653]
- Wei Shu Jun, Zheng Hong Hai, Huangfu Wei Guo, Shi Zu Hua, Chen Xue Xin (2007) Morphological observation on the immature stages of *Agrilus auriventris* Saunders (Coleoptera: Buprestidae). Acta Entomologica Sinica 50(1):79–84, (in Chinese with English subtitle and summary) [#8166]
- Weiss HB (1914a) *Agrilus politus* Say infesting roses. J Econ Entomol 7(251):438–440. [#3920]
- Weiss HB (1914b) Notes on the three imported insects occurring in New Jersey. J Econ Entomol 7:250–251. [#5979]
- Weiss HB (1915) Some recent insect importations into New Jersey. J Econ Entomol 8:133–135. [#5953]
- Weiss HB (1916a) Newark Entomological Society. Entomol News 27:287. [#3913]
- Weiss HB (1916b) *Agrilus viridis* L. in New Jersey (Col.). Entomol News 27:426. [#6742]
- Weiss HB (1916c) Foreign pests recently established in New Jersey. J Econ Entomol 9:212–216. [#5954]
- Wei Xia, Reardon D, Wu Yun, Sun Jiang Hua (2004) Emerald ash borer, *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae), in China: a review and distribution survey. Acta Entomologica Sinica 47(5):679–685. [#7133]



- Wei Xia, Wu Yun, Reardon R, Sun Tie huan, Lu Min, Sun Jiang Hua (2007) Biology and damage traits of emerald ash borer (*Agrilus planipennis* Fairmaire) in China. *Insect Sci* 14:367–373. [#8182]
- Wellhouse WH (1922) The insect fauna of the genus *Crataegus*. Cornell University Agricultural Experiment Station, Memoir 56:1045–1136. [#7759]
- Wells AB (1926) Notes on tree and shrub insects in southeastern Pennsylvania. *Entomol News* 37:254–258. [#9061]
- Wellso SG (1973) A new species of *Anthaxia* with notes on other buprestids (Coleoptera: Buprestidae). *Coleopterists Bull* 27(4):165–168. [#3078]
- Wellso SG, Jackman JA (2006) A new species of *Anthaxia* (*Haplantaxia*) Reitter (Coleoptera: Buprestidae) and new North American buprestid distributional and host records. *Pan-Pacific Entomol* 82(2):262–268. [#7548]
- Wellso SG, Manley GV, Jackman JA (1976) Keys and notes on the Buprestidae (Coleoptera) of Michigan. *Great Lakes Entomol* 9(1):1–22. [#3079]
- West A (1840) Fortegnelse over Danmarks biller. *Entomologiske Meddelelser* 21(3):285–412, (in Danish) [#8781]
- Westcott RL (1991a) New taxa, pp 121–142. In: Nelson GH, Westcott RL (eds) Review of the pulchellus group of *Agrilus* with descriptions of new species (Coleoptera: Buprestidae). *Coleopterists Bull* 45(2):121–142. [#9312]
- Westcott RL (1991b) Distributional, biological and taxonomic notes on North American Buprestidae (Coleoptera). *Insecta Mundi*, (1990) 4(1–4):73–79. [#3085]
- Westcott RL (2001) An interspecific hybrid in the genus *Acmaeodera* Eschscholtz, a new taxonomic note on *Chrysobothris kelloggi* Knull, and new distribution and host records for United States and Canadian species in these and other genera (Coleoptera: Buprestidae). *Jewel Beetles* 10:76–81. [#5090]
- Westcott RL (2005) A new species of *Chrysobothris* Eschscholtz from Oregon and Washington, with notes on other Buprestidae (Coleoptera) occurring in the United States and Canada. *Zootaxa* 1044:1–15. [#7137]
- Westcott RL (2007) A new species of *Chrysobothris* Eschscholtz feeding on *Dudleya* spp. (Crassulaceae) from California and Baja California, with biological, distributional taxonomic notes on other North American Buprestidae (Coleoptera). *Zootaxa* 1630:23–37. [#8009]
- Westcott RL, Hespeneheide HA (2006) The description of a new species of *Agrilus* Curtis, with distributional records, and taxonomic and biological notes for *Agrilinae* and *Trachyinae* (Coleoptera: Buprestidae) of Mexico and Central America. *Zootaxa* 1367:1–35. [#7908]
- Westcott RL, Nelson GH (2000) Descriptions of two new species of *Acmaeodera* Eschscholtz, and two new subspecies of *Agrilus* Curtis and *Chrysobothris* Eschscholtz (Col.: Bup.) in North America, with detailed notes on others. *Coleopterists Bull* 54:300–312. [#5135]
- Westcott RL, Atkinson T, Hespeneheide HA, Nelson GH (1990) New country and state records, and other notes for Mexican Buprestidae (Coleoptera). *Insecta Mundi* 3(3):217–232 (March 9, 1990 as the publication date is stated in *Insecta Mundi* 4:132). [#3086]
- Westcott R, Hespeneheide HA, Romero JN, Solorio AB, Bellamy CL, Equihua AM (2008) The Buprestidae (Coleoptera) of Morelos, Mexico, with description of six new species, and a partially annotated checklist. *Zootaxa* 1830:1–20. [#8193]
- Westhoff F (1881) Die Käfer Westfalens. I. Abtheilung. Bonn, Max Cohen & Sohn (Fr. Cohen). Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande und Westfalens, Bonn, Supplement, 38, Vierte Folge: 8. Jahrgang, XXVIII + 323 pp. [#3925]
- Williams GA (1985) New larval food plants for some Australian Buprestidae and Cerambycidae (Coleoptera). *Aust Entomol Mag* 12(3–4):41–46. [#3119]
- Williams GA, Williams T (1983) A list of the Buprestidae (Coleoptera) of the Sydney basin, New South Wales, with adult food plant records and biological notes on food plant associations. *Aust Entomol Mag* 9(6):81–93. [#3115]
- Woelfle M (1951) Auftreten des Buchenprachtkäfers (*Agrilus viridis*). *Allgemeine Forstzeitschrift, München* 6:118. [#7086]

- Wong HR, McLeod BB (1965) The host and distribution of *Agrilus criddlei* Frost in Canada. Canada Department of Forestry, Bi-monthly Progress Report 21(4):3. [#5418]
- Wong HR, Melvin JCE, Harper AM (1977) Common insect and mite galls of the Canadian Prairies. Information report NOR-X-196, July 1977, Northern Forest Research Centre. Edmonton, 81 pp. [#9735]
- Woo Sheh Ming (1964) Studies on the citrus buprestid beetle, *Agrilus auriventris* Saunders. Acta Phytophylacica Sinica 3(1):61–71, (in Chinese with English subtitle and summary) [#7020]
- Wörndle A (1950) Die Käfer von Nordtirol. Faunistisches Verzeichnis der aus dem Gebiete bisher bekannt gewordenen Koleopteren. Innsbruck, Universitätsverlag Wagner, Druck: Tiroler Graphic, 388 pp. [#8539]
- Wu Hai (2006) Bionomics and control of *Agrilus zanthoxylumi*. Chinese Bull Entomol 43(2):236–239, (in Chinese with English summary) [#7654]
- Xambeu V (1893) Moeurs et métamorphoses d'insectes. 3 Mémoire. Buprestides (Suite). Revue d'Entomologie 12:54–126. [#7788]
- Xambeu V (1898) Moeurs et métamorphoses d'insectes. 9e Mémoire. Revue d'Entomologie 17:1–63. [#9615]
- Xu Gongtian (2003) *Agrilus marcopoli* Obenberger. In: Xu Gongtian (ed) Atlas of ornamental pests and diseases. China Agriculture Press, Beijing, pp 321–322, (in Chinese) [#6836]
- Yablokov Khnzoryan SM (1957) Zhestkokrylye duba v Armyanskoj SSR. In: Materialy po izuchenyu fauny Armyanskoj SSR. Zoologicheskii sbornik, Akademya nauk Armyanskoj SSR, Erevan, Vypusk 10(3):59–152, (in Russian) [#5612]
- Yagdyev A (1974) Vrediteli stvolov i vetvei turangi. In: Materialy sed'mogo s'ezda vsesoyuznogo èntomologicheskogo obshchestva, chast' vtoraya, Sel'skokhozyaistvennaya èntomologiya, Lesnaya èntomologiya. Akademiya nauk SSSR, Leningrad, p 257, (in Russian) [#8644]
- Yagdyev A (1975) Stvolovye vrediteli turangy v Turkmenii. Izvestiya akademii nauk Turkmenskoj SSR, Seriya biologicheskikh nauk 6:60–64, (in Russian) [#7775]
- Yagdyev A (1978) Obnaruzhenie zlatki *Agrilus tschitscherini* Sem. na turange v doline reki Ili. Izvestiya akademii nauk Turkmenskoj SSR, Seriya biologicheskikh nauk, 2:90, (in Russian) [#4206]
- Yagdyev A (1984) Kompleksy zhukov–ksilofagov v tugainykh lesakh yuga Srednei Azii. Izvestiya akademii nauk Turkmenskoj SSR, Seriya biologicheskikh nauk 4:69–71, (in Russian) [#6196]
- Yagdyev A (1985) Nasekomye–ksilofagi pustynnykh lesov Turkmenistana. Xylophagous insects of desert forests in Turkmenistan. Problemy osvoyeniya pustyn' 6:54–60, (in Russian with English subtitle and summary) [#6194]
- Yamamoto S, Kamimura H, Iwasaki M (1961) On the investigation of citrus flat-headed borer [*Agrilus auriventris* Saunders] and gummosis in orchards. Rep Kumamoto Fruits Expt Sta 1:1–8, (in Japanese) [#7022]
- Yang Zhong-Qi, Wang Xiao-Yi, Yao Yan-Xia, Gould JR, Cao Liang-Ming (2012) A new species of *Sclerodermus* (Hymenoptera: Bethyridae) parasitizing *Agrilus planipennis* (Coleoptera: Buprestidae) From China, with a key to Chinese species in the genus. Ann Entomol Soc Am 105(5):619–627. [#9416]
- Yanytsky TP (1998) Buprestidae (Coleoptera) of Roztocze. Fragmenta Faunistica, Warszawa, 41(4):29–32, figs. [#4786]
- Yanytsky TP (2003) Златки (Coleoptera, Buprestidae) Вольно–Подолья, pp 232–250. In: Chernobay YN, Karpus' IY, Rizun WB (eds) Экология и фауна почвенных беспозвоночных западного Вольно–Подолья [Ecology and fauna of soil invertebrates of west Vohlyno–Podolya], Kiev, Наукова думка, 391 pp, (in Russian) [#9052]
- Ye C-M, Yu J-L, Gao J-C (2011) Estimation on growing stock loss of *Xylosma recemosum* injured by *Agrilus cyaneoniger melanopterus* in Tianfuzhishan Natural Reserve in Jilin province. J Jilin Forest Sci Technol 40:20–25, (in Chinese with English subtitle and summary) [#9181]

- Yoshikawa K, Ohgushi R, Sakagami S (1969) Preliminary report on entomology of the Osaka City University 5th scientific expedition to Southeast Asia 1966. With descriptions of two new genera of Stenogasterinae wasp. *Nat Life Southeast Asia* 6:153–182. [#8923]
- Yu J-L, Ye C-M, Gao J-C (2011) Investigation of pest occurrence of *Agrilus cyaneoniger* melanopterus in Tianfozhishan National Reserve in Jilin province. *J Jilin Forest Sci Technol* 40:16–19, (in Chinese with English subtitle and summary) [#9182]
- Yuasa H (1933) On the structure of some Japanese buprestid-larvae, with notes on their life-history. *J Imper Agric Exp Sta, Tokyo* 2(2):263–282, (in Japanese with English summary) [#3132]
- Yu Chengmin (1992) *Agrilus marcopoli* Obenberger pp 400–401. In: Xiao Gangrou (ed) *Forest insects of China. The second edition (Revised & enlarged)*. China Forestry Publishing House, Beijing, 1362 pp. [#5982]
- Yurchenko GI (2010) Изумрудная узкотелая златка (*Agrilus planipennis* Fairmaire) на природных и интродуцированных ясенях в южной части Дальнего Востока. *Izvestiya Sankt-Peterburgskoi lesotechnicheskoi akademii* 192:269–276, (in Russian with English abstract) [#9619]
- Yurchenko GI, Turova GI, Kuzmin EA (2007) To distribution and ecology of emerald ash borer (*Agrilus planipennis* Fairmaire) in the Russian Far East. A. I. Kurentsov's annual memorial meetings, XVIII:94–98, (in Russian with English subtitle and summary) [#8892]
- Zabransky P (1991) Beiträge zur Faunistik österreichischer Käfer mit Bemerkungen zur Ökologie und Biologie. 2. Teil – Familie Buprestidae (Coleoptera: Buprestidae). *Koleopterologische Rundschau* 61:139–156. [#3546]
- Zagaikevich IK (1957a) Uzkotelye zlatki – vrediteli graba na Ukraine. *Byulleten' nauchno-technicheskoi informacii, Ukrainskii nauchno-issledovatel'skii institut zashchity rastenii, Kiev*, 3:22–24, (in Russian) [#4976]
- Zagaikevich IK (1957b) Maloizvestnye vrediteli lesa v SSSR. Little known forest pests in the USSR. *Zool Zhurnal* 36(6):874–877, (in Russian with English subtitle and summary) [#4979]
- Zagaikevich IK (1962a) Do vivchennya poshirennya i biologii vuz'kotilkh zlatok rodu *Agrilus* Curtis v URSS. *Naukovi Zapisky Naukovo-prirodnoznavchogo muzeyu AN URSS, Kiev* 10:101–111, (in Ukrainian with Russian summary) [#3249]
- Zagaikevich IK (1962b) K izucheniyu uzkotelykh zlatok roda *Agrilus* Curt. na Ukraine. *Voprosy Èkologii, Po materialam 4. èkologicheskoi konferencii, Kiev, izdatel'stvo Vysshaya shkola, VII:60–61, (in Russian) [#5616]*
- Zakharov LZ, Levkovich VG (1951) Vrednye nasekomye prirodnkh lesov i lesoposadok po gosudarstvennoi lesnoi zashchitnoi polose Saratov–Kamyshin. *Zool Zhurnal* 30(4):293–308, (in Russian) [#8638]
- Zerova MD, Mamontova VA, Ermolenko VM, Dyakonchuk LA, Sinev SY, Kozlov MV (1991) Nasekomye galloobrazovateli kulturnykh i dikorastushchikh rastenii Evropeiskoi chasti SSSR: ravnokrylye, cheshuekrylye, zhestkokrylye, poluzhestkokrylye. *Naukova Dumka, Kiev*, 342 pp, (in Russian) [#6339]
- Zetterstedt JW (1828) *Fauna insectorum lapponica. Pars I*. Hammon, Schulz, 563 pp. [#7798]
- Zhang Rung Ke, Wang Tong Mu (1992) *Agrilus zanthoxylumi* Hou. In: Xiao Gangrou (ed) *Forest insects of China. The second edition (Revised & enlarged)*. China Forestry Publishing House, Beijing, pp 402–403, 1362 pp. [#6193]
- Zhang Runzi (1988) Primary observation on *Zanthoxulum* – buprestid. *Forest Pest Dis* 4:16–17, (in Chinese) [#6695]
- Zheng Hong Hai, Wei Shu Jun, Huangfu Wei Guo, Shi Zu Hua, Chen Xue Xin (2006) Spatial distribution pattern of *Agrilus auriventris* Saunders (Coleoptera: Buprestidae). *Acta Entomol Sin* 49(5):805–809, (in Chinese with English subtitle and summary) [#7883]
- Znamenskij VS (1960) Maloizvestnye zlatki – vrediteli fistashki v Turkmenskoi SSR. *Sbornik rabot po zashchite lesa, MLTI*, 12:86–115, (in Russian) [#8676]
- Znamenskij VS (1963) Zaselение fistashki stvolovymi vreditel'yami i ee otmiranie v Turkmenii. In: *Pyatoe soveshchanie vsesoyuznogo èntomologicheskogo obshchestva. Tashkent, sentyabr*

- 1963 g., Tezisy докладov. Akademiya nauk SSSR, Moskva, Leningrad, pp 152–153, (in Russian) [#8647]
- Zolotareno GS (1955a) Вредные насекомые главных древесных пород полезащитных лесных полос Кулунды. Автореферат диссертации на соискание ученной степени кандидата биологических наук. Tomskii gosudarstvennyi universitet, Novosibirsk, 19 pp, (in Russian) [#9618]
- Zolotareno GS (1955b) Зеленая узкотелая златка в лесных полосах Кулунды и меры борьбы с ней. Trudy Tomskogo instituta, Tomsk 131:339–344, (in Russian) [#8869]
- Zolotareno GS (1959) O vrednoi ètomofaune topolei v zapadnoi Sibiri. In: Trudy Biologicheskogo instituta, Sibirskoe otdelenie, Vypusk 3, Zoologicheskii, pp171–180, (in Russian) [#8868]
- Zverozomb Zubovskii EV (1914) Zlatka Agrilus hastulifer Ratzeb. Obraz' zhizni i bor'ba s' nei. L'Agilus hastulifer Ratzeb. Trudy Kievskoi stancii po bor'be s vreditelyami rastenii, Petrograd 3:19–24, (in Russian with French subtitle and summary) [#4978]

# Index of *Agrius* Species-group Names

## A

- abditus* Horn, 1891, 15, 436, 439  
*abductus* Horn, 1891, 15–16, 267, 426, 433, 436, 443, 463, 495  
*abstersus* Horn, 1891, 16–17, 416, 452, 467–469, 511  
*acaciae* Fisher, 1928, 17–18, 449, 452, 455, 462, 465, 468  
*aceris* Alexeev, 1957 (unavailable synonym of *viridis* Linné, 1758), 380  
*acutangulus* Schaefer, 1949 (synonym of *salicis* Frivaldszky, 1877), 321  
*acutangulus* Théry, 1942 (unavailable synonym of *salicis* Frivaldszky, 1877), 321  
*acutipennis* Mannerheim, 1837, 18–19, 409, 413, 428, 433, 436, 438–440, 443, 444, 446, 448, 484, 488, 496  
*acutus* (Thunberg, 1787), 20–21, 473–476  
*addendus* Crotch, 1873, 21, 449, 452, 455, 468, 469, 488  
*adelphinus* Kerremans, 1895, 22, 433, 435, 443  
*adinocephalus* Curletti, 2005, 22, 456  
*adlbaueri* Niehuis, 1987, 22, 433  
*aeneocephalus* Fisher, 1928, 23, 451, 466  
*aereus* Saunders, 1866, 23–24, 513  
*aerosus* Ganglbauer, 1889, 23–24, 422, 478  
*aethiops* Hespeneheide, 1990, 24–25, 449  
*affinis* Waterhouse, 1889, 24–25, 454  
*afghanistanicus* Alexeev, 1992 (synonym of *decoloratus* Kerremans, 1892), 125  
*ainu* Miwa & Chijō, 1940 (synonym of *friebei* Obenberger, 1922), 155  
*alacris* Kerremans, 1896, 24–25, 507  
*alashanensis* Obenberger, 1936, 24–25, 459  
*alazon* Lewis, 1893 (synonym of *decoloratus* Kerremans, 1892), 125  
*albisetulosus* Brundin (unavailable synonym of *viridis* Linné, 1758), 380  
*albizziae* Fisher, 1935, 25–26, 406, 452, 456, 457  
*albizziae* Kurosawa, 1963 (synonym of *subrobustus* Saunders, 1873), 348  
*albocomus* Fisher, 1928, 25–26, 407, 438, 439  
*albogularis albogularis* Gory, 1841, 26–27, 405, 422–424, 462, 471, 508  
*albomarginatus* Fiori, 1906, 28–29, 462, 471  
*alesi* Obenberger, 1935, 29, 494  
*alexeevi* Bellamy, 1998 (subspecies of *relegatus* Curletti, 1990), 305, 435, 438, 442  
*aliciae* Bellamy, 2005, 29, 464  
*allisoni* Curletti, 2006, 29, 449  
*alticola* Abeille de Perrin, 1897 (synonym of *roscidus* Kiesenwetter, 1857), 309  
*amelanchieri* Knull, 1944, 30, 484, 485, 488  
*amethystopterus* Semenov, 1891 (subspecies of *cuprescens* Ménétré, 1832), 105, 426, 427  
*amurensis* Obenberger, 1922 (subspecies of *subauratus* Gebler, 1833), 343, 410, 413, 435, 496, 500  
*andersoni* Hespeneheide, 2008, 30, 504  
*andresi* Obenberger, 1920, 30–31, 449, 455  
*angelicus* Horn, 1891, 31–32, 433, 435, 437, 438, 440, 444  
*angustulus* (Illiger, 1803), 32–38, 401, 408, 409, 411–413, 423, 427, 431–433, 437–443, 448, 485, 487, 489, 491–493, 496, 498, 505, 510, 512, 513

- antennalis* Descarpentries, 1959, 38, 457  
*anthaxioides* Hespeneheide, 2009, 38–39, 415, 449, 459, 471  
*antiquus antiquus* Mulsant & Rey, 1863, 39–40, 458, 461–463, 470, 471, 486  
*anxious* Gory, 1841, 41–44, 409–411, 485, 496, 497, 499, 504  
*anxious* Smith (unavailable synonym of *sinuatus* Olivier, 1790), 336  
*arbuti* Fisher, 1928, 44–45, 428, 429, 484  
*arcuatus* (Say, 1825), 45–47, 412, 413, 431–433, 435, 436, 438–440, 443, 444, 446–448, 488, 509  
*argythamniae* Hespeneheide & Westcott, 2011, 47, 429  
*arizonicus* Obenberger, 1936, 48, 462  
*artemisiae* Brisout, 1863 (subspecies of *albogularis* Gory, 1841), 27–28, 422–424  
*asahinai* Kurosawa, 1956, 48, 418, 443  
*asiaticus* Kerremans, 1898, 48–49, 433, 435, 441, 444  
*asperrimus* Marseul, 1866 (synonym of *laticornis* Illiger, 1803), 207  
*asperulus* Waterhouse, 1889, 49–50, 407, 424, 433, 439, 494  
*assimilis assimilis* Hope, 1846, 453, 455, 478  
*ater* (Linné, 1767), 50–54, 432, 433, 486, 496–501  
*atlanticus* Curletti, 2005, 54, 408, 449  
*atricornis* Fisher, 1928, 54–55, 413, 442, 503  
*atriplicis atriplicis* Théry, 1900, 404  
*attila* Obenberger, 1930 (synonym of *tschitscherini* Semenov, 1895), 365  
*aubei* Gory & Laporte, 1839 (synonym of *viridis* Linné, 1758), 380  
*audax* Horn, 1891, 55, 440, 478, 511  
*aureus* Chevrolat, 1838, 56, 472, 475  
*aurichalceus* Abeille de Perrin (unavailable synonym of *salicis* Frivaldszky, 1877), 321  
*aurichalceus* Redtenbacher, 1847 (synonym of *cuprescens* Ménétrés, 1832), 106  
*auricollis* Kiesenwetter, 1857, 56–58, 409, 412, 415, 432, 475, 476, 496, 509, 510  
*auricomus* Frost, 1912 (synonym of *nigricans* Gory, 1841), 240  
*aurilaterus* Waterhouse, 1889, 59, 424  
*auripilis* Deyrolle, 1864, 59, 475  
*auristernum* Obenberger, 1924, 59, 433  
*auriventris* Saunders, 1873, 59–60, 494  
*aurociliatus* Théry, 1904, 61, 472, 473  
*auroguttatus* Schaeffer, 1905, 61–62, 433, 435, 437–441  
*auropictus* Kerremans, 1912, 62, 433  
*aurovittatus* Hope, 1846, 62, 419  
*australasiae* Gory & Laporte, 1839, 62–63, 451–455  
*azureus* Knull, 1922 (synonym of *carpini* Knull, 1923), 81
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*babai* Tôyama, 1988, 63, 494  
*baboquivariae* Fisher, 1928, 63–64, 416, 483, 507  
*babuinus* Curletti & Dutto, 1999, 64, 449  
*baili* Curletti, 2005, 64, 464  
*bakinensis* Obenberger, 1935 (synonym of *ribbei* Kiesenwetter, 1879), 306  
*balaenoides* Waterhouse, 1889, 64, 449  
*barberi* Fisher, 1928, 65, 470, 483  
*barbieri* Schaefer, 1955 (unavailable synonym of *graecus* Obenberger, 1916), 163  
*barri* Hespeneheide & Westcott, 2011, 65, 460, 468  
*basilaris* Waterhouse, 1889, 65, 464  
*basurmanovae* Stepanov (unavailable synonym of *viridis* Linné, 1758), 380  
*baudii* Bauduer, 1878 (synonym of *cytisi* Baudi, 1870), 123  
*bauhiniae* Fisher, 1935, 65, 458  
*beauprei beauprei* Théry, 1930, 66, 479  
*bedeli* Abeille de Perrin, 1905 (synonym of *uhagoni* Abeille de Perrin, 1897), 368  
*belial* Obenberger, 1917 (unavailable synonym of *viridis* Linné, 1758), 380, 386, 390  
*benjamini* Fisher, 1928, 66, 433, 436, 440  
*bentseni* Knull, 1954, 67, 430  
*betulae* Fisher, 1928 (synonym of *pensus* Horn, 1891), 275  
*betulanigrae* MacRae, 2003, 67, 410, 506  
*betuleti* (Ratzeburg, 1837), 67–69, 410, 411, 433, 441, 490, 496, 499, 501  
*bialowiezaensis* Gutowski, 1993 (synonym of *pseudocyanus* Kiesenwetter, 1857), 289  
*bicoloratus* Abeille de Perrin, 1894 (subspecies of *angustus* Illiger, 1803), 38, 433, 436  
*bifidus* Curletti & Brûlé, 2014, 69, 470  
*biguttatus* (Fabricius, 1777), 70, 431–433, 437–439, 441–443, 475, 496, 510

- bilineatus* (Weber, 1801), 73–75, 413, 431–433, 436, 437, 440, 441, 443, 444
- birmanicus* Kerremans, 1892, 75–76, 461, 492
- blandus* Horn, 1891, 76, 482
- boanoi* Curletti, 1998, 76, 414
- bohemicus* Obenberger, 1916 (unavailable synonym of *mendax* Mannerheim, 1837), 230
- boleslavensis* Obenberger, 1920 (unavailable synonym of *salicis* Frivaldszky, 1877), 321
- boninensis* Kurosawa, 1963, 77, 416
- bonnottei* Bourgoïn, 1925, 77, 469
- bonvouloirii* Murray, 1868, 77, 456, 457
- bothrops* Curletti, 2005, 77, 464
- braunsi* Obenberger, 1931, 78, 453, 454
- breuningii* Descarpentries & Villiers, 1963, 78, 461
- brevicornis* Guérin, 1840, 78, 457
- brevis* Carter, 1924, 78, 419
- browni* Carlson & Knight, 1969 (synonym of *sayi* Saunders, 1870), 325
- buresi* Obenberger, 1935, 79, 433
- burkei* Fisher, 1917, 79, 409
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- caepa* Curletti & Dutto, 1999, 79, 471
- caeruleus* (Rossi, 1792) (synonym of *cyanescens* Ratzeburg, 1837), 115–120
- caesalpiniae* Hespeneheide, 1990, 80, 458
- calcicola* Obenberger, 1916 (synonym of *cuprescens* Ménétriés, 1832), 106
- californicus* Westcott & Nelson, 2000 (subspecies of *parvus* Saunders, 1870), 271–272, 430, 457
- canaliculatus* Kerremans, 1898, 80, 456
- capreae* (Chevrolat, 1838) (synonym of *viridis* Linné, 1758), 380
- carinihumeralis* Kurosawa, 1964, 80–81, 430, 449, 474, 508
- carissimus* (Waterhouse, 1889), 81–82, 459
- carpini* Knull, 1923, 81–82, 403, 411, 412, 414, 432, 463
- carterellus* Obenberger, 1959, 82, 430
- castus* Descarpentries & Villiers, 1963, 82, 426
- catalanicus* Pochon, 1963 (synonym of *solieri* Gory & Laporte, 1839), 338
- cavatus* Chevrolat, 1838, 82–83, 407, 449, 451
- cavifrons* Waterhouse, 1889, 83, 416
- celticola* Fisher, 1928 (subspecies of *lecontei* Saunders, 1871), 211–212, 416, 417, 424, 464, 465, 507
- celti* Knull, 1920, 83–84, 267–268, 413, 416, 417, 447, 460, 463
- celtivorus* Curletti, 1998 (subspecies of *delenitor* Obenberger, 1935), 128, 417
- centrafricanus* Curletti, 1998 (subspecies of *harmodius* Obenberger, 1935), 176, 450
- centralis* Waterhouse, 1889, 84, 470
- centunculus* Curletti, 2005, 84, 506
- cephalicus* LeConte, 1860, 85, 413, 426, 433, 448
- cercidii* Knull, 1937, 86, 460, 468
- cerinoguttatus* Chevrolat, 1835, 86, 449
- cervus* Curletti, 2006, 86, 431, 433
- chalcogaster* Van Dyke, 1946 (subspecies of *inhabilis* Kerremans, 1900), 194, 422, 424, 425, 470, 495
- chamelae* Hespeneheide, 1990, 86, 465
- champlaini* Frost, 1912, 87, 409, 412, 414
- chekiangensis* Gebhardt, 1929, 87, 407
- chinganicus* Obenberger, 1922 (synonym of *viduus* Kerremans, 1914), 375
- chionochaetus* Obenberger, 1913, 87, 405
- chiricahuae* Fisher, 1928, 88, 433, 439, 466, 481
- chlorophyllus* Abeille de Perrin, 1904, 88–89, 406, 407
- chobauti* Abeille de Perrin, 1897, 89, 445
- chounramanyi* Baudon, 1965 (synonym of *auripilis* Deyrolle, 1864), 59
- chryseis* Curtis, 1825 (synonym of *sinuatus* Olivier, 1790), 333
- chrysobothroides* Hespeneheide, 2009, 90, 459, 466, 471
- chrysoderes* Abeille de Perrin, 1891 (subspecies of *cuprescens* Ménétriés, 1832), 105–106, 434, 444, 489–492
- chujoi* Kurosawa, 1985, 90, 469
- cinctus* (Olivier, 1790), 90, 445, 446, 461, 463, 470, 471
- cisti* Brisout, 1863 (synonym of *elegans* Mulsant & Rey, 1863), 142
- citri* Matsumura (unavailable synonym of *auriventris* Saunders, 1873), 59
- cladrastis* Knull, 1945, 92, 460
- cliftoni* Knull, 1941, 92, 418, 426, 446, 448, 460, 481
- clytrinoides* Bellamy & Hespeneheide, 2002, 93, 468
- coeruleescens* Schilsky, 1888 (unavailable synonym of *biguttatus* Fabricius, 1777), 70, 207

- coerulescens* Schilsky, 1888 (unavailable synonym of *laticornis* Illiger, 1803), 70, 207
- collaris* (Waterhouse, 1889), 93–94, 449, 462
- colonicus* Curletti, 2005, 94, 464
- comes* Kerremans, 1896, 94, 507
- communis* Obenberger, 1924 (synonym of *cuprescens* Ménériés, 1832), 106
- concinus* Horn, 1891, 94, 474
- confusinellus* Schaefer, 1949 (unavailable synonym of *pratensis* Ratzeburg, 1837), 283
- confusus* Waterhouse, 1889, 95, 464
- constantini* Obenberger, 1927, 95, 459, 464
- convexicollis* Redtenbacher, 1847, 96–98, 420, 426, 427, 434, 479, 480, 489, 496, 509
- convexifrons* Kiesenwetter, 1857, 98–99, 412, 432, 472
- corrugatus* (Waterhouse, 1889), 99, 454
- coryli* (Ratzeburg, 1837) (synonym of *subauratus* Gebler, 1833), 344
- corylicola* Fisher, 1928, 99–100, 412, 413
- coryli* Horn, 1891 (synonym of *corylicola* Fisher, 1928), 99
- costipennis* Fisher, 1928 (synonym of *fisherellus* Obenberger, 1936), 150
- couesii* LeConte, 1866 (synonym of *aureus* Chevrolat, 1838), 56
- coxalis* Waterhouse, 1889, 100, 434, 436–438, 440, 441
- crapulellus* Thomson, 1879, 100, 459
- crataegi* Frost, 1912, 101, 447, 484, 485
- criddlei* Frost, 1920, 101–102, 499, 501
- crinicornis* Horn, 1891, 102–103, 428, 432, 436, 443, 446, 448, 463, 491
- cristianoii* Curletti & Vayssières, 2007, 103, 465
- croaticus* Abeille de Perrin, 1897 (subspecies of *antiquus* Mulsant & Rey, 1863), 41–44, 461–463, 465
- croceivestis* Marseul, 1866, 103, 406, 508
- cteniasiformis* Curletti & Sakalian, 2009, 104, 449
- ctenias* Théry, 1934, 104, 449
- cuneus* LeConte, 1866 (synonym of *lacustris* LeConte, 1860), 206
- cupes* Lewis, 1893, 104, 445, 508
- cupreonitens* Fisher, 1928, 104–105, 449, 452, 455, 469
- cupreoviridis* Lewis, 1893 (unavailable synonym of *cyaneoniger* Saunders, 1873), 114
- cuprescens* cuprescens (Ménériés, 1832), 106–113, 408, 427, 429, 434, 444, 445, 481, 485, 486, 488–492, 499–501
- cupricollis* Gory, 1841 (synonym of *ruficollis* Fabricius, 1787), 318
- cuprinus* Nelson, 1991 (subspecies of *inhabilis* Kerremans, 1900), 194, 425
- cupriventris* Gory & Laporte, 1839, 113, 455
- curtii* Obenberger, 1913 (synonym of *antiquus* croaticus Abeille de Perrin, 1897), 41
- curtulus* Mulsant & Rey, 1863, 113–114, 434, 437, 439, 441, 442
- cyaneoniger* Saunders, 1873, 114–115, 430, 434–436, 438, 441, 443, 444
- cyanescens* cyanescens (Ratzeburg, 1837), 115–121, 403, 407, 408, 410, 412, 418–420, 428, 431, 432, 434, 437, 439, 477, 479, 483, 484, 489–491, 493, 496, 499, 501, 510
- cyaneus* Gory & Laporte (unavailable synonym of *cyanescens* Ratzeburg, 1837), 115
- cyaneus* Olivier (unavailable synonym of *viridis* Linné, 1758), 380
- cyaneus* Rossi (unavailable synonym of *sulcicollis* Lacordaire, 1835), 349
- cyanipennis* Gory & Laporte, 1839, 121–122, 461
- cyaniventris* Théry, 1932 (synonym of *canaliculatus* Kerremans, 1898), 80
- cyanophilus* Schaefer, 1946 (unavailable synonym of *sovorovi* Obenberger, 1935), 354
- cylindratus* Kerremans, 1896, 122, 507
- cyphothoracoides* Hespeneheide, 2008, 122, 448, 462
- cypselus* Curletti, 2006, 123, 431
- cyrenaicus* Curletti, 2005 (subspecies of *grandiceps* Kiesenwetter, 1857), 168, 434
- cytisi* Baudi, 1870, 123, 461, 465

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- dahoi* Baudon, 1965, 123–124, 513
- daimio* Obenberger, 1936, 124, 412, 420, 449, 508
- dalbergiae* Théry, 1930 (synonym of *cyanipennis* Gory & Laporte, 1839), 121
- dalmatinus* Obenberger, 1937 (subspecies of *albugularis* Gory, 1841), 28, 422
- dama* Curletti, 2006, 124, 431
- deauratus* MacLeay, 1872, 125, 449, 478, 482
- debilis* Fähræus, 1851, 125, 454
- decoloratus* Kerremans, 1892, 125–126, 417, 434
- decupratus* Curletti, 2001, 126, 451, 473



*defectus* LeConte, 1860, 126–127, 434, 436, 440, 441, 443, 446  
*deguchii* Tôyama, 1985, 127, 416, 428  
*delmastrellum* Curletti & Vayssières, 2007, 128, 467  
*delphinensis* Abeille de Perrin, 1897, 128–129, 499, 501, 504  
*derasofasciatus* Lacordaire, 1835, 129–131, 406, 412, 427, 434, 439, 486, 489, 512  
*derasofasciatus* Mannerheim, 1837 (unavailable synonym of *derasofasciatus* Lacordaire, 1835), 129  
*derasofasciatus* Ziegler (unavailable synonym of *derasofasciatus* Lacordaire, 1835), 129  
*derrisi* Théry, 1930, 131, 461  
*deserticola* Descarpentries & Bruneau de Miré, 1963 (subspecies of *nubeculosus* Fairmaire, 1891), 243, 455, 456  
*desertus* (Klug, 1829), 132, 450, 452, 456  
*detractus* Waterhouse, 1889, 132, 450–452, 465, 469  
*deuwei* Baudon, 1965 (synonym of *perlisensis* Fisher, 1936), 276  
*dhotmanae* Curletti, 1999, 132, 450  
*dianthus* Kerremans, 1892, 133, 469, 473, 476  
*difficilis* Gory, 1841, 133–134, 463, 495, 499  
*diospyroides* Knull, 1942, 134, 428  
*discalis* Saunders, 1873, 134–135, 417, 511  
*discicollis* Deyrolle, 1864, 135, 507  
*discoloriformis* Obenberger, 1920, 135, 456  
*disorientatus* Curletti, Ribeiro & Migliore, 2013, 135, 468  
*disparicornis* Bedel, 1921 (synonym of *graminis* Kiesenwetter, 1857), 164  
*distinguendus* Gory & Laporte, 1839 (synonym of *viridis* Linné, 1758), 380  
*divaricatus* Waterhouse, 1889, 136, 466  
*diversicolor* (Wallengren, 1881), 136, 453  
*diversornatus* Jendek, 2011, 136, 492  
*djukini* Obenberger, 1935 (synonym of *pratensis* Ratzeburg, 1837), 283  
*dollii* Schaeffer, 1904, 428, 462  
*dozieri* Fisher, 1918, 137, 413, 441  
*drumonti* Curletti & Vayssières, 2007, 137, 465  
*dualis* Alexeev & Bílý, 1980 (synonym of *relegatus* alexeevi Bellamy, 1998), 305  
*duncani* Knull, 1929, 138, 424, 425, 452  
*duporti* Bourgoin, 1922 (synonym of *olivaceidorsis* Obenberger, 1917), 254–255

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*ecarinatus* Marseul, 1866, 138, 422–424, 478  
*echidna* Curletti, 2001, 139, 419, 451, 478  
*egeniformis* Champlain & Knull, 1923, 139, 419, 463, 470, 507  
*egenus* Gory, 1841, 140–141  
*egorovi* Alexeev, 1989 (synonym of *adelphinus* Kerremans, 1895), 22  
*elatus* Fabricius (unavailable synonym of *hyperici* Creutzer, 1799), 184  
*eleanorae* Fisher, 1928, 141–142, 450, 451, 455, 467  
*elegans elegans* Mulsant & Rey, 1863, 142–143, 420–422, 429  
*elongatulus* Gory & Laporte, 1839, 144, 454  
*elongatus* (Herbst, 1780) (synonym of *sulcicollis* Lacordaire, 1835), 349  
*emeljanovi* Alexeev, 1975 (synonym of *ulaangomiensis* Cobos, 1972), 369  
*enriquei* Murria Beltrán & Murria Beltrán, 2007, 144, 488  
*erojlandusicus* Alexeev (unavailable synonym of *niveosignatus* Obenberger, 1914), 241  
*erronesculus* Obenberger, 1935 (unavailable synonym of *viridis* Linné, 1758), 380  
*esakii* Kurosawa, 1964, 144–145, 428, 432, 449  
*esfandiarinus* Davatchi, 1958 (synonym of *chlorophyllus* Abeille de Perrin, 1904), 88  
*euonymi* Tôyama, 1985, 145, 420, 441, 488  
*exhuachuae* Knull, 1937 (synonym of *asperulus* Waterhouse, 1889), 49  
*exiguellus* Fisher, 1928, 145–146, 434  
*exsapindi* Vogt, 1949, 146, 507  
*extraneus* Fisher, 1933, 146, 480

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*fagi* (Ratzeburg, 1837) (synonym of *viridis* Linné, 1758), 380  
*fallax* Say, 1833, 146–148, 416, 417, 426, 428, 434, 448, 463, 475, 485, 506  
*felix* Horn, 1891, 148–149, 404, 460, 468, 469, 475  
*femoralis* Waterhouse, 1889, 149, 415  
*ferrisi* Dury, 1908, 149–150, 417, 506  
*fidelis* Kerremans, 1896, 150, 508  
*finellei* Curletti & Vayssières, 2007, 150, 465  
*fisherellus* Obenberger, 1936, 150–151, 416, 424, 431, 439, 452, 468

- fisherianus* Knull, 1930, 152, 499, 502  
*fisheri* Obenberger, 1924 (synonym of *fulvovittatus* Fisher, 1921), 157  
*fleischeri* Obenberger, 1925, 152–153, 434, 496–499, 503  
*floridanus* Crotch, 1873, 153, 415, 429, 434  
*forschhammeri* Curletti, 1998, 153, 455  
*fortunatus* Lewis, 1893, 154, 432  
*foveicollis* Marseul, 1869 (synonym of *betuleti* Ratzeburg, 1837), 67  
*foveolatus* Abeille de Perrin, 1897 (synonym of *cuprescens* Ménériés, 1832), 106  
*francottei* Curletti, 1997, 154, 457  
*frenchi* Blackburn, 1891, 154, 473, 482  
*frequens* Curletti & Dutto, 1999, 154, 450  
*friebl* Obenberger, 1922, 155, 434–436, 441, 443, 483, 512  
*frisoni* Fisher, 1943 (synonym of *addendus* Crotch, 1873), 21  
*frosti* Knull, 1920, 156, 434, 443, 446  
*fukushimenis* Jendek, 1994 (subspecies of *sibiricus* Obenberger, 1912), 332, 505  
*fulgens* LeConte, 1860, 156, 413, 499  
*fulminans* Fisher, 1928 (subspecies of *quadriguttatus* Gory, 1841), 299, 436, 502, 503  
*fulvopictus* Kerremans, 1896, 157, 508  
*fulvovittatus* Fisher, 1921, 157, 454  
*funebri* *funebri* Deyrolle, 1864, 432, 433, 454  
*funestus* Gory, 1841, 158, 450, 466  
*furcillatus* Chevrolat, 1834, 158, 481, 494, 513  
*fuscipennis* Gory, 1841, 158–159, 427–429  
*fuscosericeus* Daniel & Daniel, 1898 (synonym of *macroderus* Abeille de Perrin, 1897), 219
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- ganglbaueri* Semenov, 1891, 159, 496–498  
*gardneri* Théry, 1928 (synonym of *mixtus* Kerremans, 1892), 232  
*gazzella* Curletti & Dutto, 1999, 160, 450  
*gebleri* Obenberger, 1924 (synonym of *viridis* Linné, 1758), 380  
*geminatus* (Say, 1823), 160, 436, 437, 440, 442, 444, 446, 448, 463  
*geronimoi* Knull, 1950, 161, 434  
*gerschumi* Stepanov, 1958 (synonym of *tschitscherini* Semenov, 1895), 365  
*gestroi* Kerremans, 1906, 161, 456, 457  
*ghesquierei* Théry, 1937 (synonym of *bonvouloirii* Murray, 1868), 77  
*gianassoii* Magnani & Niehuis, 1994, 161, 406  
*gibbicollis* Fall, 1901, 161–162, 425, 434, 468  
*giesberti* Hespeneheide, 2009, 162, 466  
*gillespiensis* Knull, 1947, 162, 415  
*giorgiae* Curletti, 2004, 162, 467  
*giraudi* Baudon, 1965 (synonym of *birmanicus* Kerremans, 1892), 75  
*globulifrons* Obenberger, 1920, 163, 445  
*gobicola* Cobos, 1968 (synonym of *unguiculosus* Obenberger, 1936), 369  
*goergeni* Curletti & Vayssières, 2007, 163, 467  
*gordoni* Curletti & Sakalian, 2009, 163, 450  
*gouyei* Baudon, 1965 (synonym of *inops* Kerremans, 1892), 195  
*graecus* Obenberger, 1916, 163–164, 485, 504, 505  
*graminis* Gory & Laporte (unavailable synonym of *graminis* Kiesenwetter, 1857), 164  
*graminis* Kiesenwetter, 1857, 164–167, 403, 408, 410, 412, 413, 420, 431–434, 437–439, 441–443, 448, 479, 505  
*grandiceps* *grandiceps* Kiesenwetter, 1857, 168, 437, 439, 442  
*grandinatus* Curletti, 2010, 169–170, 414, 476, 507  
*grandis* Gory & Laporte, 1839, 170, 454, 456, 457  
*granulatus* (Say, 1823), 170–171, 408, 410, 497–499  
*gravis* LeConte, 1860 (synonym of *anxius* Gory, 1841), 41  
*gregori* Obenberger, 1936, 173, 456  
*grisator* Kerremans, 1893, 173, 494  
*griseocupreus* Schaefer, 1961 (unavailable synonym of *roscidus* Kiesenwetter, 1857), 309  
*griseoniger* Hespeneheide, 1990, 174, 451  
*gueorguievi* Curletti & Sakalian, 2009, 174, 450  
*guerini* Lacordaire, 1835, 174–175, 496, 498–504  
*guerryi* Obenberger, 1933, 176, 462  
*gussakovskiji* Alexeev, 1981, 176, 447, 509
- H**
- haniquei* Baudon, 1965 (synonym of *weyersi* Kerremans, 1900), 398  
*harenus* Nelson, 1994, 176, 430  
*harmodius* *harmodius* Obenberger, 1935, 177, 457  
*hassani* Théry, 1930, 177, 491

*hastulatus* Fåhraeus, 1851, 177  
*hastulifer* (Ratzeburg, 1837), 177–179, 408, 411, 412, 431, 434, 436–440, 442, 443, 490  
*hastuliformis* Novak, 2003, 179, 439  
*hattorii* Nakane, 1983, 180, 435, 443  
*hauserellus* Obenberger, 1935 (synonym of *asiaticus* Kerremans, 1898), 48  
*hectori* Curletti, 2005, 180–181, 406, 414, 421, 445, 483  
*hehe* Curletti & Dutto, 1999, 181, 458  
*hemicolor* Schaefer, 1937 (unavailable synonym of *antiquus* Mulsant & Rey, 1863), 39  
*hemiphanes* Marseul, 1866 (subspecies of *grandiceps* Kiesenwetter, 1857), 168–169, 434, 437, 439, 442, 463  
*hermineus* Abeille de Perrin, 1907 (synonym of *lineola* Kiesenwetter, 1857), 214  
*hespenheidei* Nelson, 1991, 181, 439, 468, 481  
*heterothecae* Knull, 1972, 182, 425  
*hirashimai hirashimai* Kurosawa, 1964, 431  
*hittita* Magnani, 1996, 182, 434  
*horni* Kerremans, 1900, 182–183, 496, 498, 499  
*howdenae* Curletti, 1999, 183, 454  
*howdeni* Knull, 1957, 183, 481  
*howdenorum* Hesperheide, 2008, 183, 504  
*huachucae* Schaeffer, 1905, 183–184, 424, 425, 434  
*hualpaii* Knull, 1939, 184, 452, 468  
*humilis* Kerremans, 1895, 184, 508  
*hungerbuehleri* Pochon, 1963 (synonym of *derasofasciatus* Lacordaire, 1835), 129  
*hyperici* (Creutzer, 1799), 3, 184–186, 445, 446, 504  
*hypericicola* Abeille de Perrin, 1893, 186, 445  
*hypoleucus* Gory & Laporte, 1839, 186–187, 419, 452–455, 478

**I**

*ibericus* Sobrino Sánchez & Tolosa Sánchez, 2005, 187, 448  
*igai* Kurosawa, 1963 (synonym of *asiaticus* Kerremans, 1898), 48  
*ignotus* Schaefer, 1946 (unavailable synonym of *viridis* Linné, 1758), 380  
*ignotus* Waterhouse, 1889, 188, 415  
*illectus* Fall, 1901, 188, 404, 466–468, 471, 482  
*imbellis* Crotch, 1873, 189, 421, 424, 426, 470  
*imitans* Lewis, 1893, 190, 417, 510, 511  
*impexus* Horn, 1891, 190–191, 425, 453, 459, 460, 463, 467, 468, 470, 512  
*impopularis* Deyrolle, 1864, 191, 508

*impressicollis* Marseul, 1866 (synonym of *betuleti* Ratzeburg, 1837), 67  
*inadai* Fukutomi, 2006, 192, 505  
*inamoenus* Kerremans, 1892, 192, 403, 494  
*incongruellus* Obenberger, 1935, 192, 457  
*inconstans* Fisher, 1921 (synonym of *incongruellus* Obenberger, 1935), 192  
*incredulus* Curletti, 2005, 193, 414  
*indignus* Fairmaire, 1849, 193, 473, 474  
*inexpectatus* Novak & Curletti, 2007, 193, 455  
*ingae* Curletti, 2005, 193, 464  
*inhabilis inhabilis* Kerremans, 1900, 195, 422, 424, 470  
*inops* Kerremans, 1892, 195, 475  
*insidiosus* Kerremans, 1896, 196, 508  
*insuspectus* Obenberger, 1924 (synonym of *sibiricus* Obenberger, 1912), 332  
*integerrimus* (Ratzeburg, 1837), 196–198, 412, 413, 415, 434, 492, 496, 498, 499, 501, 509  
*interruptus* LeConte, 1860 (synonym of *obsoletoguttatus* Gory, 1841), 248  
*interstitialis* Hesperheide & Westcott, 2011, 199, 468  
*invectus* Curletti & Dutto, 1999, 199, 450  
*irruptus* Obenberger, 1931, 199, 415  
*ishigakianus* Tōyama, 1985 (subspecies of *auroapicalis* Kurosawa, 1957), 60, 495  
*isoberliniae* Curletti & Vayssières, 2007, 199, 465  
*italicus* Obenberger, 1920 (synonym of *cyanescens* Ratzeburg, 1837), 115  
*iturupicus* Alexeev, 1979 (synonym of *ribbei* Kiesenwetter, 1879), 306  
*ivetteae* Curletti, 2010, 199, 450, 458  
*ixcuinae* Fisher, 1938, 200, 454

**J**

*jacetanus* Sobrino Sánchez & Tolosa Sánchez, 2004, 200, 504  
*japanocarinatus* Ohmomo, 2002, 200, 479  
*javicola* Fisher, 1935, 200, 455  
*jenissejensis* Obenberger, 1924 (synonym of *mali* Matsumura, 1924), 222  
*jenningsi* Fisher, 1938, 200–201, 414, 464, 483  
*jiloi* Curletti & Sakalian, 2009, 201, 450  
*jirnensis* Obenberger, 1937 (unavailable synonym of *obscuricollis* Kiesenwetter, 1857), 245  
*johanidesi* Niehuis, 1999 (subspecies of *cyanescens* Ratzeburg, 1837), 121, 418  
*juglandis* Knull, 1920, 201, 447  
*jureceki* Obenberger, 1924 (synonym of *ater* Linné, 1767), 53

**K**

- kabakovi* Alexeev, 1992 (synonym of *monogrammus* Thomson, 1879), 234  
*kalshoveni* Obenberger, 1931, 202, 475  
*kaluganus* Obenberger, 1940, 202, 412, 413  
*kamtschaticus* Stepanov (unavailable synonym of *viridis* Linné, 1758), 380  
*kangaroo* Curletti, 2001, 202, 454  
*karrooi* Curletti, 1999, 203, 450  
*kinuthiae* Curletti & Sakalian, 2009, 203, 450  
*koala* Curletti, 2001, 203, 450, 451  
*komareki komareki* Obenberger, 1926, 203–204, 477, 508–510  
*krantzi* Kerremans, 1911, 204, 456  
*krugerusi* Obenberger, 1924 (synonym of *viridis* Linné, 1758), 380  
*kubani* Bílý, 1991, 204–205, 316, 472  
*kuldjensis* Obenberger, 1936 (synonym of *nivosus* Abeille de Perrin, 1900), 242  
*kurosawai* Obenberger, 1940 (synonym of *fleischeri* Obenberger, 1925), 152  
*kurumi* Kurosawa, 1957, 205, 447  
*kutahyanus* Królik, 2002, 205, 505  
*kuzikusensis* Curletti & Cristiano, 2013, 205, 454  
*kuznecovinus* Obenberger, 1936 (synonym of *cuprescens* Ménériés, 1832), 106  
*kyselyi* Obenberger, 1924 (synonym of *cyanescens* Ratzeburg, 1837), 115

**L**

- lacordairei* Gory & Laporte, 1839, 206, 495  
*lacus* Curletti & Ponel, 1994, 206, 424  
*lacustris* LeConte, 1860, 206–207, 430, 434, 436, 508  
*lasiolus* Obenberger, 1935 (synonym of *ussuricola* Obenberger, 1924), 370  
*lateralis* (Say, 1823) (synonym of *sayi* Saunders, 1870), 325  
*laticornis* (Illiger, 1803), 207–210, 408–413, 431, 432, 434, 437, 439, 441–443, 475, 480, 488, 491, 499, 501, 504  
*laticornis* Gory & Laporte (unavailable synonym of *angustulus* Illiger, 1803), 32  
*latifrons* Waterhouse, 1889, 210, 462  
*latipalpis* Jendek, 2007, 211, 434  
*lautuellus* Fisher, 1928, 211, 428  
*lecontei lecontei* Saunders, 1871, 212, 416, 417, 426, 434  
*leucaenae* Hespénheide, 2009, 213, 465  
*limoniastri* Bedel, 1886, 213, 481  
*limpiae* Knoll, 1941, 213–214, 495, 507

- linderi* Marseul, 1866 (synonym of *antiquus* Mulsant & Rey, 1863), 39, 40  
*linearis* (Fabricius, 1792) (synonym of *viridis* Linné, 1758), 380  
*linearis* Panzer (unavailable synonym of *viridis* Linné, 1758), 380  
*lineola lineola* Kiesenwetter, 1857, 214–215, 411, 499–502, 504  
*lineola* Redtenbacher (unavailable synonym of *lineola* Kiesenwetter, 1857), 214  
*liragus* Barter & Brown, 1949 (subspecies of *granulatus* Say, 1823), 171–172, 496, 497, 499  
*lithocarpi* Curletti, 2006, 215, 433  
*littlei* Curtis, 1840 (synonym of *viridis* Linné, 1758), 380  
*litura* Kiesenwetter, 1857, 215–216, 434, 437, 438, 442  
*lituratus* (Klug, 1829), 216, 217, 450, 453, 455, 456, 487  
*ljubomirovi* Curletti & Sakalian, 2009, 217, 450  
*lopatini* Alexeev, 1964, 217, 482  
*lucanus* Fall, 1906, 217, 427  
*lucindae* Hespénheide, 2010, 218, 403  
*luctator* Kerremans, 1903, 218, 451, 454  
*lugovoi* Stepanov, 1958 (synonym of *salicis* Frivaldszky, 1877), 321

**M**

- maboceanus* Curletti, 1998, 218, 427  
*macer* LeConte, 1858, 218, 415–417  
*machnovskii* Stepanov, 1958 (synonym of *tschitscherini* Semenov, 1895), 365  
*macrocephalus* Curletti, 2006, 219, 431  
*macroderus* Abeille de Perrin, 1897, 219, 406, 434, 459, 484, 486–488, 492, 499, 510, 512  
*maddalenae* Curletti, 1998, 221, 456  
*madeci* Baudon, 1968, 221, 434  
*makiharaiellus* Ohmomo, 2006, 222, 432  
*makiharai* Ohmomo, 2005 (synonym of *makiharaiellus* Ohmomo, 2006), 222  
*malariae* Curletti & Dutto, 1999 (subspecies of *cailloli* Obenberger, 1935), 80, 449  
*malicola* Rungs & Schaefer, 1948, 223, 486  
*mali* Matsumura, 1924, 222, 486, 488  
*mallotiellus* Kurosawa, 1985, 223, 430  
*malloti* Kurosawa, 1957 (synonym of *mallotiellus* Kurosawa, 1985), 223  
*malloti* Théry, 1930, 223, 430  
*malvastri* Fisher, 1928, 224, 475, 482

- mamorenensis* Théry, 1930 (synonym of *graminis* Kiesenwetter, 1857), 164
- manzanitae* Chamberlin, 1929 (synonym of *arbuti* Fisher, 1928), 44
- marces* Obenberger, 1935, 224, 465
- marcopoli* Obenberger, 1930 (synonym of *planipennis* Fairmaire, 1888), 224
- marginicollis* Saunders, 1873, 224, 512
- margotanae* Novak, 2001, 225, 485, 487
- marietae* Curletti & Sakalian, 2007, 225, 453
- marmoreus* Deyrolle, 1864 (synonym of *occipitalis* Eschscholtz, 1822), 251
- marozzini* Gobbi, 1974, 225, 406, 407
- masai* Curletti, 1994 (subspecies of *ukerewensis* Obenberger, 1941), 369, 450
- masulinus* Horn, 1891, 226, 407, 413, 434, 443, 446, 449, 460, 463, 505, 506
- mashunus* Péringuey, 1908, 227, 457
- massanensis* Schaefer, 1955, 228, 496, 498, 500, 502, 503
- mastersii* MacLeay, 1872, 228–229, 453
- matacottai* Curletti & Dutto, 1999, 229, 450
- mediocris* Kerremans, 1900, 229, 494
- melanocerus* Curletti, 2005, 229, 454
- melanolucidus* Ohmomo, 2005 (synonym of *nipponigena* Obenberger, 1935), 240
- melanopterus* Solsky, 1876 (synonym of *cyaneoniger* Saunders, 1873), 114
- meloni* Curletti, 1986, 229, 508
- mendax* Mannerheim, 1837, 49, 230–231, 415, 485, 489, 490, 492, 493, 499
- mephistopheles* Abeille de Perrin, 1897 (synonym of *grandiceps hemiphanes* Marseul, 1866), 168
- mercurius* Wickham, 1903 (synonym of *gibbicollis* Fall, 1901), 161
- meridionalis* Cobos, 1986 (synonym of *massanensis* Schaefer, 1955), 228
- metropolitanus* Curletti, 2005, 231, 475, 480
- mimosae* Fisher, 1928, 232, 453, 459, 466
- minimus* Curletti, 1998 (synonym of *pediculus* Curletti, 1999), 274
- mirei* Descarpentries & Mateu, 1965 (synonym of *tarae* Bellamy, 1999), 358
- mixtus* Kerremans, 1892, 232, 458, 466, 469
- moerens* Saunders, 1873, 232, 434–436, 443, 459, 499
- mogadoricus* *mogadoricus* Escalera, 1914, 233, 461, 462, 470
- mojavei* Knull, 1952 (subspecies of *granulatus* Say, 1823), 172, 496, 497
- mokrzeckii* Obenberger, 1927 (synonym of *cuprescens* Ménériés, 1832), 106
- monogrammus* Thomson, 1879, 234, 434
- montosae* Barr, 2008, 234, 468
- morawitzi* Obenberger, 1936, 234, 404, 405, 422, 423, 459
- moriscus* Obenberger, 1913, 235–236, 463, 469, 470
- morobensis* Curletti, 2006, 236, 431, 433
- motobuanus* Fukutomi, 2006 (synonym of *obscurecinctus* Obenberger, 1935), 244
- motoinus* Obenberger, 1935, 236, 417
- mourguesi* Schaefer, 1954 (subspecies of *beauprei* Théry, 1930), 66, 479
- muscarius* Kerremans, 1895, 236, 464
- mutabilis* Waterhouse, 1889, 236–237, 450, 454
- muticus* LeConte, 1858, 237, 473
- myops* Curletti, 1998, 237, 456

## N

- napatecutli* Fisher, 1938, 237, 450
- navarrei* Baudon, 1965, 237, 477
- nebulatus* Curletti, 2006, 238, 432, 433, 449, 513
- nelsonodaimio* Ohmomo, 2006, 238, 429
- neoprosopidus* Knull, 1938, 238–239, 450, 465
- nero* Obenberger, 1935 (synonym of *mashunus* Péringuey, 1908), 227
- nevadensis* Horn, 1891, 239, 496, 499, 503
- nicolanus* Obenberger, 1924, 239, 434, 509
- nigeriae* Obenberger, 1935, 240, 467
- nigricans* Gory, 1841, 240, 443
- nigrivestis* Abeille de Perrin, 1897 (synonym of *grandiceps hemiphanes* Marseul, 1866), 168
- nipponicola* Kurosawa, 1963 (synonym of *fleischeri* Obenberger, 1925), 152
- nipponigena* Obenberger, 1935, 240–241, 427, 428, 500, 501
- nirius* Obenberger, 1924 (synonym of *occipitalis* Eschscholtz, 1822), 251
- niveiventris* Horn, 1891 (subspecies of *quadriguttatus* Gory, 1841), 300, 496, 498, 500, 502, 503
- niveoguttatus* Kerremans, 1892, 241, 438
- niveosignatus* Obenberger, 1914, 241, 405, 450
- nivosus* Abeille de Perrin, 1900, 242, 406, 422
- njugunai* Curletti & Sakalian, 2009, 242, 450
- nocivus* (Ratzeburg, 1837) (synonym of *viridis* Linné, 1758), 380
- nodifrons* Waterhouse, 1889, 242, 414

*novicus* Westhoff, 1881 (unavailable synonym of *viridis* Linné, 1758), 380, 392  
*nubeculosus nubeculosus* Fairmaire, 1891, 243, 450, 456

**O**

*oblongus* Fisher, 1928, 243, 415, 417, 512  
*obolinus* LeConte, 1860, 244, 415, 416, 424, 509  
*obrienorum* Hespenheide, 2009, 244, 454  
*obrucevi* Obenberger, 1936 (synonym of *pseudocyanus* Kiesenwetter, 1857), 289–290  
*obscurecinctus* Obenberger, 1935, 244–245, 505  
*obscuricollis* Kiesenwetter, 1857, 245–247, 410–413, 431, 434, 437, 439, 441–443, 477, 492, 505  
*obscurilineatus* Vogt, 1949, 247–248, 453, 455, 512  
*obscurus* Bauduer (unavailable synonym of *obscuricollis* Kiesenwetter, 1857), 245–247  
*observans* Waterhouse, 1889, 248, 454  
*obsoletoguttatus* Gory, 1841, 248–251, 410, 412, 414, 417, 428, 432–434, 436, 439–444, 446–448, 463, 500, 506, 510, 511  
*obtusus* Abeille de Perrin, 1897 (synonym of *cuprescens* Ménétris, 1832), 106  
*obtusus* Horn, 1891, 251, 459, 470, 471  
*occidentalis* Uhler, 1855 (synonym of *difficilis* Gory, 1841), 133  
*occipitalis* (Eschscholtz, 1822), 251–252, 494, 495  
*oceanicus* Cobos, 1959, 252, 470  
*ocularis* Curletti, 1998, 252, 417  
*ohioensis* Knull, 1951, 253, 412, 510  
*okinawensis okinawensis* Miwa, 1933, 253, 430, 468  
*olentangyi* Champlain & Knull, 1925, 254, 407, 417, 434  
*olivaceidorsis* Obenberger, 1917, 254–255, 494  
*olivaceoaneus* Hespenheide, 1990, 255, 450  
*olivaceocupreus* Hespenheide, 1990, 255, 418, 464  
*olivaceoniger* Fisher, 1928, 255, 410, 439  
*oliveri* Niehuis, 1989, 256, 501  
*olivicolor* Kiesenwetter, 1857, 256–259, 404, 411–413, 431–434, 442, 443, 448, 487, 505, 507  
*oomsisensis* Curletti, 2006, 259, 427  
*opacipennis* Waterhouse, 1889, 259, 415, 450

*opulentus* Kerremans, 1900, 260, 421, 428, 477, 478  
*orangei* Curletti, 1999, 260, 450  
*ornatulus* Horn, 1891, 261, 452, 478, 507  
*ornatus* Deyrolle, 1864, 262, 458, 469, 472  
*orothi* Baudon, 1965, 262, 464  
*osburni* Knull, 1937, 262, 414, 442  
*otiosus* Say, 1833, 263–265, 413, 426, 428, 434, 436, 446–449, 460, 470, 505  
*oxygonus* Abeille de Perrin, 1907 (synonym of *antiquus* Mulsant & Rey, 1863), 39

**P**

*pacatus* Kerremans, 1913, 265, 476  
*pachycerus* Pochon, 1972, 265, 457  
*paganettii* Obenberger, 1913, 265–266, 462  
*palmacollis* Horn, 1891 (synonym of *pectoralis* Waterhouse, 1889), 273  
*palmerleei* Knull, 1944, 266, 439  
*paludicola* Krogerus, 1922, 266, 410, 411  
*pannonicus* (Piller & Mitterpacher, 1783) (synonym of *biguttatus* Fabricius, 1777), 70  
*panphilovi* Alexeev, 1959 (synonym of *asiaticus* Kerremans, 1898), 48  
*parabductus* Knull, 1954, 267, 450  
*paracelti* Knull, 1972, 267–268, 416, 417, 440, 446, 464, 511  
*paracyaneus* Schaefer, 1937 (unavailable synonym of *pratensis* Ratzeburg, 1837), 283  
*paradiseus* Obenberger, 1924, 268, 487  
*paraimpexus* Hespenheide, 2007, 268, 269, 430, 451–453, 458–460, 463, 464, 466–470, 512  
*paramacer* Hespenheide, 2009, 270, 415  
*paramasculinus* Champlain & Knull, 1923, 270, 464  
*parapubescens* Knull, 1934 (synonym of *pubescens* Fisher, 1928), 292  
*parapupala* Curletti, 1998, 271, 417  
*parkeri* Knull, 1935, 271, 436, 438–440  
*parkinsoniae* Hespenheide, 2009, 271, 467  
*parputillus* Knull, 1960 (subspecies of *putillus* Say, 1833), 298, 506  
*parvus parvus* Saunders, 1870, 272, 457  
*pecirkai* Obenberger, 1916, 272–273, 442, 488, 489  
*pectoralis* Waterhouse, 1889, 273, 452, 453, 462, 467–469  
*pediculus* Curletti, 1999, 274, 456  
*pekinensis pekinensis* Obenberger, 1924, 274, 465

- peninsularis* Van Dyke, 1942, 274, 460, 462, 467, 468
- pensus* Horn, 1891, 275, 408–410, 413
- peregrinus* Kiesenwetter, 1879, 275–276, 409, 509
- peresoso* Curletti, 2005, 276, 464
- perisi* Cobos, 1986, 276, 423, 496
- perlisensis* Fisher, 1936, 276–277, 467
- perrieri* Baudon, 1965 (synonym of *aereus* Saunders, 1866), 23
- perrini* Pic, 1905, 277, 406
- philippovi* Alexeev, 1965 (subspecies of *vaginalis* Abeille de Perrin, 1897), 371, 422
- pilosellus* Thomson, 1878, 277, 476
- pilosovittatus* Saunders, 1873, 277–278, 432, 459, 471, 472
- pilosus* Waterhouse, 1889, 278, 511
- pisanus* Curletti, 1980 (synonym of *paganettii* Obenberger, 1913), 265
- pisanus* Obenberger (unavailable synonym of *paganettii* Obenberger, 1913), 265
- piscis* Gory, 1841, 278, 471
- pastaciophagus* Alexeev & Kulinitsh, 1962 (synonym of *chlorophyllus* Abeille de Perrin, 1904), 88
- planefasciatus* Obenberger, 1936 (synonym of *asiaticus* Kerremans, 1898), 48
- planiceps* Abeille de Perrin, 1897 (synonym of *curtulus* Mulsant & Rey, 1863), 113
- planipennis* Fairmaire, 1888, 278–280, 447, 448, 479, 480, 509, 510
- politus* (Say, 1825), 281–283, 409, 413, 434, 436, 470, 485, 490, 500–506
- politus* Weiss (unavailable synonym of *cuprescens* Ménétrés, 1832), 110
- pooli* Théry, 1936 (synonym of *cyanescens* Ratzeburg, 1837), 115
- popovi* Curletti & Sakalian, 2009, 283, 450
- populi* Fisher, 1928 (subspecies of *granulatus* Say, 1823), 172–173, 409, 498, 499
- populneus* Schaefer, 1946 (synonym of *suworovi* Obenberger, 1935), 354
- pouesseli* Baudon, 1960, 283, 469
- prasinus* Mulsant & Rey, 1863 (synonym of *hyperici* Creutzer, 1799), 184, 186
- pratensis* (Ratzeburg, 1837), 283–286, 410, 427, 432, 434, 488, 496–500, 503
- preysslerei* Obenberger, 1933, 286, 450
- prionurus* Chevrolat, 1838, 287, 507
- prospidis* Fisher, 1928, 287–288, 416, 417, 452, 462, 465–469, 495
- proteus* Abeille de Perrin, 1893, 288, 498, 500, 502
- pruinosulus* Abeille de Perrin, 1897 (synonym of *antiquus* Mulsant & Rey, 1863), 39
- prunicola* Goidanich, 1941 (unavailable synonym of *macroderus* Abeille de Perrin, 1897), 219
- przewalskii* Obenberger, 1936, 288–289, 422, 478
- pseudalbogularis* Alexeev (unavailable synonym of *morawitzi* Obenberger, 1936), 234
- pseudoconstantini* Alexeev, 1981, 289, 459
- pseudocoryli* Fisher, 1928, 289, 413, 513
- pseudocyanus* Kiesenwetter, 1857, 289–290, 498, 500, 501, 511
- pseudofallax* Frost, 1923, 290–291, 434, 463
- pseudolimoniastri* Cobos, 1968, 291, 459
- pseudolitiratus* Descarpentries, 1959, 291, 450
- pseudonubeculosus* Descarpentries, 1959, 292, 450
- pseudopurpuratus* Descarpentries & Bruneau de Miré, 1963, 292, 455
- pseudosericans* Obenberger, 1936, 292, 459
- pseudoussuricola* Alexeev, 1979 (synonym of *kaluganus* Obenberger, 1940), 202
- pubescens* Fisher, 1928, 292–293, 453, 469
- pubifrons* Fisher, 1928, 293, 404, 422, 425
- pubiventris* Kiesenwetter, 1857, 293, 509
- pueblae* Hespeneheide, 2009 (subspecies of *rifkindi* Hespeneheide, 2009), 308, 451
- pujoli* *pujoli* Descarpentries, 1963, 294, 494
- pulchellus* Bland, 1865, 294–295, 414, 416, 425, 436, 475, 478
- pulex* Curletti & Bellamy, 2005, 295, 452
- pulvereus* Abeille de Perrin, 1895, 295–296, 404, 405, 487, 498, 509
- puncticeps* LeConte, 1860, 296, 447, 463
- pupalinus* Curletti, 1998, 297, 417
- purpuratus* (Klug, 1829), 297, 450, 452, 453, 456, 483
- pusillus* (Say, 1825) (synonym of *parvus* Saunders, 1870), 272
- putillus* *putillus* Say, 1833, 298, 426, 463, 505, 506
- pyri* Blanchard, 1845 (synonym of *sinuatus* Olivier, 1790), 333

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- quadricostatus* Waterhouse, 1889, 299, 462
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- alpinus* Mill. [*Cytisus*] [Synonym of: *Laburnum alpinum* (Mill.) Bercht. & J. Presl], Leguminosae, Angiosperms, 123, 461
- amara* Aubl. [*Simarouba*], Simaroubaceae, Angiosperms, 327, 507
- amara* (Roxb.) B. Boivin [*Albizia*], Leguminosae, Angiosperms, 170, 457
- ambigua* A.Gray [*Sphaeralcea*], Malvaceae, Angiosperms, 149, 475
- Amelanchier*, Rosaceae, Angiosperms, 393, 484
- americana* L. [*Fraxinus*], Oleaceae, Angiosperms, 279, 347, 479
- americana* L. [*Ulmus*], Ulmaceae, Angiosperms, 250, 510
- americana* L. [*Waltheria*] [Synonym of: *Waltheria indica* L.], Malvaceae, Angiosperms, 277, 476

- americana* (Pers.) Sweet [*Fagus*] [Synonym of: *Fagus grandifolia* ssp. *grandifolia* Ehrh.], Fagaceae, Angiosperms, 46, 249, 432
- americana* Walter [*Corylus*], Betulaceae, Angiosperms, 18, 45, 54, 83, 85, 99, 156, 263, 281, 289, 413
- ammodendron* Bunge [*Astragalus*], Leguminosae, Angiosperms, 371, 458
- Amsinckia*, Boraginaceae, Angiosperms, 294, 414
- amygdaliformis* Vill. [*Pyrus*], Rosaceae, Angiosperms, 313, 335, 488
- amygdalina* L. [*Salix*], Salicaceae, Angiosperms, 321, 500
- amygdalus* Batsch [*Prunus*], Rosaceae, Angiosperms, 219, 225, 295, 313, 487
- Amygdalus*, Rosaceae, Angiosperms, 312, 484, 487
- anagyriifolius* Cosson & Balansa (1873) [*Adenocarpus*], Leguminosae, Angiosperms, 173, 234, 456
- anagyroides* Medik. [*Laburnum*], Leguminosae, Angiosperms, 123, 461, 465
- angulata* Aiton [*Populus*] [Synonym of: *Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall], Salicaceae, Angiosperms, 497
- angustifolia* (Cav.) G. Don [*Sphaeralcea*], Malvaceae, Angiosperms, 56, 475
- angustifolia* Willd [*Salix*], Salicaceae, Angiosperms, 110, 321, 500
- angustissima* (Mill.) Kuntze [*Acacia*], Leguminosae, Angiosperms, 23, 268, 451
- Anthemis*, Compositae, Angiosperms, 143, 422
- arabica* L. [*Coffea*], Rubiaceae, Angiosperms, 294, 494
- arborea* (F. Michx.) Fernald [*Amelanchier*], Rosaceae, Angiosperms, 19, 393, 484
- arborea* L. [*Erica*], Ericaceae, Angiosperms, 143, 429
- arborescens* Lam. [*Caragana*], Leguminosae, Angiosperms, 95, 219, 289, 459
- arborescens* (Mill.) Sarg. [*Colubrina*], Rhamnaceae, Angiosperms, 343, 482, 483
- arboreum* (L.) DC. [*Oxydendrum*], Ericaceae, Angiosperms, 159, 429
- arboreus* (L.) Decne. & Planch. [*Dendropanax*], Araliaceae, Angiosperms, 54, 408
- arbuscula* Pall. [*Salsola*], Amaranthaceae, Angiosperms, 372, 405
- arbutifolia* (L.) L. f. [*Pyrus*] [Synonym of: *Adenorachis arbutifolia* (L.) Nieuwl.], Rosaceae, Angiosperms, 393, 488
- arbutifolia* (L.) Nieuwl. [*Adenorachis*], Rosaceae, Angiosperms, 393, 483, 488
- Arbutus*, Ericaceae, Angiosperms, 311, 428
- Arctostaphylos*, Ericaceae, Angiosperms, 45, 428, 429
- arcuata* Bunge [*Suaeda*], Amaranthaceae, Angiosperms, 373, 405
- arenosa* (Willd.) Poir. [*Mimosa*], Leguminosae, Angiosperms, 375, 466
- argutidens* Nakai [*Symplocos*], Symplocaceae, Angiosperms, 124, 508
- Argythamnia*, Euphorbiaceae, Angiosperms, 47, 429
- aria* Crantz [*Sorbus*], Rosaceae, Angiosperms, 314, 335, 384, 493
- ariana* Dode [*Populus*] [Synonym of: *Populus euphratica* Olivier], Salicaceae, Angiosperms, 497
- aridum* (Greene) S. Stokes [subspecies of *Eriogonum umbellatum*] [Synonym of: *Eriogonum umbellatum* var. *dichrocephalum* Gand.], Polygonaceae, Angiosperms, 188, 482
- arizonica* Sarg. [*Quercus*], Fagaceae, Angiosperms, 15, 16, 271, 294, 303, 363, 397, 436
- arkansana* Porter [*Rosa*], Rosaceae, Angiosperms, 108, 490
- armata* (S. Watson) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 194, 195, 459, 470
- armata* S. Watson [*Cassia*] [Synonym of: *Senna armata* (S. Watson) H. S. Irwin & Barneby], Leguminosae, Angiosperms, 194, 195, 459
- armeniaca* L. [*Prunus*], Rosaceae, Angiosperms, 220, 313, 484, 487
- arnottianus* A. Gray [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- aromatica* Aiton [*Rhus*], Anacardiaceae, Angiosperms, 226, 407
- Artemisia*, Compositae, Angiosperms, 26–28, 138, 235, 242, 293, 329, 371, 401, 422–424
- aruncus* L. [*Spiraea*] [Synonym of: *Aruncus sylvester* Kostel. ex Maxim.], Rosaceae, Angiosperms, 118, 493
- asiaticum* (Siebold & Zucc.) Nakai [*Trachelospermum*], Apocynaceae, Angiosperms, 367, 408
- Astragalus*, Leguminosae, Angiosperms, 371, 458

*atlantica* Desf. [*Pistacia*], Anacardiaceae,  
Angiosperms, 89, 309, 357, 406  
*Atraphaxis*, Polygonaceae, Angiosperms,  
217, 482  
*aucuparia* L. [*Sorbus*], Rosaceae,  
Angiosperms, 35, 230, 335, 493  
*aurantifolia* (Christm.) Swingle [*Citrus*],  
Rutaceae, Angiosperms, 252, 494  
*aurantium* L. [*Citrus*], Rutaceae, 173, 494  
*aurea* Schldl. [*Justicia*], Acanthaceae,  
Angiosperms, 218, 403  
*aureum* Pursh [*Ribes*], Grossulariaceae,  
Angiosperms, 307, 444  
*auriculata* Mill. [*Salix*], Salicaceae,  
Angiosperms, 386, 501  
*aurita* L. [*Salix*], Salicaceae, Angiosperms,  
128, 174, 209, 322, 345, 386, 501, 504  
*australasica* (Müll. Arg.) Pax & K. Hoffm.  
[*Drypetes*] [Synonym of: *Drypetes*  
*deplanchei* (Brongn. & Gris) Merr.],  
Putranjivaceae, Angiosperms, 125, 482  
*australe* Baill. ex Müll. Arg. [*Claoxylon*],  
Euphorbiaceae, Angiosperms, 82, 430  
*australis* C. A. Mey. [*Cornus*] [Synonym of:  
*Cornus sanguinea* ssp. *australis*  
(C. A. Mey.) Jáv.], Cornaceae,  
Angiosperms, 105, 426  
*australis* (C. A. Mey.) Jáv. [subspecies of  
*Cornus sanguinea*], Cornaceae,  
Angiosperms, 105, 426, 427  
*australis* L. [*Celtis*], Cannabaceae,  
Angiosperms, 57, 196, 230, 310, 415  
*austriacum* (Wiesb.) Vollm. [subspecies of  
*Viscum album*], Santalaceae,  
Angiosperms, 164, 205, 505  
*austriacus* (L.) [*Chamaecytisus*] [Synonym of:  
*Cytisus austriacus* L.], Leguminosae,  
Angiosperms, 41, 460  
*austriacus* L. [*Cytisus*], Leguminosae,  
Angiosperms, 41, 460, 461  
*avellana* L. [*Corylus*], Betulaceae,  
Angiosperms, 32, 165, 196, 202, 207,  
245, 257, 344, 381, 413  
*avium* (L.) L. [*Prunus*], Rosaceae,  
Angiosperms, 35, 313, 487  
*avium* (L.) Moench [*Cerasus*], Rosaceae,  
Angiosperms, 313, 484  
*azarolus* L. [*Crataegus*], Rosaceae,  
Angiosperms, 334, 485  
*azederach* L. [*Melia*], Meliaceae,  
Angiosperms, 356, 476

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*babylonica* L. [*Salix*], Salicaceae,  
Angiosperms, 240, 282, 501, 503  
*Baccharis*, Compositae, Angiosperms, 138,  
211, 424  
*bakko* Kimura [*Salix*] [Synonym of: *Salix*  
*caprea* L.], Salicaceae, Angiosperms,  
320, 501  
*balansae* (Boiss.) Ball [*Cytisus*], Leguminosae,  
Angiosperms, 233, 461, 463  
*ballotiflora* Benth. [*Salvia*], Lamiaceae,  
Angiosperms, 324, 448  
*balsamifera* L. [*Populus*], Salicaceae,  
Angiosperms, 43, 51, 171, 344, 354,  
385, 497  
*batocaulon* A. Gray [*Desmodium*],  
Leguminosae, Angiosperms, 48,  
210, 462  
*bebbiana* Sarg. [*Salix*], Salicaceae,  
Angiosperms, 101, 501  
*belangeriana* (Moq.) Botsch. [*Halostachys*],  
Amaranthaceae, Angiosperms, 372, 404  
*berlandieri* Benth. [*Acacia*], Leguminosae,  
Angiosperms, 414, 451  
*Betula*, Betulaceae, Angiosperms, 18, 32, 42,  
56, 67, 116, 164, 170, 207, 245, 248,  
283, 333, 343, 350, 380, 409–411  
*betulus* L. [*Carpinus*], Betulaceae,  
Angiosperms, 32, 56, 116, 177, 207,  
256, 350, 381, 411, 412  
*bicapsularis* (L.) Roxb. [*Senna*], Leguminosae,  
Angiosperms, 84, 459, 470  
*bicolor* Willd. [*Quercus*], Fagaceae,  
Angiosperms, 302, 436  
*bifoliolata* Pellegr. [*Paraberlinia*] [Synonym  
of: *Julbernardia pellegriniana*  
Troupin], Leguminosae, Angiosperms,  
224, 467  
*biglobosa* (Jacq.) G. Don [*Parkia*],  
Leguminosae, Angiosperms, 128, 162,  
163, 240, 338, 467  
*binervata* DC. [*Acacia*], Leguminosae,  
Angiosperms, 126, 451  
*biuncifera* Benth. [*Mimosa*] [Synonym of:  
*Mimosa aculeaticarpa* Ortega],  
Leguminosae, Angiosperms, 269, 466  
*blanda* Aiton [*Rosa*], Rosaceae, Angiosperms,  
108, 490  
*bolleana* Lauche [*Populus*] [Synonym of:  
*Populus alba* var. *pyramidalis* Bunge],  
Salicaceae, Angiosperms, 354, 385, 497

- bombycis* Koidz. [*Morus*] [Synonym of: *Morus alba* L.], Moraceae, Angiosperms, 203, 477
- boninensis* Koidz. [*Celtis*], Cannabaceae, Angiosperms, 77, 127, 261, 328, 416, 417
- borealis* A. Gray [*Mimosa*], Leguminosae, Angiosperms, 232, 466
- borealis* F. Michx. [*Quercus*] [Synonym of: *Quercus rubra* L.], Fagaceae, Angiosperms, 436
- Brachystegia*, Leguminosae, Angiosperms, 181, 458
- bracteata* Abrams [*Gutierrezia*] [Synonym of: *Gutierrezia californica* (DC.) Torr. & A. Gray], Compositae, Angiosperms, 194, 425
- bracteatum* Thunb. [*Vaccinium*], Ericaceae, Angiosperms, 331, 429
- brandegeei* (Millsp.) Rose & Standl. [*Ditaxis*], Euphorbiaceae, Angiosperms, 268, 430
- brasiletto* H. Karst. [*Haematoxylum*], Leguminosae, Angiosperms, 29, 464
- brassii* Exell [*Terminalia*], Combretaceae, Angiosperms, 260, 392, 421
- brevifolia* Schinz [*Albizia*], Leguminosae, Angiosperms, 227, 457
- buhsei* (Boiss.) Shap. [*Colutea*], Leguminosae, Angiosperms, 372, 460
- bumalda* DC. [*Staphylea*], Staphyleaceae, Angiosperms, 104, 508
- Bumelia* [Synonym of: *Sideroxylon*], Sapotaceae, Angiosperms, 64, 507
- bungeanum* Maxim. [*Zanthoxylum*], Rutaceae, Angiosperms, 400, 495
- burkittii* Benth. [*Acacia*] [Synonym of: *Acacia acuminata* ssp. *burkittii* (Benth.) Kodela & Tinda], Leguminosae, Angiosperms, 203, 451
- burkittii* (Benth.) Kodela & Tinda [subspecies of *Acacia acuminata*], Leguminosae, Angiosperms, 203, 451
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- caerulea* L. [*Lonicera*], Caprifoliaceae, Angiosperms, 116, 418
- Caesalpinia*, Leguminosae, Angiosperms, 199, 458
- caesius* L. [*Rubus*], Rosaceae, Angiosperms, 35, 106, 109, 377, 492
- calamifolia* Lindl. [*Acacia*], Leguminosae, Angiosperms, 353, 451
- californica* (Torr. & A. Gray) A. Gray [*Brickellia*], Compositae, Angiosperms, 183, 424, 425
- californica* Benth. [*Calliandra*], Leguminosae, Angiosperms, 269, 458
- californica* (Torr.) Cooper [*Quercus*] [Synonym of: *Quercus kelloggii* Newb.], Fagaceae, Angiosperms, 31, 46, 436
- californica* (Brandegee) I. M. Johnst. [*Diospyros*], Ebenaceae, Angiosperms, 217, 427
- californica* (DC.) Torr. & A. Gray [*Gutierrezia*], Compositae, Angiosperms, 194, 425
- californicus* Müll. Arg. [*Croton*], Euphorbiaceae, Angiosperms, 206, 430
- calliprinos* Webb [*Quercus*] [Synonym of: *Quercus coccoifera* L.], Fagaceae, Angiosperms, 178, 436
- Calophyllum*, Calophyllaceae, Angiosperms, 356, 415
- calycina* Roxb. [*Kydia*], Malvaceae, Angiosperms, 475
- calyculata* Tul. [*Ventilago*] [Synonym of: *Ventilago denticulata* Willd.], Rhamnaceae, Angiosperms, 483
- camara* L. [*Lantana*], Verbenaceae, Angiosperms, 363, 511
- campestre* L. [*Acer*], Sapindaceae, Angiosperms, 246, 387, 505
- campestre* L. [*Eryngium*], Apiaceae, Angiosperms, 115, 407
- campestris* L. [*Artemisia*], Compositae, Angiosperms, 26, 28, 423
- campestris* (Diels) L. A. S. Johnson [*Allocauarina*], Casuarinaceae, Angiosperms, 139, 419
- campestris* L. [*Ulmus*], Ulmaceae, Angiosperms, 35, 58, 119, 220, 315, 351, 510
- canadense* (L.) Michx. [*Helianthemum*], Cistaceae, Angiosperms, 189, 421
- canadensis* (L.) Farw. [*Pyrus*], Rosaceae, Angiosperms, 30, 47, 394, 484, 488
- canadensis* L. [*Cercis*], Leguminosae, Angiosperms, 84, 93, 226, 264, 460
- canadensis* L. [*Rubus*], Rosaceae, Angiosperms, 318, 492
- canadensis* (L.) Medik. [*Amelanchier*] [Synonym of: *Pyrus canadensis* (L.) Farw.], Rosaceae, Angiosperms, 30, 47, 394, 484



- canadensis* Moench [*Populus*], Salicaceae, Angiosperms, 51, 284, 354, 385, 497
- canariensis* Willd. [*Quercus*], Fagaceae, Angiosperms, 38, 178, 436, 441
- candicans* (Rich.) DC. [*Arrabidaea*] [Synonym of: *Fridericia candicans* (Rich.) L. G. Lohmann], Bignoniaceae, Angiosperms, 169, 414
- candicans* (Rich.) L. G. Lohmann [*Fridericia*], Bignoniaceae, Angiosperms, 169, 414
- canina* L. [*Rosa*], Rosaceae, Angiosperms, 108, 178, 230, 314, 490
- cannabinus* L. [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- capitata* (L.) L. [*Malachra*], Malvaceae, Angiosperms, 20, 474
- capitatum* L. [*Teucrium*], Lamiaceae, Angiosperms, 187, 448
- capitatus* Michx. [*Croton*], Euphorbiaceae, Angiosperms, 206, 430
- caprea* L. [*Salix*], Salicaceae, Angiosperms, 52, 68, 110, 119, 128, 174, 197, 209, 214, 290, 320, 322, 345, 386, 501
- Caragana*, Leguminosae, Angiosperms, 25, 95, 233, 292, 369, 459
- carica* L. [*Ficus*], Moraceae, Angiosperms, 246, 312, 477
- carolina* L. [*Rosa*], Rosaceae, Angiosperms, 108, 384, 490
- caroliniana* Walter [*Carpinus*], Betulaceae, Angiosperms, 81, 87, 248, 253, 412
- caroliniensis* Mill. [*Myrica*], Myricaceae, Angiosperms, 326, 477
- carpinifolia* Gled. [*Ulmus*], Ulmaceae, Angiosperms, 58, 510
- carpinifolia* Scop. [*Ostrya*], Betulaceae, Angiosperms, 32, 165, 307, 381, 413
- Carpinus*, Betulaceae, Angiosperms, 32, 81, 116, 177, 207, 214, 245, 256, 306, 358, 360, 381, 411, 412
- Carya*, Juglandaceae, Angiosperms, 46, 102, 140, 156, 249, 263, 267, 347, 362, 364, 446, 447
- caspica* C. A. Mey. [*Halostachys*] [Synonym of: *Halostachys belangeriana* (Moq.) Botsch.], Amaranthaceae, Angiosperms, 372, 404
- Cassia*, Leguminosae, Angiosperms, 38, 81, 90, 100, 195, 251, 459, 460
- Castanea*, Fagaceae, Angiosperms, 33, 74, 117, 177, 210, 245, 350, 353, 431
- castaneifolia* C. A. Mey. [*Quercus*], Fagaceae, Angiosperms, 165, 178, 437
- Castanopsis*, Fagaceae, Angiosperms, 123, 124, 182, 219, 236, 431, 432
- Casuarina*, Casuarinaceae, Angiosperms, 361, 419
- catappa* L. [*Terminalia*], Combretaceae, Angiosperms, 393, 422
- catechu* (L. f.) Willd. [*Acacia*], Leguminosae, Angiosperms, 376, 451
- cathartica* L. [*Rhamnus*], Rhamnaceae, Angiosperms, 118, 312, 483
- Celtis*, Cannabaceae, Angiosperms, 38, 56, 150, 162, 188, 200, 218, 243, 244, 259, 270, 375, 400, 415–417
- cerasifera* Ehrh. [*Prunus*], Rosaceae, Angiosperms, 220, 487
- cerasus* L. [*Prunus*] [Synonym of: *Cerasus vulgaris* Mill.], Rosaceae, Angiosperms, 219, 487
- ceratoides* (L.) Gueldenst. [*Krascheninnikovia*], Amaranthaceae, Angiosperms, 26, 235, 329, 404, 405
- ceratoides* (L.) Hook. [*Eurotia*] [Synonym of: *Krascheninnikovia ceratoides* (L.) Gueldenst.], Amaranthaceae, Angiosperms, 26, 329, 404
- Ceratonia*, Leguminosae, Angiosperms, 311, 460
- Cercidium*, Leguminosae, Angiosperms, 65, 274, 460, 467
- cerris* L. [*Quercus*], Fagaceae, Angiosperms, 33, 71, 114, 118, 165, 209, 246, 350, 383, 437
- chalkeri* Maiden [*Acacia*], Leguminosae, Angiosperms, 62, 451
- Chenopodium*, Amaranthaceae, Angiosperms, 256, 404
- chilensis* (Molina) Stuntz [*Prosopis*], Leguminosae, Angiosperms, 397, 468
- chinensis* (Osbeck) Merr. [*Albizia*], Leguminosae, Angiosperms, 457
- chinensis* Roxb. [*Fraxinus*], Oleaceae, Angiosperms, 279, 479, 480
- chinensis* Roxb. [subspecies of *Fraxinus chinensis*], Oleaceae, Angiosperms, 279, 479
- choriophylla* (Wooton & Standl.) F. A. Barkley [*Schmaltzia*], Anacardiaceae, Angiosperms, 82, 305, 407
- choriophylla* Wooton & Standl. [*Rhus*] [Synonym of: *Schmaltzia choriophylla* (Wooton & Standl.) F. A. Barkley], Anacardiaceae, Angiosperms, 82, 305, 407
- chrysocarpa* (Desv.) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 69, 470

- chrysolepis* Liebm. [*Quercus*], Fagaceae, Angiosperms, 31, 61, 101, 437
- Chrysothamnus*, Compositae, Angiosperms, 190, 293, 374, 396, 425
- cinerea* (Vill.) DC. [*Genista*], Leguminosae, Angiosperms, 39, 91, 463
- cinerea* L. [*Juglans*], Juglandaceae, Angiosperms, 201, 249, 264, 296, 447
- cinerea* L. [*Salix*], Salicaceae, Angiosperms, 52, 128, 174, 256, 314, 322, 345, 386, 501
- cinerea* (L.) Wight & Arn. [*Dichrostachys*], Leguminosae, Angiosperms, 176, 462
- Cistus*, Cistaceae, Angiosperms, 142, 310, 420
- Citrus*, Rutaceae, Angiosperms, 29, 60, 63, 173, 192, 229, 251, 254, 494, 495
- clavaherculis* L. [*Xanthoxylum*], Rutaceae, Angiosperms, 133, 495
- clava-herculus* L. [*Zanthoxylum*], Rutaceae, Angiosperms, 16, 495
- Clinopodium*, Lamiaceae, Angiosperms, 257, 448
- clypearia* (Jack) Benth. [*Pithecellobium*] [Synonym of: *Archidendron clypearia* (Jack) I. C. Nielsen], Leguminosae, Angiosperms, 262, 458, 467
- clypearia* (Jack) I. C. Nielsen [*Archidendron*], Leguminosae, Angiosperms, 262, 467
- coccifera* L. [*Quercus*], Fagaceae, Angiosperms, 33, 113, 168, 178, 436, 437
- coccinea* Münchh. [*Quercus*], Fagaceae, Angiosperms, 74, 160, 169, 437
- coccineum* (Nutt.) A. Gray [*Malvastrum*], Malvaceae, Angiosperms, 224, 475
- cochinchinensis* (Baill.) Pierre [*Connarus*], Connaraceae, Angiosperms, 82, 426
- cochinchinensis* Pierre [*Lagerstroemia*], Lythraceae, Angiosperms, 262, 472
- cochliacantha* Willd. [*Acacia*], Leguminosae, Angiosperms, 132, 174, 218, 269, 308, 309, 341, 375, 451
- comomilia* Ten. [*Prunus*], Rosaceae, Angiosperms, 313, 487
- Coffea*, Rubiaceae, Angiosperms, 158, 494
- coignetiae* Pulliat ex Planch. [*Vitis*], Vitaceae, Angiosperms, 224, 512
- columbiana* Howell [*Crataegus*], Rosaceae, Angiosperms, 101, 485
- Colutea*, Leguminosae, Angiosperms, 371, 460, 461
- commixta* Hedl. [*Sorbus*], Rosaceae, Angiosperms, 333, 491
- communis* L. [*Amygdalus*] [Synonym of: *Prunus amygdalus* Batsch], Rosaceae, Angiosperms, 219, 484
- communis* L. [*Pyrus*], Rosaceae, Angiosperms, 35, 313, 335, 394, 489
- communis* Poir. [*Malus*] [Synonym of: *Malus pumila* Mill.], Rosaceae, Angiosperms, 334, 486
- complanata* K. Schum. [*Terminalia*], Combretaceae, Angiosperms, 393, 422
- complicatus* (L.) Gay [*Adenocarpus*], Leguminosae, Angiosperms, 368, 456
- Condalia*, Rhamnaceae, Angiosperms, 64, 483
- conferta* Kit. [*Quercus*] [Synonym of: *Quercus frainetto* Ten.], Fagaceae, Angiosperms, 34, 178, 351, 437
- confertifolia* (Torr. & Frém.) S. Watson [*Atriplex*], Amaranthaceae, Angiosperms, 148, 188, 404
- confinis* (Standl.) Barneby & J. W. Grimes [*Ebenopsis*], Leguminosae, Angiosperms, 274, 462
- congestus* Lour.. [*Croton*], Euphorbiaceae, Angiosperms, 114, 430, 431
- constricta* A. Gray [*Acacia*], Leguminosae, Angiosperms, 16, 138, 452
- controversa* Hemsl. [*Cornus*], Cornaceae, Angiosperms, 398, 426
- conzattii* (Rose) Standl. [*Caesalpinia*] [Synonym of: *Caesalpinia exostemma* ssp. *exostemma* DC.], Leguminosae, Angiosperms, 373, 458
- conzattii* Trel. [*Quercus*], Fagaceae, Angiosperms, 61, 100, 437
- corchorifolius* L. f. [*Rubus*], Rosaceae, Angiosperms, 319, 492
- cordata* Blume [*Carpinus*], Betulaceae, Angiosperms, 397, 412
- cordata* (Loisel.) Duby [*Alnus*], Betulaceae, Angiosperms, 380, 408
- cordata* Kunth [*Buddleia*], Loganiaceae, Angiosperms, 349, 472
- cordata* Mill. [*Tilia*], Malvaceae, Angiosperms, 57, 383, 476
- cordiformis* (Wangenh.) K. Koch [*Carya*], Juglandaceae, Angiosperms, 19, 93, 263, 446
- coriaria* L. [*Rhus*], Anacardiaceae, Angiosperms, 310, 407
- Cornus*, Cornaceae, Angiosperms, 92, 96, 105, 212, 263, 310, 426, 427
- cornuta* Marshall [subspecies of *Corylus cornuta*], Betulaceae, Angiosperms, 45, 99, 281, 289, 413

- coronaria* L. [*Pyrus*] [Synonym of: *Sorbus coronaria* (L.) MacMill.], Rosaceae, Angiosperms, 394, 489
- coronaria* (L.) MacMill. [*Sorbus*], Rosaceae, Angiosperms, 394, 489, 493
- coronarius* L. [*Philadelphus*], Hydrangeaceae, Angiosperms, 104, 445
- Corylus*, Betulaceae, Angiosperms, 32
- costata* Trautv. [*Betula*], Betulaceae, Angiosperms, 338, 410
- Cotinus*, Anacardiaceae, Angiosperms, 309, 406
- Cotoneaster*, Rosaceae, Angiosperms, 333, 378, 484
- crassa* Pedley [*Acacia*], Leguminosae, Angiosperms, 304, 452
- Crataegus*, Rosaceae, Angiosperms, 34, 42, 101, 163, 225, 230, 281, 313, 332, 333, 351, 384, 393, 485
- crenata* Blume [*Fagus*], Fagaceae, Angiosperms, 154, 432
- crenata* Siebold & Zucc. [*Castanea*], Fagaceae, Angiosperms, 375, 431
- crispa* (Aiton) Turrill [subspecies of *Alnus viridis*], Betulaceae, Angiosperms, 275, 408, 409
- crispula* Blume [*Quercus*] [Synonym of: *Quercus mongolica* ssp. *crispula* (Blume) Menitsky], Fagaceae, Angiosperms, 437, 441
- crispula* (Blume) Menitsky [subspecies of *Quercus mongolica*], Fagaceae, Angiosperms, 115, 145, 155, 437, 440, 441
- crispus* L. [*Cistus*], Cistaceae, Angiosperms, 142, 420
- croatianus* A. H. Gentry [*Tynanthus*], Bignoniaceae, Angiosperms, 193, 367, 414
- Croton*, Euphorbiaceae, Angiosperms, 206, 207, 430, 431
- crucigerum* (L.) A. H. Gentry [*Pithecoctenium*] [Synonym of: *Amphilophium crucigerum* (L.) L. G. Lohmann], Bignoniaceae, Angiosperms, 169, 414
- crucigerum* (L.) L. G. Lohmann [*Amphilophium*], Bignoniaceae, Angiosperms, 169, 414
- cunninghamiana* Miq. [*Casuarina*], Casuarinaceae, Angiosperms, 186, 419
- Cupressus*, Cupressaceae, Gymnosperms, 310, 512
- curassavica* Jacq. [*Varronia*] [Synonym of: *Cordia curassavica* (Jacq.) Roem. & Schult.], Boraginaceae, Angiosperms, 242, 414
- curassavica* (Jacq.) Roem. & Schult. [*Cordia*], Boraginaceae, Angiosperms, 242, 414
- curvisepala* Lindm. [*Crataegus*], Rosaceae, Angiosperms, 107, 334, 485
- Cydonia*, Rosaceae, Angiosperms, 334, 486
- cyparissias* L. [*Euphorbia*], Euphorbiaceae, Angiosperms, 381, 430
- Cytisus*, Leguminosae, Angiosperms, 41, 123, 460, 461, 463, 470, 471

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- Dalbergia*, Leguminosae, Angiosperms, 78
- dalechampii* Ten. [*Quercus*], Fagaceae, Angiosperms, 33, 71, 165, 167, 178, 179, 215, 216, 467
- damascena* Botsch. [*Salsola*], Amaranthaceae, Angiosperms, 87, 405
- damascena* Mill. [*Rosa*], Rosaceae, Angiosperms, 68, 69, 106, 108, 110–112, 490
- Daphne*, Thymelaeaceae, Angiosperms, 197, 198, 509
- dasycarpa* Coss. [*Retama*], Leguminosae, Angiosperms, 233, 470
- dealbata* Link [*Acacia*], Leguminosae, Angiosperms, 62, 187, 452
- decumana* L. [*Citrus*] [Synonym of: *Citrus maxima* (Burm.) Osbeck], Rutaceae, Angiosperms, 173, 494
- decumbens* (Benth.) Greene [*Syrmatium*], Leguminosae, Angiosperms, 188, 466, 471
- decurrens* Willd. [*Acacia*], Leguminosae, Angiosperms, 62, 187, 452
- deglupta* Blume [*Eucalyptus*], Myrtaceae, Angiosperms, 260, 331, 477
- deltoides* W. Bartram ex Marshall [subspecies of *Populus deltoides*], Salicaceae, Angiosperms, 43, 171, 355, 497
- densiflora* Hook. & Arn. [*Quercus*], Fagaceae, Angiosperms, 31, 438
- densiflora* (Hook. & Arn.) Rehder [*Lithocarpus*], Fagaceae, Angiosperms, 31, 433
- dentata* (Marshall) Borkh. [*Castanea*], Fagaceae, Angiosperms, 46, 74
- dentata* Thunb. [*Quercus*], Fagaceae, Angiosperms, 114, 340, 438
- denticulata* Willd. [*Ventilago*], Rhamnaceae, Angiosperms, 483
- deplanchei* (Brongn. & Gris) Merr. [*Drypetes*], Putranjivaceae, Angiosperms, 125, 154, 482

- dichrocephalum* Gand. [variety of *Eriogonum umbellatum*], Polygonaceae, Angiosperms, 482
- dilatata* Lindl. ex A. DC. [*Quercus*] [Synonym of: *Quercus floribunda* Lindl. ex A. Camus], Fagaceae, Angiosperms, 241, 438
- dimoana* Popov [*Artemisia*], Compositae, Angiosperms, 235, 423
- dioica* (L.) K. Koch [*Gymnocladus*], Leguminosae, Angiosperms, 160, 226, 268, 270, 347, 463
- dioicus* Cav. [*Croton*], Euphorbiaceae, Angiosperms, 206, 430
- Diospyros*, Ebenaceae, Angiosperms, 158, 218, 311, 428
- discolor* (Wimm. & Grab.) Arcang. [subspecies of *Salix triandra*], Salicaceae, Angiosperms, 43
- discolor* (Wimm. & Grab.) [*Salix*] [Synonym of: *Salix triandra* ssp. *discolor* (Wimm. & Grab.) Arcang.], Salicaceae, Angiosperms, 502, 504
- divaricata* Cav. [*Larrea*], Zygophyllaceae, Angiosperms, 191, 270, 512
- divaricata* Ledeb. [*Prunus*], Rosaceae, Angiosperms, 487
- diversifolia* (Schltdl.) Benth. [*Leucaena*], Leguminosae, Angiosperms, 213, 465
- diversifolia* Schrenk [*Populus*] [Synonym of: *Populus euphratica* Olivier], Salicaceae, Angiosperms, 497
- dodonei* Ard. [*Frangula*], Rhamnaceae, Angiosperms, 312, 483
- dolabriformis* Benth. [*Xylia*] [Synonym of: *Xylia xylocarpa* (Roxb.) Taub.], Leguminosae, Angiosperms, 324, 472
- domestica* Borkh. [*Malus*], Rosaceae, Angiosperms, 40, 130, 219, 222, 223, 313, 334, 486
- domestica* L. [*Prunus*], Rosaceae, Angiosperms, 220, 487
- Dorycnium*, Leguminosae, Angiosperms, 27, 462
- douglasii* Lindl. [*Crataegus*], Rosaceae, Angiosperms, 30, 101, 394, 485
- drummondii* Hook. & Arn. [*Sapindus*], Sapindaceae, Angiosperms, 140, 146, 212, 214, 261, 287, 327, 358
- dulce* (Roxb.) Benth. [*Pithecellobium*], Leguminosae, Angiosperms, 269, 467
- dulcis* (Mill.) D. A. Webb [*Prunus*] [Synonym of: *Prunus amygdalus* Batsch], Rosaceae, Angiosperms, 225, 295, 487
- durata* Jeps. [*Quercus*], Fagaceae, Angiosperms, 31, 438
- dysocarpa* A. Gray [*Mimosa*], Leguminosae, Angiosperms, 23, 269, 466

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- ebano* (Berland.) Barneby & J. W. Grimes [*Ebenopsis*], Leguminosae, Angiosperms, 17, 137, 273, 287, 462
- ebano* (Berland.) C. H. Mull. [*Pithecellobium*] [Synonym of: *Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes], Leguminosae, Angiosperms, 438
- ehrenbergiana* Hayne [*Acacia*], Leguminosae, Angiosperms, 132, 297, 452
- ehrenbergiana* (Klotzsch) Liebm. [*Celtis*], Cannabaceae, Angiosperms, 16, 63, 83, 150, 211, 284, 294, 349, 416
- elaeagnifolia* Pall. [*Pyrus*], Rosaceae, Angiosperms, 314, 335, 489
- elaeagnifolius* Vahl [*Croton*] [Synonym of: *Croton dioicus* Cav.], Euphorbiaceae, Angiosperms, 206, 430
- elaeagnos* Scop. [*Salix*], Salicaceae, Angiosperms, 175, 228, 314, 322, 345, 502
- Elaeocarpus*, Elaeocarpaceae, Angiosperms, 267, 428
- elastica* Cerv. [*Castilla*], Moraceae, Angiosperms, 170, 476
- elongatum* Benth. [*Eriogonum*], Polygonaceae, Angiosperms, 76, 482
- emarginata* L. [*Cassia*] [Synonym of: *Senna bicapsularis* (L.) Roxb.], Leguminosae, Angiosperms, 459
- emoryi* A. Gray [*Dalea*] [Synonym of: *Psorothamnus emoryi* (A. Gray) Rydb.], Leguminosae, Angiosperms, 461
- emoryi* (A. Gray) Moran & Felger [*Castela*], Verbenaceae, Angiosperms, 17, 511
- emoryi* (A. Gray) Rydb. [*Psorothamnus*], Leguminosae, Angiosperms, 148, 469
- emoryi* Torr. [*Quercus*], Fagaceae, Angiosperms, 26, 61, 100, 271, 306, 438
- engelmannii* Greene [*Quercus*], Fagaceae, Angiosperms, 31, 61, 438
- erecta* L. [*Boerhavia*], Nyctaginaceae, Angiosperms, 295, 317, 478
- eremicola* (Jeps.) Kearney [variety of *Sphaeralcea rusbyi*], Malvaceae, Angiosperms, 149, 475
- Erica*, Ericaceae, Angiosperms, 107, 429
- Erigeron*, Compositae, Angiosperms, 294, 425

- eriocarpa* Juss. [*Grewia*], Malvaceae, Angiosperms, 473
- Eriogonum*, Polygonaceae, Angiosperms, 76, 482
- eriostachys* Benth. [*Caesalpinia*], Leguminosae, Angiosperms, 80, 458
- erubescens* Oliv. [*Acacia*], Leguminosae, Angiosperms, 295, 452
- esculenta* (DC.) Benth. [*Leucaena*], Leguminosae, Angiosperms, 213, 465
- esculentus* L. [*Hibiscus*] [Synonym of: *Abelmoschus esculentus* (L.) Moench], Malvaceae, 474
- esculentus* (L.) Moench [*Abelmoschus*], Malvaceae, Angiosperms, 20, 473
- euphratica* Olivier [*Populus*], Salicaceae, Angiosperms, 159, 366, 497
- euramericana* Guinier [*Populus*] [Synonym of: *Populus canadensis* Moench], Salicaceae, Angiosperms, 284, 286, 497
- europaea* L. [*Olea*], Oleaceae, Angiosperms, 97, 480
- europaeus* Jacq. [*Loranthus*], Loranthaceae, Angiosperms, 99, 204, 311, 472
- europaeus* L. [*Euonymus*], Celastraceae, Angiosperms, 96, 117, 165, 310, 420
- europaeus* (G. Lopez & C. E. Jarvis) Munoz Ga [subspecies of *Cytisus balansae*], Leguminosae, Angiosperms, 90
- Eurotia* [Synonym of: *Krascheninnikovia*], Amaranthaceae, Angiosperms, 404
- excelsior* L. [*Fraxinus*], Oleaceae, Angiosperms, 66, 96, 279, 479
- exostemma* DC. [subspecies of *Caesalpinia exostemma*], Leguminosae, Angiosperms, 373, 458
- Eysenhardtia*, Leguminosae, Angiosperms, 94, 462
- F**
- fagara* (L.) Sarg. [*Zanthoxylum*], Rutaceae, Angiosperms, 287, 495
- faginea* Lam. [*Quercus*], Fagaceae, Angiosperms, 33, 71, 165, 438
- Fagus*, Fagaceae, Angiosperms, 33, 57, 70, 74, 98, 102, 117, 165, 208, 249, 257, 277, 284, 350, 382, 432
- falcata* Michx. [*Quercus*], Fagaceae, Angiosperms, 46, 302, 438
- farnesiana* (L.) Willd. [*Acacia*], Leguminosae, Angiosperms, 17, 21, 105, 132, 261, 269, 273, 287, 297, 327, 452
- fasciculatum* Benth. [*Eriogonum*], Polygonaceae, Angiosperms, 76, 224, 482
- fasciculosa* F. Muell. [*Eucalyptus*], Myrtaceae, Angiosperms, 50, 478
- ferruginosa* Brongn. [*Colubrina*] [Synonym of: *Colubrina arborescens* (Mill.) Sarg.], Rhamnaceae, Angiosperms, 483
- Ficus*, Moraceae, Angiosperms, 57, 476
- flaccida* Schldtl. [*Juniperus*], Cupressaceae, Gymnosperms, 512
- flava* (Forssk.) Schweinf. [*Acacia*] [Synonym of: *Acacia ehrenbergiana* Hayne], Leguminosae, Angiosperms, 452
- flexicaule* (Benth.) J. M. Coult. [*Pithecellobium*] [Synonym of: *Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes], Leguminosae, Angiosperms, 468
- flexicaulis* Benth. [*Acacia*] [Synonym of: *Ebenopsis ebano* (Berland.) Barneby & J. W. Grimes], Leguminosae, Angiosperms, 452
- floribunda* (Willd.) DC. [*Wisteria*], Leguminosae, Angiosperms, 359, 471
- floribunda* Lindl. ex A. Camus [*Quercus*], Fagaceae, Angiosperms, 241, 438
- florida* (Lindl.) Hultén [subspecies of *Amelanchier alnifolia*], Rosaceae, Angiosperms, 484
- florida* L. [*Cornus*], Cornaceae, Angiosperms, 15, 85, 146, 263, 426
- florida* L. [*Genista*], Leguminosae, Angiosperms, 234, 235
- florida* Lindl. [*Amelanchier*] [Synonym of: *Amelanchier alnifolia* ssp. *florida* (Lindl.) Hultén], Rosaceae, Angiosperms, 484
- florida* Schauer [*Buchanania*] [Synonym of: *Buchanania vittensis* Engl.], Anacardiaceae, Angiosperms, 406
- floridum* A. Gray [subspecies of *Cercidium floridum*], Leguminosae, Angiosperms, 86, 460
- foliolosa* Benth. [*Plathyminia*], Leguminosae, Angiosperms, 135, 468
- fontinalis* Sarg. [*Betula*] [Synonym of: *Betula occidentalis* Hook.], Betulaceae, Angiosperms, 410
- fragilis* L. [*Salix*], Salicaceae, Angiosperms, 175, 214, 366, 502
- fragrans* Wall. ex R. Br. [*Actinophora*] [Synonym of: *Schoutenia ovata* Korth.], Malvaceae, Angiosperms, 202

- frainetto* Ten. [*Quercus*], Fagaceae, Angiosperms, 34, 178, 215, 305, 351, 438
- Fraxinus*, Oleaceae, Angiosperms, 66, 96, 279, 312, 347, 383, 479
- fremontii* S. Watson [*Populus*], Salicaceae, Angiosperms, 172, 497
- frigida* Willd. [*Artemisia*], Compositae, Angiosperms, 329, 423
- frondosa* Roxb. [*Butea*] [Synonym of: *Butea monosperma* (Lam.) Taub.], Leguminosae, Angiosperms, 458
- frutex* (L.) K. Koch [*Caragana*], Leguminosae, Angiosperms, 459
- fruticosa* Forssk. ex J. F. Gmel. [*Suaeda*], Amaranthaceae, Angiosperms, 303, 405
- fruticosa* L. [*Amorpha*], Leguminosae, Angiosperms, 271, 272, 405
- fruticosum* (Loefl.) Stuntz [*Combretum*], Combretaceae, Angiosperms, 180, 421
- fruticosus* L. [*Rubus*], Rosaceae, Angiosperms, 109, 220, 314, 319, 339, 377, 492
- fruticulosa* (Ledeb.) Poljakov [*Ajania*], Compositae, Angiosperms, 23, 288, 422
- fulva* Michx. [*Ulmus*] [Synonym of: *Ulmus rubra* Muhl.], Ulmaceae, Angiosperms, 55, 510
- G**
- gageana* Craib [*Acacia*], Leguminosae, Angiosperms, 25, 452
- galeoides* DC. [*Indigofera*], Leguminosae, Angiosperms, 236, 464
- gale* L. [*Myrica*], Myricaceae, Angiosperms, 118, 383, 477
- gambelii* Nutt. [*Quercus*], Fagaceae, Angiosperms, 18, 26, 88, 302, 363, 438, 444
- Genista*, Leguminosae, Angiosperms, 39, 41, 233, 234, 342, 368, 462
- germanica* L. [*Mespilus*], Rosaceae, Angiosperms, 313, 334, 486
- ginnala* Maxim. [*Acer*] [Synonym of: *Acer tataricum* ssp. *ginnala* Maxim.], Sapindaceae, Angiosperms, 505
- ginnala* Maxim. [subspecies of *Acer tataricum*], Sapindaceae, Angiosperms, 387, 505
- glabra* Huds. [*Ulmus*], Ulmaceae, Angiosperms, 58, 317, 510
- glabra* L. [*Malpighia*], Malpighiaceae, Angiosperms, 363, 473
- glabra* L. [*Rhus*], Anacardiaceae, Angiosperms, 25, 254, 407
- glabrata* Wahlenb. [variety of *Betula pubescens*], Betulaceae, Angiosperms, 68, 381, 411
- glabra* Willd. [*Aesculus*], Sapindaceae, Angiosperms, 67, 227, 250, 506
- glabrifolium* (Champ. ex Benth.) T. G. Hartley [*Tetradium*], Rutaceae, Angiosperms, 60, 495
- glabrum* Torr. [*Acer*], Sapindaceae, Angiosperms, 282, 505
- glabrum* Vogel [*Syrmatium*], Leguminosae, Angiosperms, 188, 471
- glandulosa* Torr. [*Prosopis*], Leguminosae, Angiosperms, 17, 151, 162, 181, 190, 269, 273, 274, 287, 376, 468
- glauca* (Pall. ex Willd.) H. M. Hall [variety of *Artemisia dracunculus*], Compositae, Angiosperms, 26
- glauca* Lindl. [*Arctostaphylos*], Ericaceae, Angiosperms, 45, 429
- glauca* Pall. ex Willd. [*Artemisia*] [Synonym of: *Artemisia dracunculus* var. *glauca* (Pall. ex Willd.) H. M. Hall], Compositae, Angiosperms, 423
- glauca* (Nutt. ex Prain) Pope [*Argemone*], Papaveraceae, Angiosperms, 146, 480
- glomerata* Roxb. [*Ficus*] [Synonym of: *Ficus racemosa* L.], Moraceae, Angiosperms, 477
- glutinosa* (Besser) Batt. [subspecies of *Artemisia campestris*], Compositae, Angiosperms, 26, 28, 423
- glutinosa* Besser [*Artemisia*] [Synonym of: *Artemisia campestris* ssp. *glutinosa* (Besser) Batt.], Compositae, Angiosperms, 423
- glutinosa* (L.) Gaertn. [*Alnus*], Betulaceae, Angiosperms, 32, 380, 408
- gmelinii* Weber ex Stechm. [*Artemisia*], Compositae, Angiosperms, 138, 329, 401, 423
- gnidium* L. [*Daphne*], Thymelaeaceae, Angiosperms, 197, 509
- goldmanii* Pittier [*Inga*], Leguminosae, Angiosperms, 276, 377, 464
- goodingii* C. R. Ball [*Salix*], Salicaceae, Angiosperms, 152, 299, 502
- Gouania*, Rhamnaceae, Angiosperms, 181, 201, 483
- gracilis* Freyn & Sint. [*Colutea*], Leguminosae, Angiosperms, 372, 467

*grahamii* A. Gray [*Mimosa*], Leguminosae, Angiosperms, 23, 232, 466  
*granatum* L. [*Punica*], Lythraceae, Angiosperms, 311, 472  
*grandidentata* (Michx.) Á. Löve & D. [subspecies of *Populus tremula*], Salicaceae, Angiosperms, 43, 171, 182, 285, 497, 499  
*grandidentata* Michx. [*Populus*] [Synonym of: *Populus tremula* ssp. *grandidentata* (Michx.) Á. Löve & D.], Salicaceae, Angiosperms, 497  
*grandidentatum* (Torr. & A. Gray) Desmarais [subspecies of *Acer saccharum*], Sapindaceae, Angiosperms, 298, 505  
*grandidentatum* Nutt. [*Acer*] [Synonym of: *Acer saccharum* ssp. *grandidentatum* (Torr. & A. Gray) Desmarais], Sapindaceae, Angiosperms, 505  
*grandifolia* Ehrh. [subspecies of *Fagus grandifolia*], Fagaceae, Angiosperms, 46, 74, 82, 102, 249, 432  
*grandis* (L.) Osbeck [*Citrus*] [Synonym of: *Citrus maxima* (Burm.) Osbeck], Rutaceae, Angiosperms, 494  
*graveolens* Jacq. [*Astronium*], Anacardiaceae, Angiosperms, 180, 181, 406  
*grayana* (Maxim.) C. K. Schneid. [*Padus*], Rosaceae, Angiosperms, 332, 487  
*grayana* Maxim. [*Prunus*] [Synonym of: *Padus grayana* (Maxim.) C. K. Schneid.], Rosaceae, Angiosperms, 487  
*greggii* A. Gray [*Acacia*], Leguminosae, Angiosperms, 16, 151, 184, 190, 232, 248, 269, 273, 292, 374, 397, 452  
*grisea* Liebm. [*Quercus*], Fagaceae, Angiosperms, 26, 302, 439  
*grosseserrata* (Blume) Rehder & E. H. [variety of *Quercus mongolica*] [Synonym of: *Quercus mongolica* ssp. *crispula* (Blume) Menitsky], Fagaceae, Angiosperms, 441  
*Grossularia*, Grossulariaceae, Angiosperms, 105, 107, 307, 444  
*gummifera* (J. F. Gmel.) C. A. Sm. [*Albizia*], Leguminosae, Angiosperms, 38, 457  
*gummifera* Willd. [*Acacia*], Leguminosae, Angiosperms, 216, 297, 373, 453  
*Gutierrezia*, Compositae, Angiosperms, 161, 194, 425  
*guyonianum* Durieu ex Boiss. [*Limoniastrum*], Plumbaginaceae, Angiosperms, 213, 481

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*halepensis* Mill. [*Pinus*], Pinaceae, Gymnosperms, 312, 513  
*halimifolium* Pers. [*Helianthemum*], Cistaceae, Angiosperms, 142, 421  
*Halimum*, Cistaceae, Angiosperms, 142, 420  
*halimus* L. [*Atriplex*], Amaranthaceae, Angiosperms, 55, 295, 404  
*hallii* Hack. [*Andropogon*], Poaceae, Angiosperms, 181, 481  
*halodendron* (Pall.) Voss [*Halimodendron*], Leguminosae, Angiosperms, 95, 464  
*Halostachys*, Amaranthaceae, Angiosperms, 372, 404  
*Haloxylon*, Amaranthaceae, Angiosperms, 372, 404  
*hardeggensis* Kovanda [*Sorbus*], Rosaceae, Angiosperms, 335, 493  
*harpophylla* Benth. [*Acacia*], Leguminosae, Angiosperms, 228, 453  
*havardii* Rydb. [*Quercus*], Fagaceae, Angiosperms, 181, 439  
*Helianthemum*, Cistaceae, Angiosperms, 142, 421  
*Helianthus*, Compositae, Angiosperms, 183, 425  
*Heliconia*, Heliconiaceae, Angiosperms, 180, 445  
*herba-alba* Asso [*Artemisia*], Compositae, Angiosperms, 276, 423  
*Heterotheca*, Compositae, Angiosperms, 182, 425  
*Hibiscus*, Malvaceae, Angiosperms, 133, 193, 253, 473  
*Hicoria* [Synonym of: *Carya*], Juglandaceae, Angiosperms, 447  
*hirsuta* (Spach) Rupr. [*Alnus*], Betulaceae, Angiosperms, 320, 349, 408  
*hirsutum* (L.) Ser. [*Dorycnium*], Leguminosae, Angiosperms, 265, 462  
*hispanica* L. [*Genista*], Leguminosae, Angiosperms, 39, 463  
*hispida* Fernald [variety of *Rosa nutkana*] [Synonym of: *Rosa spaldingii* var. *hispida* (Fernald) G. N. Jones], Rosaceae, Angiosperms, 491  
*hispida* (Fernald) G. N. Jones [variety of *Rosa spaldingii*], Rosaceae, Angiosperms, 109, 491  
*huegeliana* (Miq.) L. A. S. Johnson [*Allocasuarina*], Casuarinaceae, Angiosperms, 62, 78, 139, 419

*huegeliana* Miq. [*Casuarina*] [Synonym of: *Allocasuarina huegeliana* (Miq.) L. A. S. Johnson], Casuarinaceae, Angiosperms, 419  
*hugonis* Hemsl. [*Rosa*], Rosaceae, Angiosperms, 108, 118, 384, 490  
*Hulthemia*, Rosaceae, Angiosperms, 486  
*humilis* Benth. [*Calliandra*], Leguminosae, Angiosperms, 190, 232, 269, 459  
*humilis* Schrank [*Betula*], Betulaceae, Angiosperms, 266, 410  
*Hypericum*, Hypericaceae, Angiosperms, 163, 185, 186, 353, 445  
*hypoleucoides* A. Camus [*Quercus*], Fagaceae, Angiosperms, 15, 49, 61, 88, 151, 266, 271, 303, 363, 429  
*hypophyllus* Hook. f. [*Phyllocladus*], Podocarpaceae, Gymnosperms, 238, 513

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*idaeus* L. [*Rubus*], Rosaceae, Angiosperms, 110, 196, 319, 351, 384, 492  
*iguanaea* (Jacq.) Sarg. [*Celtis*], Cannabaceae, Angiosperms, 83, 416  
*illex* L. [*Quercus*], Fagaceae, Angiosperms, 34, 71, 113, 118, 129, 165, 168, 169, 178, 208, 246, 439  
*ilicifolia* Wangerh. [*Quercus*], Fagaceae, Angiosperms, 46, 255, 439  
*iliensis* Chrshan. [*Rosa*] [Synonym of: *Rosa silverhjelmii* Schrenk], Rosaceae, Angiosperms, 490  
*illinoensis* (Wangerh.) K. Koch [*Carya*], Juglandaceae, Angiosperms, 84, 263, 362  
*imbricaria* Michx. [*Quercus*], Fagaceae, Angiosperms, 18, 249, 439  
*implexa* Aiton [*Lonicera*], Caprifoliaceae, Angiosperms, 116, 418  
*incana* (Torr.) A. Gray [*Poliomintha*], Lamiaceae, Angiosperms, 371, 448  
*incana* (L.) Druce [*Artemisia*], Compositae, Angiosperms, 329, 423  
*incana* (L.) Moench [*Alnus*], Betulaceae, Angiosperms, 87, 275, 325, 380, 409  
*incana* Schrank [*Salix*] [Synonym of: *Salix elaeagnos* Scop.], Salicaceae, Angiosperms, 502  
*incanus* L. [*Cistus*], Cistaceae, Angiosperms, 142, 420  
*incarnata* L. [*Allionia*], Nyctaginaceae, Angiosperms, 295, 478

*indica* L. [*Tamarindus*], Leguminosae, Angiosperms, 359, 471  
*indica* L. [*Waltheria*], Malvaceae, Angiosperms, 277, 476  
*indicus* Willd. [*Pterocarpus*], Leguminosae, Angiosperms, 262, 469  
*Indigofera*, Leguminosae, Angiosperms, 262, 464  
*Inga*, Leguminosae, Angiosperms, 201, 269, 464  
*insititia* L. [*Prunus*], Rosaceae, Angiosperms, 220, 339, 488  
*interior* Rowlee [*Salix*], Salicaceae, Angiosperms, 300, 502  
*intermedia* (Ehrh.) Pers. [*Sorbus*], Rosaceae, Angiosperms, 335, 493  
*involutrata* (Torr. & A. Gray) A. Gray [*Callirhoe*], Malvaceae, Angiosperms, 237, 473  
*involutrata* (Richardson) Banks ex Spreng. [*Lonicera*], Caprifoliaceae, Angiosperms, 116, 418  
*Isoberlinia*, Leguminosae, Angiosperms, 338, 465  
*italica* Koehne [variety of *Populus nigra*], Salicaceae, Angiosperms, 52, 171, 173, 285, 300, 355, 497  
*italica* Moench [*Populus*] [Synonym of: *Populus nigra* var. *italica* Koehne], Salicaceae, Angiosperms, 497  
*italicum* Pers. [*Helianthemum*], Cistaceae, Angiosperms, 142, 421  
*ithaburensis* Decne. [*Quercus*], Fagaceae, Angiosperms, 360, 440  
*itoanum* Hayata [variety of *Acer oblongum*] [Synonym of: *Acer oblongum* Wall. ex DC.], Sapindaceae, Angiosperms, 505

**J**

*jamesii* Torr. & A. Gray [*Hoffmannseggia*] [Synonym of: *Pomaria jamesii* (Torr. & A. Gray) Walp.], Leguminosae, Angiosperms, 464  
*jamesii* (Torr. & A. Gray) Walp. [*Pomaria*], Leguminosae, Angiosperms, 269, 464, 468  
*japonica* Maxim. [*Rhamnus*], Rhamnaceae, Angiosperms, 155, 483  
*japonica* (Planch.) Nakai [variety of *Celtis sinensis*] [Synonym of: *Celtis sinensis* Pers.], Cannabaceae, Angiosperms, 417  
*japonica* (Rehder) Nakai [variety of *Ulmus davidiana*], Ulmaceae, Angiosperms, 190, 204, 279, 318, 376, 387, 510, 511



*japonica* (Rehder) Sarg. [*Ulmus*] [Synonym of: *Ulmus davidiana* var. *japonica* (Rehder) Nakai], Ulmaceae, Angiosperms, 510

*japonica* Siebold & Zucc. [*Hamamelis*], Hamamelidaceae, Angiosperms, 379, 445

*japonica* (Thunb.) Steud. [*Alnus*], Betulaceae, Angiosperms, 275, 409

*japonica* (G. Don) [variety of *Melia azedarach*], Meliaceae, Angiosperms, 356, 476

*japonicus* (L. f.) Müll. Arg. [*Mallotus*], Euphorbiaceae, Angiosperms, 80

*japonicus* Thunb. [*Euonymus*], Celastraceae, Angiosperms, 145, 420

*javanica* Reinw. ex Blume [*Sambucus*], Adoxaceae, Angiosperms, 192, 403

*jessoensis* Koidz. [*Celtis*], Cannabaceae, Angiosperms, 374, 399, 416

*jessoensis* (Koidz.) Kudô [variety of *Celtis bungeana*] [Synonym of: *Celtis jessoensis* Koidz.], Cannabaceae, Angiosperms, 415

*Juglans*, Juglandaceae, Angiosperms, 201, 264, 447

*julibrissin* Durazz. [*Albizia*], Leguminosae, Angiosperms, 299, 348, 457

*juliflora* (Sw.) DC. [*Prosopis*], Leguminosae, Angiosperms, 17, 21, 105, 148, 191, 269, 270, 273, 287, 292, 377, 469

*junceum* L. [*Spartium*], Leguminosae, Angiosperms, 27, 28, 91, 471

*jundzillii* Besser [*Rosa*], Rosaceae, Angiosperms, 108, 490

**K**

*kaki* Thunb. [*Diospyros*], Ebenaceae, Angiosperms, 240

*Kalm* ex L. [*Lechea*], Cistaceae, Angiosperms, 189

karroo Hayne [*Acacia*], Leguminosae, Angiosperms, 78, 136, 330, 341

*keaki* Maxim. [*Zelkova*] [Synonym of: *Zelkova serrata* (Thunb.) Makino], Ulmaceae, Angiosperms, 342, 511

*kelloggii* Newb. [*Quercus*], Fagaceae, Angiosperms, 31, 46, 61, 100, 271, 436, 440

*kentukea* (Dum. Cours.) Rudd [*Cladrastis*], Leguminosae, Angiosperms, 92, 460

*kesiya* Royle ex Gordon [*Pinus*], Pinaceae, Gymnosperms, 123, 309, 513, 513

*khasya* Hook. f. [*Pinus*] [Synonym of: *Pinus kesiya* Royle ex Gordon], Pinaceae, Gymnosperms, 123, 309, 513

*kousa* F. Buerger ex Hance [*Cornus*], Cornaceae, Angiosperms, 85, 426

*Krascheninnikovia*, Amaranthaceae, Angiosperms, 26, 235, 329, 404

**L**

*laburnum* L. [*Cytisus*] [Synonym of: *Laburnum anagyroides* Medik.], Leguminosae, Angiosperms, 123, 461

*laciniata* Tidestr. [variety of *Betula pendula*] [Synonym of: *Betula pendula* Roth.], Betulaceae, Angiosperms, 411

*laciniosa* (F. Michx.) G. Don [*Carya*], Juglandaceae, Angiosperms, 264, 447

*laevigata* (Poir.) DC. [*Crataegus*], Rosaceae, Angiosperms, 334, 485

*laevigata* (Willd.) M. C. Johnst. [*Prosopis*], Leguminosae, Angiosperms, 132, 269, 469

*laevigata* Willd. [*Celtis*], Cannabaceae, Angiosperms, 83, 146, 151, 211, 212, 218, 267, 287, 416

*laevis* Pall. [*Ulmus*], Ulmaceae, Angiosperms, 58, 71, 510

*laevis* Scop. [*Hibiscus*], Malvaceae, Angiosperms, 94, 474

*laevis* Walter [*Quercus*], Fagaceae, Angiosperms, 317, 440

*lahai* Benth. [*Acacia*], Leguminosae, Angiosperms, 225, 453

*lakoocha* Roxb. [*Artocarpus*], Moraceae, Angiosperms, 476

*lanata* L. [*Salix*], Salicaceae, Angiosperms, 386, 502

*lanceolata* Borkh. [*Fraxinus*] [Synonym of: *Fraxinus pennsylvanica* Marshall], Oleaceae, Angiosperms, 479

*lanceolata* Borkh. [variety of *Fraxinus pennsylvanica*] [Synonym of: *Fraxinus pennsylvanica* Marshall], Oleaceae, Angiosperms, 479

*lanceolata* Cav. [*Sterculia*], Malvaceae, Angiosperms, 195, 475

*Lantana*, Verbenaceae, Angiosperms, 278, 363, 511

*laricina* Pall. [*Salsola*], Amaranthaceae, Angiosperms, 354, 405

*lasiandra* Benth. [*Salix*] [Synonym of: *Salix lucida* var. *lasiandra* (Benth.) Cronquist], Salicaceae, Angiosperms, 502

- lasiandra* (Benth.) Cronquist [variety of *Salix lucida*], Salicaceae, Angiosperms, 239, 282, 299, 300, 502
- lasiocarpus* Cav. [*Hibiscus*], Malvaceae, Angiosperms, 94, 474
- lasiocarpus* Cav. [subspecies of *Hibiscus moscheutos*] [Synonym of: *Hibiscus lasiocarpus* Cav.], Malvaceae, Angiosperms, 94, 474
- lasiolepis* Benth. [*Salix*], Salicaceae, Angiosperms, 282, 299, 300, 502
- latifolia* L. [*Phillyrea*], Oleaceae, Angiosperms, 357, 480
- laureola* L. [*Daphne*], Thymelaeaceae, Angiosperms, 197, 509
- laurifolia* Ledeb. [*Populus*], Salicaceae, Angiosperms, 152, 497
- laurifolia* Michx. [*Quercus*], Fagaceae, Angiosperms, 18, 317, 440
- laxa* Retz. [*Rosa*], Rosaceae, Angiosperms, 108, 490
- laxiflora* (Siebold & Zucc.) Blume [*Carpinus*], Betulaceae, Angiosperms, 124, 412
- laxum* Boiss. & Reut. [*Viscum*] [Synonym of: *Viscum album* ssp. *austriacum* (Wiesb.) Vollm.], Santalaceae, Angiosperms, 205, 505
- lebbeck* (L.) Willd. [*Acacia*] [Synonym of: *Albizia lebbek* (L.) Benth.], Leguminosae, Angiosperms, 78, 453
- lebbek* (L.) Benth. [*Albizia*], Leguminosae, Angiosperms, 25, 78, 457
- ledermannii* Teschner [*Cryptocarya*], Lauraceae, Angiosperms, 29, 238, 449
- ledifolium* (L.) Mill. [*Helianthemum*], Cistaceae, Angiosperms, 142, 421
- leiocalyx* (Domin) Pedley [*Acacia*], Leguminosae, Angiosperms, 228, 453
- lenta* L. [*Betula*], Betulaceae, Angiosperms, 42, 248, 255, 410
- lentiscus* L. [*Pistacia*], Anacardiaceae, Angiosperms, 219, 225, 309, 406
- Leptospermum*, Myrtaceae, Angiosperms, 139, 187, 478
- Lespedeza*, Leguminosae, Angiosperms, 274, 465
- Leucaena*, Leguminosae, Angiosperms, 239, 465
- leucolobia* Sweet [*Acacia*], Leguminosae, Angiosperms, 187, 453
- leucophloea* Pojark. [*Caragana*], Leguminosae, Angiosperms, 291, 370, 459
- ligulata* Benth. [*Acacia*], Leguminosae, Angiosperms, 50, 453
- Ligustrum*, Oleaceae, Angiosperms, 97, 208, 347, 480
- lindheimeriana* (Scheele) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 251, 470
- lindheimeriana* Scheele [*Cassia*] [Synonym of: *Senna lindheimeriana* (Scheele) H. S. Irwin & Barneby], Leguminosae, Angiosperms, 251, 459
- Lithocarpus*, Fagaceae, Angiosperms, 86, 157, 215, 236, 325, 433
- liukuensis* Nakai [*Celtis*] [Synonym of: *Celtis boninensis* Koidz.], Cannabaceae, Angiosperms, 127, 261, 328, 417
- lobata* L. [*Urena*], Malvaceae, Angiosperms, 20, 476
- lobata* (Willd.) Sanjappa & Pradeep [variety of *Pueraria montana*], Leguminosae, Angiosperms, 90, 359, 469
- Lonchocarpus*, Leguminosae, Angiosperms, 86, 132, 465
- longifolia* (Andrews) Willd. [*Acacia*], Leguminosae, Angiosperms, 187, 453
- longiligula* Hitchc. [*Muhlenbergia*], Poaceae, Angiosperms, 317, 479
- longipes* Baker [*Cordia*] [Synonym of: *Cordia millenii* Baker], Boraginaceae, Angiosperms, 76, 414
- Lonicera*, Caprifoliaceae, Angiosperms, 116, 121, 418
- lotus* (L.) Lam. [*Ziziphus*], Rhamnaceae, Angiosperms, 297, 483
- lotus* L. [*Diospyros*], Ebenaceae, Angiosperms, 240, 428
- lupuloides* (L.) Urb. [*Gouania*], Rhamnaceae, Angiosperms, 181, 483
- lutchuensis* (Koidz.) Nakai [*Castanopsis*] [Synonym of: *Castanopsis sieboldii* var. *lutchuensis* (Koidz.) T. Yamaz. & Mas], Fagaceae, Angiosperms, 432
- lutchuensis* (Koidz.) T. Yamaz. & Mas [variety of *Castanopsis sieboldii*], Fagaceae, Angiosperms, 144, 222, 331
- lutea* F. Michx. [*Betula*] [Synonym of: *Betula alleghaniensis* Britton], Betulaceae, Angiosperms, 42, 410
- lutea* Raf. [*Cladrastis*] [Synonym of: *Cladrastis kentukea* (Dum. Cours.) Rudd], Leguminosae, Angiosperms, 92, 460
- lyrata* Walter [*Quercus*], Fagaceae, Angiosperms, 18, 74, 440
- Lysiloma*, Leguminosae, Angiosperms, 239, 466

## M

- maackii* (Rupr.) Maxim. [*Lonicera*],  
Caprifoliaceae, Angiosperms, 48, 418
- macranthera* Fisch. & C. A. Mey. ex Hohen.  
[*Quercus*], Fagaceae, Angiosperms,  
34, 440
- macrocarpa* Hance [*Ulmus*], Ulmaceae,  
Angiosperms, 302, 510
- macrocarpa* Michx. [*Quercus*], Fagaceae,  
Angiosperms, 18, 55, 66, 74, 127,  
302, 440
- macrocarpus* Kurz [*Pterocarpus*],  
Leguminosae, Angiosperms, 77, 133,  
283, 398, 469
- macrolepis* (Kotschy) Hedge & Y [subspecies  
of *Quercus ithaburensis*], Fagaceae,  
Angiosperms, 178, 435, 440
- mahaleb* L. [*Prunus*] [Synonym of: *Cerasus  
mahaleb* (L.) Mill.], Rosaceae,  
Angiosperms, 488
- mahaleb* (L.) Mill. [*Cerasus*], Rosaceae,  
Angiosperms, 313, 484
- malus* L. [*Pyrus*], Rosaceae, Angiosperms, 35,  
314, 394, 489
- Malus*, Rosaceae, Angiosperms, 222, 334,  
394, 486
- mandshurica* Maxim. [*Juglans*], Juglandaceae,  
Angiosperms, 176, 205, 447
- mandshurica* Rupr. [*Fraxinus*], Oleaceae,  
Angiosperms, 200, 279, 479
- mangium* Willd. [*Acacia*], Leguminosae,  
Angiosperms, 157, 454
- mantchurica* (Benn.) Honda [*Fagara*],  
Rutaceae, Angiosperms, 399, 495
- manzanita* Parry [*Arctostaphylos*], Ericaceae,  
Angiosperms, 45, 429
- marilandica* (L.) Münchh. [*Quercus*],  
Fagaceae, Angiosperms, 18, 55, 160,  
249, 267, 440
- maritima* L. [*Artemisia*], Compositae,  
Angiosperms, 32, 329, 365, 423
- marschalliana* Spreng. [*Artemisia*],  
Compositae, Angiosperms, 26, 423
- matsudana* Koidz. [*Salix*] [Synonym of: *Salix  
babylonica* L.], Salicaceae,  
Angiosperms, 240, 503
- maxima* (Burm.) Osbeck [*Citrus*], Rutaceae,  
Angiosperms, 173, 252, 494
- maximinoi* H. E. Moore [*Pinus*], Pinaceae,  
Gymnosperms, 327, 513
- maximowiczii* C. K. Schneid. [*Crataegus*],  
Rosaceae, Angiosperms, 332, 485
- mearnsii* De Wild. [*Acacia*], Leguminosae,  
Angiosperms, 62, 187, 454
- melanoceras* Beurl. [*Acacia*], Leguminosae,  
Angiosperms, 229, 248, 454
- melanoxylon* R. Br. [*Acacia*], Leguminosae,  
Angiosperms, 157, 454
- meliifolia* (Hance ex Walp.) Benth. [*Euodia*]  
[Synonym of: *Tetradium glabrifolium*  
(Champ. ex Benth.) T. G. Hartley],  
Rutaceae, Angiosperms, 60, 495
- mellifera* (M. Vahl) Benth. [*Acacia*],  
Leguminosae, Angiosperms, 78, 125,  
144, 183, 205, 398, 454
- menziesii* Pursh [*Arbutus*], Ericaceae,  
Angiosperms, 44, 428
- Mespilus*, Rosaceae, Angiosperms, 313,  
334, 486
- mexicana* (L.) Willd. [*Serjania*], Sapindaceae,  
Angiosperms, 170, 507
- mezereum* L. [*Daphne*], Thymelaeaceae,  
Angiosperms, 197, 509
- michauxii* Nutt. [*Quercus*], Fagaceae,  
Angiosperms, 74, 440, 442
- micranthus* L. f. [*Hibiscus*], Malvaceae,  
Angiosperms, 20, 474
- microcalyx* Hayata [*Symplocos*],  
Symplocaceae, Angiosperms, 81, 508
- microcarpa* Bunge [*Citrus*], Rutaceae,  
Angiosperms, 192, 252, 359, 376,  
494, 495
- microcarpa* (Bunge) Wijnands  
[*Citrofortunella*] [Synonym of: *Citrus  
microcarpa* Bunge], Rutaceae,  
Angiosperms, 376, 494
- microphylla* Lam. [*Caragana*], Leguminosae,  
Angiosperms, 291, 459
- microphylla* Torr. [*Parkinsonia*] [Synonym of:  
*Cercidium microphyllum* (Torr.) Rose  
& I. M. Johnst.], Leguminosae,  
Angiosperms, 467
- microphyllum* (Torr.) Rose & I. M. Johnst.  
[*Cercidium*], Leguminosae,  
Angiosperms, 65, 148, 190, 269,  
338, 460
- militaris* Cav. [*Hibiscus*], Malvaceae,  
Angiosperms, 94, 474
- millenii* Baker [*Cordia*], Boraginaceae,  
Angiosperms, 76, 414
- Millettia*, Leguminosae, Angiosperms,  
232, 466
- Mimosa*, Leguminosae, Angiosperms, 23, 88,  
90, 136, 158, 162, 309, 357, 466

- minor* Mill. [*Ulmus*], Ulmaceae, Angiosperms, 35, 58, 220, 387, 510
- mirbeckii* Durieu [*Quercus*] [Synonym of: *Quercus canariensis* Willd.], Fagaceae, Angiosperms, 38, 178, 441
- missouriensis* A. Henry [variety of *Populus angulata*] [Synonym of: *Populus deltoides* ssp. *deltoides* W. Bartram ex Marshall], Salicaceae, Angiosperms, 497
- molineri* Quézel, Barbero & Loisel [*Artemisia*], Compositae, Angiosperms, 206, 424
- molis* Benth. [*Mimosa*], Leguminosae, Angiosperms, 269, 467
- molis* (Fernald) Fernald [variety of *Alnus crispa*] [Synonym of: *Alnus viridis* ssp. *crispa* (Aiton) Turritt], Betulaceae, Angiosperms, 275, 408
- mollissima* Willd. [*Acacia*] [Synonym of: *Acacia pubescens* (Vent.) R. Br.], Leguminosae, Angiosperms, 170, 454
- mongolica* Fisch. ex Ledeb. [*Quercus*], Fagaceae, Angiosperms, 49, 68, 114, 338, 341, 441
- monogyra* Jacq. [*Crataegus*], Rosaceae, Angiosperms, 334, 485
- monogyra* Waldst. & Kit. [*Artemisia*] [Synonym of: *Artemisia santonicum* L.], Compositae, Angiosperms, 330, 424
- monogyra* (Torr. & A. Gray) Strother & B. G. Baldwin [*Ambrosia*], Compositae, Angiosperms, 195, 422
- monogyra* Torr. & A. Gray [*Hymenoclea*] [Synonym of: *Ambrosia monogyra* (Torr. & A. Gray) Strother & B. G. Baldwin], Compositae, Angiosperms, 426
- monosperma* (Lam.) Taub. [*Butea*], Leguminosae, Angiosperms, 458
- monspeliensis* L. [*Cistus*], Cistaceae, Angiosperms, 142, 420
- montana* Torr. & Frém. [*Thamnosma*], Rutaceae, Angiosperms, 194, 495
- montana* With. [*Ulmus*] [Synonym of: *Ulmus glabra* Huds.], Ulmaceae, Angiosperms, 58, 511
- monticola* Bebb [*Salix*], Salicaceae, Angiosperms, 282, 503
- morrissiana* Hance [*Diospyros*], Ebenaceae, Angiosperms, 127, 144, 428
- morrowii* A. Gray [*Lonicera*], Caprifoliaceae, Angiosperms, 116, 418
- Morus*, Moraceae, Angiosperms, 203, 477
- mucronata* Willd. [*Ziziphus*], Rhamnaceae, Angiosperms, 330, 483
- muehlenbergii* Engelm. [*Quercus*], Fagaceae, Angiosperms, 74, 127, 441
- muelleriana* (Miq.) L. A. S. Johnson [*Allocasuarina*], Casuarinaceae, Angiosperms, 186, 419
- muelleriana* Miq. [*Casuarina*] [Synonym of: *Allocasuarina muelleriana* (Miq.) L. A. S. Johnson], Casuarinaceae, Angiosperms, 419
- multiflora* Thunb. [*Rosa*], Rosaceae, Angiosperms, 108, 490
- mutabilis* L. [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- mutica* Fisch. & C. A. Mey. [*Pistacia*] [Synonym of: *Pistacia atlantica* Desf.], Anacardiaceae, Angiosperms, 88, 406
- myricifolia* (Scheele) S. Watson [*Bernardia*], Euphorbiaceae, Angiosperms, 67, 430
- myrobalana* (L.) C. K. Schneid. [subspecies of *Prunus cerasifera*] [Synonym of: *Prunus cerasifera* Ehrh.], Rosaceae, Angiosperms, 220, 487
- myrsinifolia* Blume [*Quercus*], Fagaceae, Angiosperms, 115, 441
- myrsinifolia* Salisb. [*Salix*], Salicaceae, Angiosperms, 345, 503
- myrtifolia* Willd. [*Quercus*], Fagaceae, Angiosperms, 318, 441
- ## N
- nana* L. [*Betula*], Betulaceae, Angiosperms, 68, 266, 381, 410
- nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird [*Ericameria*], Compositae, Angiosperms, 396, 425
- nauseosus* (Pall. ex Pursh) Britton [*Chrysothamnus*], Compositae, Angiosperms, 138, 194, 294, 425
- negundo* L. [*Acer*], Sapindaceae, Angiosperms, 227, 264, 505
- neomexicana* A. Gray [*Robinia*], Leguminosae, Angiosperms, 65, 140, 470
- nepalensis* D. Don [*Alnus*], Betulaceae, Angiosperms, 342, 409
- nervosum* Oliv. [*Phoradendron*], Santalaceae, Angiosperms, 30, 504
- nevadensis* (S. Watson) Greene [*Lotus*] [Synonym of: *Syrmatium decumbens* (Benth.) Greene], Leguminosae, Angiosperms, 188, 466
- Nicotiana*, Solanaceae, Angiosperms, 24, 94, 122, 135, 150, 157, 184, 191, 196, 507

- nigra* L. [*Betula*], Betulaceae, Angiosperms, 67, 275, 410
- nigra* L. [*Juglans*], Juglandaceae, Angiosperms, 19, 46, 85, 93, 102, 147, 160, 249, 264, 364, 448
- nigra* L. [*Lonicera*], Caprifoliaceae, Angiosperms, 92, 116, 418
- nigra* L. [*Populus*], Salicaceae, Angiosperms, 51, 171, 195, 228, 284, 296, 344, 355, 385
- nigra* L. [*Quercus*], Fagaceae, Angiosperms, 61, 137, 441
- nigra* Marshall [*Fraxinus*], Oleaceae, Angiosperms, 279, 479
- nigra* Marshall [*Salix*], Salicaceae, Angiosperms, 54, 282, 300, 503
- nigricans* (L.) Griseb. [*Lembotropis*], Leguminosae, Angiosperms, 41, 461, 465
- nigricans* L. [*Cytisus*] [Synonym of: *Lembotropis nigricans* (L.) Griseb.], Leguminosae, Angiosperms, 461
- nigricans* Sm. [*Salix*] [Synonym of: *Salix myrsinifolia* Salisb.], Salicaceae, Angiosperms, 345, 503
- nigrum* L. [*Ribes*], Grossulariaceae, Angiosperms, 308, 444
- niloticum* (L.) Moench [*Helianthemum*] [Synonym of: *Helianthemum ledifolium* (L.) Mill.], Cistaceae, Angiosperms, 142, 421
- nitida* Benth. [*Pycnobotrya*], Apocynaceae, Angiosperms, 360, 408
- nitida* Willd. [*Rosa*], Rosaceae, Angiosperms, 109, 490
- Nitraria*, Nitrariaceae, Angiosperms, 24, 138, 288, 478
- nivea* Aiton [variety of *Populus alba*] [Synonym of: *Populus nivea* Willd.], Salicaceae, Angiosperms, 288, 496
- nivea* Willd. [*Populus*], Salicaceae, Angiosperms, 288, 496, 498
- nuda* (Pursh) Greene [*Nuttallia*], Loasaceae, Angiosperms, 56, 472
- nudata* (Michx.) [variety of *Bigelowia nudata*], Compositae, Angiosperms, 189, 424
- nuda* (Pursh) Torr. & A. Gray [*Mentzelia*] [Synonym of: *Nuttallia nuda* (Pursh) Greene], Loasaceae, Angiosperms, 56, 472
- nutkana* C. Presl [*Rosa*], Rosaceae, Angiosperms, 281, 490
- nuttallii* Sarg. [*Salix*] [Synonym of: *Salix scouleriana* Barratt ex Hook.], Salicaceae, Angiosperms, 503
- O**
- oblonga* Mill. [*Cydonia*], Rosaceae, Angiosperms, 313, 486
- oblongum* Wall. ex DC. [*Acer*], Sapindaceae, Angiosperms, 192, 245, 505
- obtusifolia* (L.) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 252, 470
- occidentalis* (Brandegee) Barneby & J. W. Grime [*Hesperalbizia*], Leguminosae, Angiosperms, 255, 464
- occidentalis* Brandegee [*Albizia*] [Synonym of: *Hesperalbizia occidentalis* (Brandegee) Barneby & J. W. Grime], Leguminosae, Angiosperms, 255, 457
- occidentalis* Hook. [*Betula*], Betulaceae, Angiosperms, 42, 410
- occidentalis* (Hook.) Hultén [subspecies of *Betula papyrifera*] [Synonym of: *Betula occidentalis* Hook.], Betulaceae, Angiosperms, 42, 411
- occidentalis* (Abrams) Kearney & Peebles [variety of *Amorpha fruticosa*] [Synonym of: *Amorpha fruticosa* L.], Leguminosae, Angiosperms, 271, 458
- occidentalis* L. [*Celtis*], Cannabaceae, Angiosperms, 83, 139, 146, 149, 211, 212, 218, 243, 248, 254, 267, 417
- occidentalis* L. [*Platanus*], Platanaceae, Angiosperms, 93, 481
- odorata* Bechst. [*Betula*] [Synonym of: *Betula pubescens* var. *glabrata* Wahlenb.], Betulaceae, Angiosperms, 410
- odorata* (L.) Greene [*Bossekia*], Rosaceae, Angiosperms, 318, 484
- odoratus* L. [*Rubus*] [Synonym of: *Bossekia odorata* (L.) Greene], Rosaceae, Angiosperms, 318, 492
- oerstediana* Benth. [*Inga*], Leguminosae, Angiosperms, 64, 65, 77, 94, 95, 193, 304, 320, 370, 377, 378, 464
- Olea*, Oleaceae, Angiosperms, 312, 480
- olitorius* L. [*Corchorus*], Malvaceae, Angiosperms, 20, 133, 473
- oliveri* Pierre [*Garcinia*], Clusiaceae, Angiosperms, 340, 421
- opalus* Mill. [*Acer*], Sapindaceae, Angiosperms, 387, 505
- Opuntia*, Cactaceae, Angiosperms, 153, 415
- orbiculatus* Moench [*Symphoricarpos*], Caprifoliaceae, Angiosperms, 117, 419
- orientalis* Lipsky [*Fagus*], Fagaceae, Angiosperms, 382, 432
- orientalis* Mill. [*Carpinus*], Betulaceae, Angiosperms, 381, 412

- orientalis* S. G. Gmel. [*Salsola*],  
Amaranthaceae, Angiosperms, 372, 405
- ornus* L. [*Fraxinus*], Oleaceae, Angiosperms,  
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- Ostrya*, Betulaceae, Angiosperms, 73, 137,  
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- oswaldii* F. Muell. [*Acacia*], Leguminosae,  
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- ovata* (Mill.) Britton [*Hicoria*] [Synonym of:  
*Carya ovata* (Mill.) K. Koch],  
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- ovata* (Mill.) K. Koch [*Carya*], Juglandaceae,  
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- ovata* Korth. [*Schoutenia*], Malvaceae,  
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- oxyacantha* L. [*Crataegus*] [Synonym of:  
*Crataegus curvisepala* Lindm.],  
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- oxyacanthoides* Thuil. [*Crataegus*]  
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(Poir.) DC.], Rosaceae,  
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- oxycarpa* (Willd.) Franco & Roc [subspecies of  
*Fraxinus angustifolia*], Oleaceae,  
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- Oxydendrum*, Ericaceae, 393, 429
- oxyphylla* M. Bieb. [*Fraxinus*] [Synonym of:  
*Fraxinus angustifolia* ssp. *oxycarpa*  
(Willd.) Franco & Roc], Oleaceae,  
Angiosperms, 480
- oxyphyllus* Miq. [*Euonymus*], Celastraceae,  
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- palaestina* Boiss. [*Pistacia*], Anacardiaceae,  
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- paletziana* Litv. [*Salsola*], Amaranthaceae,  
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- pallens* (Benth.) Britton & Rose [*Havardia*],  
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- pallens* (Benth.) Standl. [*Pithecellobium*]  
[Synonym of: *Havardia pallens*  
(Benth.) Britton & Rose], Leguminosae,  
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- pallida* Liebm. [*Forchhammeria*],  
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- pallida* (Torr.) Planch. [*Momisia*] [Synonym  
of: *Celtis ehrenbergiana* (Klotzsch)  
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- pallida* Torr. [*Celtis*] [Synonym of: *Celtis  
ehrenbergiana* (Klotzsch) Liebm.],  
Cannabaceae, Angiosperms, 16, 63, 83,  
150, 211, 287, 294, 417
- palustris* Münchh. [*Quercus*], Fagaceae,  
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- paniculata* Lam. [*Artemisia*] [Synonym of:  
*Artemisia campestris* ssp. *variabilis*  
(Ten.) Greuter], Compositae,  
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- paniculata* Sm. [Eucalyptus], Myrtaceae,  
Angiosperms, 125, 478
- papposa* Botsch. & Ikonn. [*Ceratoides*]  
[Synonym of: *Krascheninnikovia  
ceratoides* (L.) Gueldenst.],  
Amaranthaceae, Angiosperms, 404
- papyrifera* Marshall [*Betula*], Betulaceae,  
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- parramattensis* Tindale [*Acacia*],  
Leguminosae, Angiosperms, 63,  
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- parryi* (A. Gray) Greene [*Chrysothamnus*],  
Compositae, Angiosperms, 293, 425
- parviflora* Roxb. [*Lagerstroemia*], Lythraceae,  
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- parvifolia* Ehrh. ex Hoffm. [*Tilia*] [Synonym  
of: *Tilia cordata* Mill.], Malvaceae,  
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- paucijugus* Schrenk [*Astragalus*],  
Leguminosae, Angiosperms, 371, 458
- paulsenii* Litv. [*Salsola*], Amaranthaceae,  
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- pavia* L. [*Aesculus*], Sapindaceae,  
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- pecan* (Marshall) Nutt. [*Carya*], Juglandaceae,  
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- pedicellata* (Andersson) Cronquist [variety of  
*Salix exigua*], Salicaceae, Angiosperms,  
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- peduncularis* Née [*Quercus*], Fagaceae,  
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- pedunculata* Ehrh. [*Quercus*] [Synonym of:  
*Quercus robur* L.], Fagaceae,  
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- pellegriniana* Troupin [*Julbernardia*],  
Leguminosae, Angiosperms, 224, 465
- pendula* Matsum. [*Alnus*], Betulaceae,  
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- pendula* Roth. [*Betula*], Betulaceae,  
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- pennatula* (Schldtl. & Cham.) Benth. [*Acacia*],  
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- pennsylvanica* Marshall [*Fraxinus*], Oleaceae,  
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- pensylvanica* Mirb. [*Myrica*], Myricaceae,  
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- pensylvanicum* L. [*Acer*], Sapindaceae, Angiosperms, 282, 506
- pepo* L. [*Cucurbita*], Cucurbitaceae, Angiosperms, 129, 427
- peregrina* (L.) Coult. [*Comptonia*], Myricaceae, Angiosperms, 326, 477
- perforatum* L. [*Hypericum*], Hypericaceae, Angiosperms, 89, 90, 185, 186, 445, 446
- periclymenum* L. [*Lonicera*], Caprifoliaceae, Angiosperms, 116, 418
- persica* (L.) Batsch [*Prunus*], Rosaceae, Angiosperms, 21, 313, 487, 488
- persica* (L.) Stokes [*Prunus*], Rosaceae, Angiosperms, 220, 272, 313, 488
- persicum* Bunge ex Boiss. & Buhse [*Haloxylon*], Amaranthaceae, Angiosperms, 372, 404
- petraea* (Matt.) Liebl. [*Quercus*], Fagaceae, Angiosperms, 34, 71, 113, 165, 208, 246, 351, 441, 443
- pexa* Pierre [*Sterculia*], Malvaceae, Angiosperms, 59, 475
- phellos* L. [*Quercus*], Fagaceae, Angiosperms, 54, 160, 262, 442
- philippensis* (Lam.) Müll. Arg. [*Mallotus*], Euphorbiaceae, Angiosperms, 223, 430
- Phlox*, Polemoniaceae, Angiosperms, 107, 481
- Phoradendron*, Santalaceae, Angiosperms, 183, 504
- picea* L. [*Pinus*] [Synonym of: *Abies alba* Mill.], Pinaceae, Gymnosperms, 34, 513
- pimpinellifolia* L. [*Rosa*] [Synonym of: *Rosa spinosissima* L.], Rosaceae, Angiosperms, 35, 109, 209, 491
- pinnata* (L.) Pierre [*Pongamia*], Leguminosae, Angiosperms, 253, 468
- Pinus*, Pinaceae, Gymnosperms, 23, 513
- Pistacia*, Anacardiaceae, Angiosperms, 88, 89, 131, 225, 242, 315, 316, 357, 365, 366, 406
- Pithecellobium*, Leguminosae, Angiosperms, 141, 270, 277, 467, 468
- platanifolius* (Willd.) Sweet [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- platanoides* L. [*Acer*], Sapindaceae, Angiosperms, 227, 298, 387, 506
- Platanus*, Platanaceae, Angiosperms, 88, 93, 312, 316, 481
- platyphylla* Sukaczew [*Betula*], Betulaceae, Angiosperms, 42, 411
- platyphyllos* Scop. [*Tilia*], Malvaceae, Angiosperms, 57, 476
- plurifoliolatum* Micheli [*Cercidium*] [Synonym of: *Parkinsonia praecox* (Ruiz & Pav.) Hawkins], Leguminosae, Angiosperms, 369, 460
- polifolium* (Spach) Torr. & A. Gray [*Helianthemum*] [Synonym of: *Helianthemum rosmarinifolium* Pursh], Cistaceae, Angiosperms, 142, 421
- polium* L. [*Teucrium*], Lamiaceae, Angiosperms, 143, 448
- polyantha* (Collad.) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 90, 471
- polystachya* (Ortega) Sarg. [*Eysenhardtia*], Leguminosae, Angiosperms, 122, 299, 462
- populifolia* Marshall [*Betula*], Betulaceae, Angiosperms, 42, 411
- Populus*, Salicaceae, Angiosperms, 19, 35, 36, 43, 44, 51–54, 57, 58, 68, 69, 71–73, 97, 98, 119–121, 152, 153, 159, 171–175, 183, 197, 198, 228, 239, 255, 276, 284–286, 290, 296, 300, 302, 316, 320–322, 326, 343–346, 354–356, 366, 384, 388–392, 396, 496, 517
- pottsii* (Klotzsch) Müll. Arg. [*Croton*], Euphorbiaceae, Angiosperms, 206, 430
- praecox* (Siebold & Zucc.) Blume [*Lindera*], Lauraceae, Angiosperms, 124, 379, 449
- praecox* (Ruiz & Pav.) Hawkins [*Parkinsonia*], Leguminosae, Angiosperms, 369, 467
- praecox* (Siebold & Zucc.) Nakai [*Parabenzoin*] [Synonym of: *Lindera praecox* (Siebold & Zucc.) Blume], Lauraceae, Angiosperms, 124, 379, 449
- prinoides* Willd. [*Quercus*], Fagaceae, Angiosperms, 249, 442
- prinus* L. [*Quercus*] [Synonym of: *Quercus michauxii* Nutt.], Fagaceae, Angiosperms, 74, 442
- procera* (Roxb.) Benth. [*Albizia*], Leguminosae, Angiosperms, 457
- procera* Willd. [*Artemisia*] [Synonym of: *Artemisia abrotanum* L.], Compositae, Angiosperms, 401, 424
- propinqua* Koidz. [*Ulmus*] [Synonym of: *Ulmus davidiana* var. *japonica* (Rehder) Nakai], Ulmaceae, Angiosperms, 279, 511
- Prosopis*, Leguminosae, Angiosperms, 17, 21, 86, 93, 105, 149, 162, 181, 188, 191, 234, 270, 273, 288, 293, 374, 377, 468, 549

- prostrata* (L.) Beck [*Bassia*], Amaranthaceae, Angiosperms, 364, 404
- prostrata* (L.) Schrad. [*Kochia*] [Synonym of: *Bassia prostrata* (L.) Beck], Amaranthaceae, Angiosperms, 364, 404
- pruinosa* Lange [*Suaeda*] [Synonym of: *Suaeda vermiculata* Forssk. ex J. F. Gmel. ], Amaranthaceae, Angiosperms, 103, 277, 405
- pruinosa* Schrenk [*Populus*], Salicaceae, Angiosperms, 159, 498
- prunifolia* Siebold & Zucc. [*Symplocos*] [Synonym of: *Symplocos sumuntia* Buch.-Ham. ex D. Don], Symplocaceae, Angiosperms, 203, 508
- Prunus*, Rosaceae, Angiosperms, 112, 216, 217, 219–222, 257, 258, 268, 296, 313, 315, 316, 334, 336, 337, 339, 340, 394, 395, 484
- pseudoacacia* L. [*Robinia*], Leguminosae, Angiosperms, 139, 140, 189, 191, 264, 269, 281, 470
- pseudoplatanus* L. [*Acer*], Sapindaceae, Angiosperms, 387, 506
- pubescens* Ehrh. [*Betula*], Betulaceae, Angiosperms, 68, 411
- pubescens* Ehrh. [variety of *Betula pubescens*], Betulaceae, Angiosperms, 42, 68, 245, 381, 410, 411
- pubescens* Mill. [*Toxicodendron*], Anacardiaceae, Angiosperms, 346, 407
- pubescens* Nutt. [*Forestiera*], Oleaceae, Angiosperms, 55, 478
- pubescens* (Vent.) R. Br. [*Acacia*], Leguminosae, Angiosperms, 170, 453, 454
- pubescens* Willd. [*Quercus*], Fagaceae, Angiosperms, 34, 71, 113, 166, 168, 169, 178, 208, 215, 246, 305, 351, 442
- pulchrum* L. [*Hypericum*], Hypericaceae, Angiosperms, 90, 446
- pulverulenta* (Schltdl.) Benth. [*Leucaena*], Leguminosae, Angiosperms, 17, 212, 239, 287, 465
- pumila* (L.) Govaerts [variety of *Betula pubescens*], Betulaceae, Angiosperms, 266, 381, 411
- pumila* L. [*Ulmus*], Ulmaceae, Angiosperms, 290, 302, 376, 511
- pumila* Mill. [*Malus*], Rosaceae, Angiosperms, 222, 334, 486
- purgans* (L.) DC. [*Genista*] [Synonym of: *Cytisus balansae* ssp. *europaeus* (G. Lopez & C. E. Jarvis) Munoz Ga], Leguminosae, Angiosperms, 90, 463
- purpurea* L. [*Salix*], Salicaceae, Angiosperms, 175, 228, 285, 314, 322, 345, 386, 503
- purpurea* (Ruiz & Pav.) Mez [*Nectandra*], Lauraceae, Angiosperms, 54, 449
- purshianus* (Benth.) F. Clements & E. Clements [*Lotus*], Leguminosae, Angiosperms, 188, 466
- pycnantha* Benth. [*Acacia*], Leguminosae, Angiosperms, 50, 63, 187, 455
- pygmaea* (L.) DC. [*Caragana*], Leguminosae, Angiosperms, 235, 459
- pyramidalis* Čelak [subspecies of *Populus nigra*] [Synonym of: *Populus nigra* var. *italica* Koehne], Salicaceae, Angiosperms, 498
- pyramidalis* Bunge [variety of *Populus alba*], Salicaceae, Angiosperms, 51, 354, 385, 496
- pyraster* (L.) Du Roi [*Pyrus*], Rosaceae, Angiosperms, 118, 335, 384, 489
- pyrenaica* Willd. [*Quercus*], Fagaceae, Angiosperms, 113, 166, 178, 442, 444
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- quinquangulata* (Rich.) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 278, 471
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- racemosa* (Siebold & Zucc.) Miq. [*Xylosma*] [Synonym of: *Croton congestus* Lour.], Euphorbiaceae, Angiosperms, 431



- racemosa* (Michx.) Pers. [*Lonicera*] [Synonym of: *Symphoria racemosa* (Michx.) Pursh], Caprifoliaceae, Angiosperms, 117, 418, 419
- racemosa* (Michx.) Pursh [*Symphoria*], Caprifoliaceae, Angiosperms, 117, 418, 419
- racemosus* Michx. [*Symphoricarpos*] [Synonym of: *Symphoria racemosa* (Michx.) Pursh], Caprifoliaceae, Angiosperms, 419
- raddiana* (Savi) Brenan [*Acacia*] [Synonym of: *Acacia tortilis* ssp. *raddiana* (Savi) Brenan], Leguminosae, Angiosperms, 455
- raddiana* (Savi) Brenan [subspecies of *Acacia tortilis*], Leguminosae, Angiosperms, 132, 135, 216, 243, 297, 321, 359, 370, 373, 456
- radiatus* Cav. [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- radicans* (L.) Kuntze [*Toxicodendron*], Anacardiaceae, Angiosperms, 346, 407
- regia* L. [*Juglans*], Juglandaceae, Angiosperms, 34, 166, 311, 448
- religiosa* L. [*Ficus*], Moraceae, Angiosperms, 237, 477
- repens* L. [*Salix*], Salicaceae, Angiosperms, 322, 503
- Retama*, Leguminosae, Angiosperms, 235, 236, 469
- reticulata* (Torr.) Benson [variety of *Celtis laevigata*], Cannabaceae, Angiosperms, 151, 211, 218, 244, 267
- reticulata* (Torr.) Sarg. [variety of *Celtis mississippiensis*] [Synonym of: *Celtis laevigata* var. *reticulata* (Torr.) Benson], Cannabaceae, Angiosperms, 151, 417
- reticulata* Torr. [*Forestiera*], Oleaceae, Angiosperms, 261, 478
- reticulatum* L. [*Piper*], Piperaceae, Angiosperms, 231, 480
- Rhamnus*, Rhamnaceae, Angiosperms, 65, 118, 392, 483
- Rhododendron*, Ericaceae, Angiosperms, 238, 429
- rhoifolia* Siebold & Zucc. [*Pterocarya*], Juglandaceae, Angiosperms, 278, 448
- rhubifolia* Nutt. [*Alnus*], Betulaceae, Angiosperms, 79, 409
- Rhus*, Anacardiaceae, Angiosperms, 306, 310, 316, 407
- rhynchophylla* (Hance) A. E. Murray [subspecies of *Fraxinus chinensis*], Oleaceae, Angiosperms, 279, 479
- rhynchophylla* Hance [*Fraxinus*] [Synonym of: *Fraxinus chinensis* ssp. *rhynchophylla* (Hance) A. E. Murray], Oleaceae, Angiosperms, 480
- Ribes*, Grossulariaceae, Angiosperms, 105–107, 111, 307, 308, 321, 383, 392, 444
- richteri* (Moq.) Karel ex Litv. [*Salsola*], Amaranthaceae, Angiosperms, 241, 372, 405
- rigida* (Benth.) D. D. Sokoloff [*Ottleya*], Leguminosae, Angiosperms, 188, 466, 467
- rigida* Pall. [*Salsola*] [Synonym of: *Salsola orientalis* S. G. Gmel.], Amaranthaceae, Angiosperms, 405
- rigidula* Benth. [*Acacia*], Leguminosae, Angiosperms, 17, 21, 105, 141, 248, 455
- rigidus* (Benth.) Greene [*Lotus*] [Synonym of: *Ottleya rigida* (Benth.) D. D. Sokoloff], Leguminosae, Angiosperms, 466
- riparium* (Kunth) Sandwith [*Stizophyllum*], Bignoniaceae, Angiosperms, 180, 200, 414
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- robusta* (DC.) Benth. [*Derris*], Leguminosae, Angiosperms, 131, 461
- robusta* Burch. [*Acacia*], Leguminosae, Angiosperms, 153, 455
- robusta* Gaertn. [*Shorea*], Dipterocarpaceae, Angiosperms, 427
- roemeriana* (Scheele) H. S. Irwin & Barneby [*Senna*], Leguminosae, Angiosperms, 251, 471
- roemeriana* Scheele [*Cassia*] [Synonym of: *Senna roemeriana* (Scheele) H. S. Irwin & Barneby], Leguminosae, Angiosperms, 460
- Rosa*, Rosaceae, Angiosperms, 35, 97, 106, 108, 130, 230, 272, 273, 307, 314, 321, 339, 377, 489, 517, 528
- rosa-sinensis* L. [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- rosmarinifolia* L. [*Salix*], Salicaceae, Angiosperms, 322, 503
- rosmarinifolium* Pursh [*Helianthemum*], Cistaceae, Angiosperms, 142, 189, 421
- rossica* Nas. [*Salix*] [Synonym of: *Salix viminalis* L.], Salicaceae, Angiosperms, 503

- rostrata* Aiton [*Corylus*] [Synonym of: *Corylus cornuta* ssp. *cornuta* Marshall], Betulaceae, Angiosperms, 45, 99, 281, 289, 413
- rotundifolia* Lam. [*Quercus*], Fagaceae, Angiosperms, 34, 272, 442
- rubiginosa* L. [*Rosa*], Rosaceae, Angiosperms, 35, 109, 209, 491
- rubra* Bong. [*Alnus*], Betulaceae, Angiosperms, 79, 172, 409
- rubra* L. [*Quercus*], Fagaceae, Angiosperms, 18, 34, 46, 74, 102, 166, 226, 240, 249, 257, 302, 443
- rubra* Muhl. [*Ulmus*], Ulmaceae, Angiosperms, 55, 250, 268, 510, 511
- rubrifolia* Villars [*Rosa*], Rosaceae, Angiosperms, 109, 491
- rubrinervia* Kunth [*Erythrina*], Leguminosae, Angiosperms, 365, 462
- rubrum* L. [*Acer*], Sapindaceae, Angiosperms, 227, 506
- rubrum* L. [*Ribes*], Grossulariaceae, Angiosperms, 308, 445
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- Rudbeckia*, Compositae, Angiosperms, 189, 426
- rufovillosus* (Markgr.) Rehder [*Lithocarpus*], Fagaceae, Angiosperms, 238, 433
- rugosa* (Du Roi) R. T. Clausen [subspecies of *Alnus incana*], Betulaceae, Angiosperms, 275, 409
- rugosa* (Du Roi) Spreng. [*Alnus*] [Synonym of: *Alnus incana* ssp. *rugosa* (Du Roi) R. T. Clausen], Betulaceae, Angiosperms, 275, 409
- rugosa* Thunb. [*Rosa*], Rosaceae, Angiosperms, 109, 118, 384, 491
- rutifolia* Stephan ex Spreng. [*Artemisia*], Compositae, Angiosperms, 138, 424
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- sabdariffa* L. [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- saccharum* Marshall [*Acer*], Sapindaceae, Angiosperms, 147, 149, 227, 250, 298, 506
- sachalinensis* F. Schmidt [*Salix*], Salicaceae, Angiosperms, 386, 503
- salicifolia* (Ruiz & Pav.) Pers. [*Baccharis*] [Synonym of: *Baccharis salicina* Torr. & A. Gray], Compositae, Angiosperms, 244, 424
- salicina* Torr. & A. Gray [*Baccharis*], Compositae, Angiosperms, 244, 423
- salina* Wild. [*Artemisia*] [Synonym of: *Artemisia maritima* L.], Compositae, Angiosperms, 329, 424
- Salix*, Salicaceae, Angiosperms, 43, 44, 52–55, 69, 101, 102, 110, 111, 113, 119, 128, 134, 141, 152, 153, 156, 164, 171, 174, 175, 197, 198, 204, 209, 210, 214, 215, 220, 228, 231, 233, 240, 250, 251, 281, 288, 290, 299, 300, 302, 314, 319–321, 323, 325, 329, 335, 336, 342–346, 348, 351, 352, 355, 356, 366, 374, 385, 394, 396, 397, 499, 517, 528, 549
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- salsola* (Torr. & A. Gray) Strother & B. G. Baldwin. [*Ambrosia*], Compositae, Angiosperms, 194, 195, 422
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- Salvia*, Lamiaceae, Angiosperms, 122, 323, 324, 448
- salviifolius* L. [*Cistus*], Cistaceae, Angiosperms, 142, 420
- saman* (Jacq.) Merr. [*Albizia*], Leguminosae, Angiosperms, 192, 457
- saman* (Jacq.) Merr. [*Samanea*] [Synonym of: *Albizia saman* (Jacq.) Merr.], Leguminosae, Angiosperms, 470
- sanguinea* L. [*Cornus*], Cornaceae, Angiosperms, 32, 96, 107, 284, 310, 427
- sanguinea* (L.) Opiz [*Swida*] [Synonym of: *Cornus sanguinea* L.], Cornaceae, Angiosperms, 310, 427
- santolinifolia* Turcz. ex Besser [*Artemisia*] [Synonym of: *Artemisia gmelinii* Weber ex Stechm.], Compositae, Angiosperms, 138, 329, 401, 424
- santonium* L. [*Artemisia*], Compositae, Angiosperms, 330, 424
- Sapindus*, Sapindaceae, Angiosperms, 64, 140, 214, 261, 287, 324, 327, 328, 358, 507
- Sarothamnus*, Leguminosae, Angiosperms, 91, 92, 368, 470
- sarothroides* A. Gray [*Baccharis*], Compositae, Angiosperms, 49, 59, 424
- sativa* Mill. [*Castanea*], Fagaceae, Angiosperms, 33, 70, 165, 178, 207, 257, 382, 431

- scabra* Mill. [*Ulmus*] [Synonym of: *Ulmus glabra* Huds.], Ulmaceae, Angiosperms, 511
- schwerinii* E. L. Wolf [*Salix*], Salicaceae, Angiosperms, 152, 386, 503, 504
- sclerocarpa* Standl. [*Caesalpinia*], Leguminosae, Angiosperms, 80, 458
- scleroxylon* K. Schum. [*Triplochiton*], Malvaceae, Angiosperms, 265, 361, 476
- scoparia* L. [*Erica*], Ericaceae, Angiosperms, 143, 429
- scoparium* L. [*Spartium*] [Synonym of: *Cytisus scoparius* (L.) Link], Leguminosae, Angiosperms, 471
- scoparius* (L.) Link [*Cytisus*], Leguminosae, Angiosperms, 39, 41, 91, 461
- scoparius* (Nutt.) Otley [*Lotus*] [Synonym of: *Syrmatium glabrum* Vogel], Leguminosae, Angiosperms, 188, 466
- scoparius* (L.) W. D. J. Koch [*Sarothamnus*] [Synonym of: *Cytisus scoparius* (L.) Link], Leguminosae, Angiosperms, 39, 470
- scorpius* (L.) DC. [*Genista*], Leguminosae, Angiosperms, 39, 91, 169, 463
- scouleriana* Barratt ex Hook. [*Salix*], Salicaceae, Angiosperms, 282, 503
- scrobiculata* Radlk. [*Matayba*], Sapindaceae, Angiosperms, 84, 506
- seemannii* Triana & Planch [*Luehea*], Malvaceae, Angiosperms, 231, 475
- Senecio*, Compositae, Angiosperms, 353, 361, 426
- senegal* (L.) Willd. [*Acacia*], Leguminosae, Angiosperms, 358, 455
- sergiloides* A. Gray [*Baccharis*], Compositae, Angiosperms, 151, 194, 195, 424
- sericocephala* (Benth.) Brenan [*Albizia*] [Synonym of: *Albizia amara* ssp. *sericocephala* (Benth.) Brenan], Leguminosae, Angiosperms, 457
- sericocephala* (Benth.) Brenan [subspecies of *Albizia amara*], Leguminosae, Angiosperms, 170, 457
- serrata* (Thunb.) Makino [*Zelkova*], Ulmaceae, Angiosperms, 135, 190, 340, 342, 358, 367, 376, 379, 511
- serrata* Murray [*Quercus*], Fagaceae, Angiosperms, 22, 48, 115, 155, 180, 233, 371, 443
- sessiliflora* Salisb. [*Quercus*] [Synonym of: *Quercus petraea* (Matt.) Liebl.], Fagaceae, Angiosperms, 443
- sessilifolium* (L.) O. Lang [*Cytisophyllum*], Leguminosae, Angiosperms, 41, 461
- sessilifolius* L. [*Cytisus*] [Synonym of: *Cytisophyllum sessilifolium* (L.) O. Lang], Leguminosae, Angiosperms, 461
- seyal* Delile [*Acacia*], Leguminosae, Angiosperms, 216, 292, 455
- shumardii* Buckley [*Quercus*], Fagaceae, Angiosperms, 46, 303, 443
- Sideroxylon*, Sapotaceae, Angiosperms, 64, 507
- sieberiana* DC. [*Acacia*], Leguminosae, Angiosperms, 243, 373, 396, 455
- sieboldiana* Maxim. [*Juglans*] [Synonym of: *Juglans ailanthifolia* Carrière], Juglandaceae, Angiosperms, 448
- sieboldiana* Maxim [variety of *Juglans mandshurica*] [Synonym of: *Juglans ailanthifolia* Carrière], Juglandaceae, Angiosperms, 278, 379, 448
- sieboldii* Miq. [*Populus*], Salicaceae, Angiosperms, 152, 498
- siliquastrum* L. [*Cercis*], Leguminosae, Angiosperms, 378, 460
- silverhjelmsii* Schrenk [*Rosa*], Rosaceae, Angiosperms, 109, 490, 491
- sinensis* (L.) Osbeck [*Citrus*], Rutaceae, Angiosperms, 252, 495
- sinensis* Pers. [*Celtis*], Cannabaceae, Angiosperms, 126, 134, 190, 417
- sinensis* (Sims) Sweet [*Wisteria*], Leguminosae, Angiosperms, 277, 472
- sissoo* DC. [*Dalbergia*], Leguminosae, Angiosperms, 76, 122, 461
- sitchensis* Sanson ex Bong. [*Salix*], Salicaceae, Angiosperms, 282, 504
- sloanei* Fawc. & Rendle [*Mucuna*], Leguminosae, Angiosperms, 364, 467
- Solanum*, Solanaceae, Angiosperms, 207, 508
- solomonensis* Exell [*Terminalia*], Combretaceae, Angiosperms, 393, 422
- sophorae* (Labill.) Court [*Acacia*] [Synonym of: *Acacia longifolia* ssp. *sophorae* (Labill.) Court], Leguminosae, Angiosperms, 454, 455
- sophorae* (Labill.) Court [subspecies of *Acacia longifolia*], Leguminosae, Angiosperms, 62, 187
- sophorae* (Labill.) F. Muell. [variety of *Acacia longifolia*] [Synonym of: *Acacia longifolia* ssp. *sophorae* (Labill.) Court], Leguminosae, Angiosperms, 454
- Sorbaria*, Rosaceae, Angiosperms, 136, 492
- Sorbus*, Rosaceae, Angiosperms, 119, 230, 333, 335, 339, 394, 493

- Spartium*, Leguminosae, Angiosperms, 27, 91, 92, 471
- spectabilis* Benth. [*Acacia*], Leguminosae, Angiosperms, 63, 187, 455
- Sphaeralcea*, Malvaceae, Angiosperms, 56, 149, 224, 294, 475
- sphaerocarpa* (L.) Boiss. [*Retama*], Leguminosae, Angiosperms, 39, 235, 470
- spinosa* (L.) DC. [*Caragana*], Leguminosae, Angiosperms, 277, 459
- spinosa* (L.) Link [*Calicotome*], Leguminosae, Angiosperms, 39, 458
- spinosa* L. [*Prunus*], Rosaceae, Angiosperms, 108, 144, 313, 488
- spinosa* (Hook.) Moq. [*Grayia*], Amaranthaceae, Angiosperms, 148, 293, 404
- spinosissima* L. [*Rosa*], Rosaceae, Angiosperms, 35, 109, 209, 491
- Spiraea*, Rosaceae, Angiosperms, 370, 493
- spirocarpa* (A. Rich.) Brenan [*Acacia*] [Synonym of: *Acacia tortilis* ssp. *spirocarpa* (A. Rich.) Brenan], Leguminosae, Angiosperms, 454
- spirocarpa* (A. Rich.) Brenan [subspecies of *Acacia tortilis*], Leguminosae, Angiosperms, 80, 204, 455, 456
- stellata* Wangerh. [*Quercus*], Fagaceae, Angiosperms, 16, 19, 46, 127, 156, 301, 443
- Stillingia*, Euphorbiaceae, Angiosperms, 151, 431
- stipulata* B. Boivin [*Albizia*] [Synonym of: *Albizia chinensis* (Osbeck) Merr.], Leguminosae, Angiosperms, 457
- Styrax*, Styracaceae, Angiosperms, 314, 508
- suaveolens* Fisch. [*Populus*], Salicaceae, Angiosperms, 355, 385, 498
- suber* L. [*Quercus*], Fagaceae, Angiosperms, 34, 71, 166, 178, 208, 246, 383, 443
- suffrutescens* (Rose) Isely [variety of *Acacia angustissima*], Leguminosae, Angiosperms, 83, 451
- sumuntia* Buch.-Ham. ex D. Don [*Symplocos*], Symplocaceae, Angiosperms, 203, 508
- swietenia* DC. [*Chloroxylon*], Rutaceae, Angiosperms, 317, 494
- sylvatica* L. [*Fagus*], Fagaceae, Angiosperms, 33, 70, 165, 249, 257, 350, 382, 433
- sylvester* Kostel. ex Maxim. [*Aruncus*], Rosaceae, Angiosperms, 118, 484
- sylvestris* (C. C. Gmel.) Hegi [subspecies of *Vitis vinifera*] [Synonym of: *Vitis vinifera* L.], Vitaceae, Angiosperms, 512
- sylvestris* Mill. [*Malus*], Rosaceae, Angiosperms, 40, 313, 339, 486
- sylvestris* Sw. [*Casearia*], Salicaceae, Angiosperms, 206, 495
- Symphoricarpos*, Caprifoliaceae, Angiosperms, 117, 419
- Syzygium*, Myrtaceae, Angiosperms, 260, 478

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- Tamarindus*, Leguminosae, Angiosperms, 79, 471
- Tamarix*, Tamaricaceae, Angiosperms, 27, 103, 229, 230, 293, 296, 508–509
- tashiroi* Maxim. [*Clematis*], Ranunculaceae, Angiosperms, 368, 482
- tatarica* L. [*Lonicera*], Caprifoliaceae, Angiosperms, 116, 418
- tataricum* L. [*Acer*], Sapindaceae, Angiosperms, 387, 505, 506
- telfziriae* G. Don ex Maund & Hensl. [*Hibiscus*], Malvaceae, Angiosperms, 20, 474
- tenuifolia* Benth. [*Pinus*] [Synonym of: *Pinus maximinoi* H. E. Moore], Pinaceae, Gymnosperms, 327, 513
- tenuifolia* (Nutt.) Breitung. [*Alnus*] [Synonym of: *Alnus incana* ssp. *tenuifolia* (Nutt.) Breitung.], Betulaceae, Angiosperms, 409
- tenuifolia* (Nutt.) Breitung. [subspecies of *Alnus incana*], Betulaceae, Angiosperms, 79, 281, 409
- tenuifolia* Nutt. [*Celtis*], Cannabaceae, Angiosperms, 83, 146, 212, 254, 267, 417
- terebinthus* L. [*Pistacia*], Anacardiaceae, Angiosperms, 129, 161, 225, 310, 406
- ternifolia* (Cav.) Schldl. [*Bouvardia*], Rubiaceae, Angiosperms, 50, 494
- tesota* A. Gray [*Olneya*], Leguminosae, Angiosperms, 17, 190, 269, 274, 467
- tetrapterum* Fr. [*Hypericum*], Hypericaceae, Angiosperms, 185, 446
- Teucrium*, Lamiaceae, Angiosperms, 143, 448
- texana* (Scheele) Sarg. [variety of *Celtis laevigata*], Cannabaceae, Angiosperms, 211, 267, 416

- texana* Scheele [*Diospyros*], Ebenaceae, Angiosperms, 136, 211, 427, 428
- texanum* Scheele [*Bryodendron*] [Synonym of: *Diospyros texana* Scheele], Ebenaceae, Angiosperms, 349, 427
- thunbergiana* (Siebold & Zucc.) Benth. [*Pueraria*] [Synonym of: *Pueraria montana* var. *lobata* (Willd.) Sanjappa & Pradeep], Leguminosae, Angiosperms, 90, 359, 469
- thunbergii* Maxim. [*Ficus*], Moraceae, Angiosperms, 368, 477
- thunbergii* Siebold & Zucc. [*Machilus*], Lauraceae, Angiosperms, 80, 144, 360, 449
- thurifera* (Blanco) Blume [*Anisoptera*], Dipterocarpaceae, Angiosperms, 259, 325, 427
- tianschanica* Rupr. [*Betula*], Betulaceae, Angiosperms, 68, 411
- tiliaceus* L. [*Hibiscus*], Malvaceae, Angiosperms, 81, 193, 474
- Tilia*, Malvaceae, Angiosperms, 57, 71, 147, 208, 316, 347, 383, 475
- tiliifolia* Vahl [*Grewia*], Malvaceae, Angiosperms, 61, 378, 473
- tinctoria* (L.) D. Don ex Steud. [*Maclura*], Moraceae, Angiosperms, 400, 477
- tinctoria* L. [*Genista*], Leguminosae, Angiosperms, 39, 41, 91, 463
- tomentosa* (Harms) Craib & Stapf [*Isobertinia*], Leguminosae, Angiosperms, 103, 137, 150, 199, 465
- tomentosa* (Pursh) Lindl. [*Arctostaphylos*], Ericaceae, Angiosperms, 45, 429
- tomentosa* (Lam. ex Poir.) Nutt. [*Carya*] [Synonym of: *Carya alba* (L.) Nutt. ex Elliott], Juglandaceae, Angiosperms, 127, 226, 263, 301, 447
- tomentosa* Willd. [*Acacia*], Leguminosae, Angiosperms, 200, 455
- tomentosum* (DC.) Engelm. ex A. Gray [*Phoradendron*], Santalaceae, Angiosperms, 367, 504
- torminalis* (L.) Crantz [*Sorbus*], Rosaceae, Angiosperms, 230, 384, 493
- torreyana* (L. D. Benson) M. C. Johnston. [variety of *Prosopis glandulosa*], Leguminosae, Angiosperms, 17, 65, 148, 184, 199, 269, 273, 375, 468
- torreyanum* (S. Watson) Sarg. [*Cercidium*] [Synonym of: *Cercidium floridum* ssp. *floridum* A. Gray], Leguminosae, Angiosperms, 86, 460
- tortilis* (Forssk.) Hayne [*Acacia*], Leguminosae, Angiosperms, 30, 113, 193, 237, 274, 330, 340, 455, 456
- tortuosa* Ledeb. [*Betula*] [Synonym of: *Betula pubescens* var. *pumila* (L.) Govaerts], Betulaceae, Angiosperms, 266, 381, 411
- torulosa* Aiton [*Casuarina*] [Synonym of: *Allocasuarina torulosa* (Dryand. ex Aiton) L. A. S. Johnson], Casuarinaceae, Angiosperms, 62, 419
- torulosa* (Dryand. ex Aiton) L. A. S. Johnson [*Allocasuarina*], Casuarinaceae, Angiosperms, 62, 419
- toxicodendron* L. [*Rhus*] [Synonym of: *Toxicodendron pubescens* Mill.], Anacardiaceae, Angiosperms, 346, 407
- toza* Bastard [*Quercus*] [Synonym of: *Quercus pyrenaica* Willd.], Fagaceae, Angiosperms, 166, 444
- tremula* L. [*Populus*], Salicaceae, Angiosperms, 35, 52, 174, 182, 197, 285, 290, 314, 344, 355, 366, 385, 497–499
- tremuloides* Michx. [*Populus*], Salicaceae, Angiosperms, 43, 172, 182, 239, 499
- tricanthos* L. [*Gleditsia*], Leguminosae, Angiosperms, 16, 82, 84, 102, 133, 139, 147, 190, 226, 250, 269, 291, 296, 298, 463
- triandra* L. [*Salix*], Salicaceae, Angiosperms, 322, 366, 502, 504
- trichocarpa* Miq. [*Rhus*] [Synonym of: *Toxicodendron trichocarpum* (Miq.) Kuntze], Anacardiaceae, Angiosperms, 87, 407
- trichocarpa* Torr. & A. Gray [*Populus*], Salicaceae, Angiosperms, 43, 171–173, 239, 499
- trichocarpum* (Miq.) Kuntze [*Toxicodendron*], Anacardiaceae, Angiosperms, 87, 407
- triflorus* Lam. [*Cytisus*], Leguminosae, Angiosperms, 39, 123, 461
- trifoliata* L. [*Ptelea*], Rutaceae, Angiosperms, 213, 495
- tschonoskii* Maxim. [*Carpinus*], Betulaceae, Angiosperms, 379, 412
- tuberosa* (Willd.) DC. [*Pueraria*], Leguminosae, Angiosperms, 232, 469
- turcomanica* (Litv.) Botsch. [*Climacoptera*], Amaranthaceae, Angiosperms, 372, 404

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- Ulex*, Leguminosae, Angiosperms, 39, 40, 368, 471
- uliginosa* (Willd.) H. Passarge [subspecies of *Salix aurita*], Salicaceae, Angiosperms, 386, 501
- uliginosa* (Willd.) [*Salix*] [Synonym of: *Salix aurita* ssp. *uliginosa* (Willd.) H. Passarge], Salicaceae, Angiosperms, 504
- ulmaria* (L.) Maxim. [*Filipendula*], Rosaceae, Angiosperms, 51, 486
- ulmaria* (L.) [*Spiraea*] [Synonym of: *Filipendula ulmaria* (L.) Maxim.], Rosaceae, Angiosperms, 53, 486, 493
- Ulmus*, Ulmaceae, Angiosperms, 35, 47, 55, 57, 58, 71, 97, 119–121, 176, 190, 204, 220, 221, 239, 244, 250, 251, 253, 258, 268, 276, 279, 280, 290, 296, 302, 317, 318, 342, 351, 352, 357, 369, 376, 387, 509–511
- ultramontana* (S. Watson) Jeps. [variety of *Rosa woodsii*] [Synonym of: *Rosa woodsii* ssp. *ultramontana* (S. Watson) Roy L. Tay], Rosaceae, Angiosperms, 109, 491
- ultramontana* (S. Watson) Roy L. Tay [subspecies of *Rosa woodsii*], Rosaceae, Angiosperms, 109, 491
- umbellata* (Thunb.) Makino [*Rhaphiolepis*], Rosaceae, Angiosperms, 331, 489
- unedo* L. [*Arbutus*], Ericaceae, Angiosperms, 117, 428
- Urena*, Malvaceae, Angiosperms, 20, 133, 476
- usneoides* (L.) L. [*Tillandsia*], Bromeliaceae, Angiosperms, 326, 415
- utahensis* (A. DC.) Rydb. [*Quercus*] [Synonym of: *Quercus gambelii* Nutt.], Fagaceae, Angiosperms, 26, 88, 303, 363, 444
- uva-crispa* L. [*Ribes*], Grossulariaceae, Angiosperms, 107, 308, 445

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- Vaccinium*, Ericaceae, Angiosperms, 153, 331, 429
- vahlilii* Wight & Arn. [*Bauhinia*], Leguminosae, Angiosperms, 232, 458
- variabilis* Blume [*Quercus*], Fagaceae, Angiosperms, 49, 115, 444
- variabilis* (Ten.) Greuter [subspecies of *Artemisia campestris*], Compositae, Angiosperms, 401, 423, 424

- varunua* Buch.-Ham. ex Mast. [*Elaeocarpus*], Elaeocarpaceae, Angiosperms, 428
- velutina* Lam [*Quercus*], Fagaceae, Angiosperms, 19, 46, 74, 160, 249, 301, 393, 444
- velutina* Torr. [*Fraxinus*], Oleaceae, Angiosperms, 279, 480
- veneris* (A. Kern.) Meikle [subspecies of *Quercus infectoria*], Fagaceae, Angiosperms, 179, 305, 439
- vera* Forssk. ex J. F. Gmel. [*Suaeda*], Amaranthaceae, Angiosperms, 295, 405
- vera* L. [*Pistacia*], Anacardiaceae, Angiosperms, 89, 225, 310, 365, 407
- vermiculata* Forssk. ex J. F. Gmel. . [*Suaeda*], Amaranthaceae, Angiosperms, 103, 277, 405, 406
- vermiculata* L. [*Salsola*], Amaranthaceae, Angiosperms, 87, 405
- veronense* (Schrank) H. Lindb. [subspecies of *Hypericum perforatum*], Hypericaceae, Angiosperms, 185, 446
- veronense* Schrank [*Hypericum*] [Synonym of: *Hypericum perforatum* ssp. *veronense* (Schrank) H. Lindb.], Hypericaceae, Angiosperms, 446
- verrucosa* Ehrh. [*Betula*] [Synonym of: *Betula pendula* Roth], Betulaceae, Angiosperms, 411
- vesca* Gaertn. [*Castanea*] [Synonym of: *Castanea sativa* Mill.], Fagaceae, Angiosperms, 178, 257, 431
- vestita* Wall. ex Brandis [*Grewia*] [Synonym of: *Grewia eriocarpa* Juss.], Malvaceae, Angiosperms, 473
- Viburnum*, Adoxaceae, Angiosperms, 81, 115, 164, 403
- villosus* Thunb. [*Rubus*] [Synonym of: *Rubus corchorifolius* L. f.], Rosaceae, Angiosperms, 319, 492
- viminalis* L. [*Salix*], Salicaceae, Angiosperms, 128, 175, 185, 209, 214, 322, 386, 503, 504
- vinifera* L. [*Vitis*], Vitaceae, Angiosperms, 130, 315, 512
- virens* Lindh. ex A. Gray [*Rhus*], Anacardiaceae, Angiosperms, 49, 407
- virgata* (Nutt.) DC. [*Bigelovia*] [Synonym of: *Bigelovia nudata* var. *nudata* (Michx.)], Compositae, Angiosperms, 189, 424

- virginiana* (Mill.) K. Koch [*Ostrya*],  
Betulaceae, Angiosperms, 81, 87, 248,  
249, 262, 275, 301, 414
- virginiana* L. [*Diospyros*], Ebenaceae,  
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263, 428
- virginiana* L. [*Prunus*], Rosaceae, 103, 488
- virginica* (Münchh.) Willd. [*Ostrya*] [Synonym  
of: *Ostrya virginiana* (Mill.) K. Koch],  
Betulaceae, Angiosperms, 87, 414
- viridis* (Chaix) DC. [*Alnus*], Betulaceae,  
Angiosperms, 380, 409
- viridis* L. [*Crataegus*], Rosaceae,  
Angiosperms, 147, 485
- viscida* Parry [*Arctostaphylos*], Ericaceae,  
Angiosperms, 45, 429
- viscidiflorus* (Hook.) Nutt. [*Chrysothamnus*],  
Compositae, Angiosperms, 293, 425
- Viscum*, Santalaceae, Angiosperms, 164, 200,  
205, 314, 504
- vitiensis* Engl. [*Buchanania*], Anacardiaceae,  
Angiosperms, 25, 406
- Vitis*, Vitaceae, Angiosperms, 36, 130, 131,  
155, 220, 221, 224, 243, 315, 316, 387,  
389–392, 512
- vulgare* Garsault [*Helianthemum*], Cistaceae,  
Angiosperms, 142, 421
- vulgare* L. [*Ligustrum*], Oleaceae,  
Angiosperms, 97, 480
- vulgaris* Lam. [*Armeniaca*] [Synonym of:  
*Prunus armeniaca* L.], Rosaceae,  
Angiosperms, 484
- vulgaris* L. [*Artemisia*], Compositae,  
Angiosperms, 26, 28, 424
- vulgaris* L. [*Syringa*], Oleaceae, Angiosperms,  
97, 480
- vulgaris* Mill. [*Cerasus*], Rosaceae,  
Angiosperms, 219, 484, 487
- vulgaris* Mill. [*Persica*] [Synonym of: *Prunus*  
*persica* (L.) Batsch], Rosaceae,  
Angiosperms, 313, 487
- vulgaris* Pers. [*Cydonia*] [Synonym of:  
*Cydonia oblonga* Mill.], Rosaceae,  
Angiosperms, 313, 486
- vulgaris* Wimm. [*Sarothamnus*] [Synonym of:  
*Cytisus scoparius* (L.) Link],  
Leguminosae, Angiosperms, 41, 470
- W**
- wigginsii* L. C. Wheeler [*Croton*],  
Euphorbiaceae, Angiosperms, 176, 430
- wilsoniana* C. K. Schneid. [*Ulmus*] [Synonym  
of: *Ulmus davidiana* var. *japonica*  
(Rehder) Nakai], Ulmaceae,  
Angiosperms, 376, 511
- wislizeni* A. DC. [*Quercus*], Fagaceae,  
Angiosperms, 31, 444
- wislizeni* (A. Gray) H. S. Irwin & Barneby  
[*Senna*], Leguminosae, Angiosperms,  
39, 471
- Wisteria*, Leguminosae, Angiosperms, 277,  
278, 359, 471
- woodsii* Lindl. [*Rosa*], Rosaceae,  
Angiosperms, 109, 491
- wrightii* (S. Watson) L. D. Benson [variety  
of *Platanus racemosa*], Platanaceae,  
Angiosperms, 88, 183, 481
- wrightii* S. Watson [*Platanus*] [Synonym of:  
*Platanus racemosa* var. *wrightii*  
(S. Watson) L. D. Benson], Platanaceae,  
Angiosperms, 481
- X**
- xanti* A. Gray [*Mimosa*], Leguminosae,  
Angiosperms, 269, 274, 467
- xylocarpa* (Roxb.) Taub. [*Xylia*],  
Leguminosae, Angiosperms, 324, 472
- xylosteum* L. [*Lonicera*], Caprifoliaceae,  
Angiosperms, 117, 418
- Y**
- yedoensis* Matsum. [*Prunus*], Rosaceae,  
Angiosperms, 145, 488
- yezoensis* Kimura [*Salix*] [Synonym of: *Salix*  
*schwerinii* E. L. Wolf], Salicaceae,  
Angiosperms, 152, 153, 386, 504
- Z**
- Zanthoxylum*, Rutaceae, Angiosperms, 16,  
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- Zea*, Poaceae, Angiosperms, 158, 481
- Zelkova*, Ulmaceae, Angiosperms, 135, 190,  
340, 342, 358, 367, 376, 379, 511
- zenkeri* Engl. [*Celtis*], Cannabaceae,  
Angiosperms, 128, 236, 252, 271, 297,  
304, 320, 417
- zygia* (DC.) J. F. Macbr. [*Albizia*],  
Leguminosae, Angiosperms,  
77, 154, 161, 177, 265, 309, 325,  
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