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FOURTH
SUPPLEMENT
1933 to 1938 (inclusive)

to

THE LENG CATALOGUE

of

COLEOPTERA

of

AMERICA, NORTH OF MEXICO

By

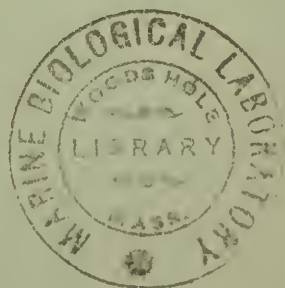
RICHARD E. BLACKWELDER

Assistant Curator

in charge of

Coleoptera

AMERICAN MUSEUM OF NATURAL HISTORY



Mount Vernon, N. Y.
JOHN D. SHERMAN, JR.

December

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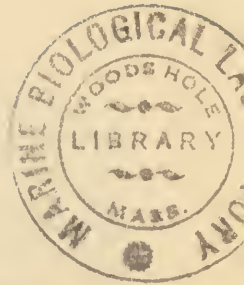
Mount Vernon, N. Y.
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INTRODUCTION

This fourth supplement to Mr. Leng's catalog of North American Coleoptera is offered by the compiler and by the publisher with the hope that it may help to alleviate a condition which has led to a widespread desire for a complete new catalog. Since there appears to be little chance of financing such a new catalog in the near future, it has been thought worth while to prepare another supplement which would fill some of the more obvious needs.

It is probable that a great many entomologists have no conception of the amount of work involved in the preparation of a bibliographic catalog for publication. The writer, when he undertook the present task, anticipated at most a two or three month job. Work was started about the first of March and has occupied most of the compiler's time continuously till the middle of October. It is doubtful if the work could have been undertaken if it had been known that it would involve such an outlay in time and study.

Although this supplement includes many changes in make-up from that followed in the previous supplements (as will be explained below), it has been the endeavor of the compiler to make it as useful as possible in connection with the original catalog and the other supplements. Although Mr. Leng has not had an active part in this work, all proposed changes in procedure have been examined by him and do, I believe, have his complete approval.

In my opinion it is due principally to the excellence of the original catalog that it is possible to issue supplements which can give any satisfaction. Few coleopterists have contributed so largely to the work of all their colleagues as Mr. Leng, and few large works have been so completely constructive in their nature or so universally indispensable as the "Leng Catalog".

It would seem to be axiomatic that the fourth of a series of supplements should conform in procedure and treatment with the previous parts. In spite of this a glance at the present work will suffice to show that it departs widely from the other supplements. The reasons for these changes are outlined below.

The primary cause of changes in make-up of the supplement was the desire to save space. The complete division of the page into

two columns and the omission of numbers have together increased the space available by twenty to thirty percent. The first of these changes will scarcely be noticed by users of the catalog. The second may meet with disapproval of some, but in its defense may be mentioned the substantial amount of space saved which has been used for the inclusion of revisionary studies.

The second important departure from the previous supplements is in the matter of authorities for new synonyms, records, and other changes. It has been felt that a summary of the compiler's opinions on the status of species and classifications (such as the original catalog properly included to some extent) was of less interest in the supplement than an accurate reporting of what has been published during the last six years and who published it. Accordingly nearly every new proposal is accompanied by a citation to the author of that proposal.

It has been the aim of the compiler to include all new species described up to January, 1939, all synonymy proposed up to the time the manuscript was completed (about September 1, 1939), all new records for North America with synonyms, all contributions to the classification of beetles, and all revisionary studies, whether of families, genera, or groups of species.

Bibliographic references are made as in the catalog by giving the author, date, and page. An indication of distribution is given. Italics have been used always for synonyms, and generic synonyms are in addition placed in parenthesis. Names which were proposed for categories less than species are preceded by a letter denoting the category assigned to them by the writer quoted. These are arranged in indented form to emphasize their status lower than species.

For the first time subgenera are definitely indicated as such. These names are strongly indented and are printed in Roman capitals. Space considerations prevented the insertion of the word subgenus or an abbreviation in these cases, but once the system of type faces is understood, there should be no difficulty. Bold-face is used always for genera, italics for synonyms, and capitals for subgenera. (In the Carabidæ only there have recently been proposed some names for "sections" within certain subgenera. These have been printed in small capitals and still more indented than the subgenera.)

Two uses are made of the asterisk (*). Wherever there has been recently published a presumably complete revision of a genus, an asterisk is placed at the left hand margin immediately below the generic name. Any other items which were not included in the revision are separated from the latter by a row of three as-

terisks. Thus the three asterisks always denote the end of a revision or of a subgenus, or of a special rearrangement of genera as mentioned in a footnote.

One of the characteristics of human endeavor is the occasional mistake that is almost inevitably to be found. The most concentrated effort will not prevent a few errors from marring any work. These are generally taken for granted and are scarcely noticed unless they are present in unusual numbers. While examining the sources of the present compilation, the writer was forced to the conclusion that an entirely disproportionate number of the errors in our taxonomic papers on beetles has been made by a relatively small number of workers. For the most part these are errors due to carelessness or indifference, and they usually result from failure to ascertain all the facts or from one's being in too great a hurry to get papers published. A few of these are mentioned in footnotes in the text. Among the more common and very unfortunate errors may be mentioned the following: The renaming of preoccupied genera and species for which there was already one or more available names; failure to give the author of a homonym an opportunity to rename it; changing the name of a genus or species because of page precedence; citing a synonym in parenthesis between the generic and specific names, as *Mylabris (Bruchus) atomus*, where *Bruchus* is not used as a subgenus; failure to follow the Rules strictly in the matter of accepting or correcting the original spelling of names; and extreme carelessness in giving references to older species and in the spelling of the names themselves.

Most of these errors have been copied into the supplement without specific comment, but attention is directed to some by footnotes. In most cases in which there have been changes made by the compiler, this fact is indicated. But in general responsibility and authority for all items are placed directly back on the entomologist who published them. An exception to this statement must be noted in the matter of the bibliographic references. Many of these have been corrected by independent study, and wherever there was a discrepancy the original catalog has been followed (unless ample reasons have been published for the change).

Many of the entomologists whose recent work is included in this supplement were kind enough to check the preliminary lists of their publications. One hundred and one such lists were sent out, and about 85 were returned with the necessary additions or corrections. Many important oversights were thus corrected, and many new items were contributed by these workers from their own studies. Grateful acknowledgment is made to all these friends.

SIGNS AND ABBREVIATIONS

* indicates a revision of the genus (or other group).

*** indicates the end of a revision or of a subgenus.

[before locality indicates that it applies to line above.

a. aberration.

n. natio, used by Breuning as a category between subspecies and aberration.

s. subspecies.

v. variety.

FOURTH SUPPLEMENT TO CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1938

CICINDELIDÆ

Omus

- humeroplanatus W. Horn 10-263
 Loc. should be Del Norte Co., Cal.¹
 submetallicus G.Horn 68-129
 s.niger Cazier 37-94 Cal.

Megacephala Latr. 02-79

- TETRACHA Hope 38-6²
 affinis Dej. 25-12
 s.angustata Chevr. 41-55 C.A. Tex.²
 virginica Linn. 66-657
 v.melæna Cartw. 35-70 S.C. Va.

Cicindela

- purpurea Oliv. 90-14 E.U.S.-Sierras
 marginalis Fabr. 01-240³
 spreta Lec. 57-37 (not Lec. 1848)³
 s.auduboni Lec. 45-207 (in part)³
 Ill.-Ut.-Alb.-Minn.
 graminea Schp. 83-89 (in part)³
 v.lauta Csy. 97-296³ Ore. Cal.
 franciscana Csy. 13-23³
 graminea Schp. 83-89 (in part)³
 v.mirabilis Csy. 14-358^{3 4}
 v.nigerrima Leng 18-139³
 Mass.-N.M.-Mont.
 auduboni Lec. 45-207 (in part)³
 cimarrona Lec. 68-49³
 N.M. Colo. Ariz. Ut.
 v.sedalia Smyth 33-201^{3 4} Colo. (Ore.)

- limbalis Klug 34-39³ Mass.-Ky.-Kan.-
 amoena Lec. 48-177³ [Alb.
 splendida || Lec. 57-36³
 militaris Varas 28-242³
 s.limbalis (s.str.)³
 v.spretæ Lec. 48-177³
 v.transversa Leng 02-131³
 Kan. Mo. D.C. N.J.
 s.awemeana Csy. 13-23³ Man.
 v.eldorensis Csy. 13-23³ Ore.
 s.auguralis Csy. 13-21³ Colo. N.M.
 inducta Csy. 13-22³
 ardelio Csy. 13-21³
 splendida Hentz 30-254^{3 4} N.C.-Ark.-
 discus Klug 34-23³ [Colo.-Neb.
 s.splendida (s.str.)
 v.cyanocephala Varas 29-239³
 Neb. Kan.
 amoena of Harris 11-8³
 s.denverensis Csy. 97-297³ Colo. Neb.
 graminea of Csy. 13-21³ [Kan.
 v.conquisita Csy. 14-357^{3 4} Neb.Colo.
 oreada Csy. 14-358^{3 4}
 plattensis Smyth 33-202^{3 4}
 v.pugetana Csy. 14-20³
 B.C.-Wash.-Mont.-Wyo.
 v.propinqua Knaus 22-194³ Nev.Cal.
 arida A. C. Davis 28-65³
 v.ludoviciana Leng 02-131³ Ark. La.
 decemnotata Say 17-19³ Alas.-Cal.-
 lantzi Harris 13-68³ [Alb.-Kan.
 albertina Csy. 13-24³
 * * *
 plutonica Csy. 97-296
 s.leachi Cazier 36-124 Cal.
 senilis Horn 66-395 Cal.
 exoleta Csy. 09-272⁵
 frosti Varas 27-174⁵

¹ Nunenmacher in litt.

² Darlington—35.

³ Nicolay in litt.

⁴ Nicolay—34.

⁵ Cazier—37.

- willistoni Lec. 79-507 Wyo.
 s.echo Csy. 97-298⁵ Ut. Cal. Nev.
amadensis Csy. 09-272⁵
 s.pseudosenilis W. Horn 00-117⁵ Cal. Nev.
 s.spaldingi Csy. 24-14⁵ Ut.
 fulgida Say 23-141 Neb.-N.M.-Wyo.
wallisi Calder 22-191⁵
azurea || Calder 22-62⁵
 s.westbournei Calder 22-62⁵ Man.
elegans || Calder 22-62⁵
 v.subnitens Calder 22-62⁵ Neb.
 s.pseudo-willistoni W.Horn 33-13⁶ Wy.
 parowana Wickh. 05-165 Ut. Wash.
remittens Csy. 24-14⁵
platti Cazier 37-161^{3 7} Cal.
 sexguttata Fabr. 75-226
 s.denikei Brown 34-22 Ont.
 politula Lec. 75-159
 s.lætipennis W.Horn 14-32⁸ Mex. Tex.
 viridisticta Bates 81-14
 s.arizonensis Bates 84-260⁹ Ariz. Mex.
 cursitans Lec. 57-60
alata Lilj. 32-215⁹
 pusilla Say 17-21
 s.lunalonga Schp. 83-122⁵
 v.wagneri Cazier 37-117⁵ Cal.
 californica Men. 44-52
 s.mojavi Cazier 37-116 Cal.
- guyoti Lec. 66-363 N.C.
 v.angelli Beut. 18-89¹²
 ridingsi Bland. 63-353
 s.ridingsi (s.str.)¹² Va. D.C.
 s.monongahelæ Leng. 17-36¹² Pa. Ten.
tenuiceps Csy. 20-173¹²
 vidua Dej. 26-12
 s.leonardi Harris 39-193¹² N.Allegh.
 s.vidua (s.str.)¹² Allegh.
unicolor Knoch 01-187¹²
 s.irregularis Beut. 03-513¹² N.C.
 SCAPHINOTUS (s.str.)¹²
 snowi Lec. 81-74 N.M.
 ræschkei VanD. 07-118 Ariz.
 fuchsi Ræsch. 07-570 Ariz.
 vandykei Ræsch. 07-136 Ariz.
 corvus Fall 10-89 Ariz.
 petersi Ræsch. 07-118 Ariz.
 mexicanus Bates 82-320 Ariz. Mex.
 kelloggi Dury 12-104 N.M.
 biedermanni Ræsch. 07-571 Ariz.
 elevatus Fabr. 87-198
 s.elevatus (s.str.)¹² E.U.S.
 s.tenebriocosus Ræsch. 07-119¹² E.U.S.
unicolor || Lec. 53-398¹²
heros Lec. 48-440¹²
 s.flammeus Hald. 44-54¹² S.U.S.
dilatatus Lec. 53-398¹² [C.U.S.
 s.floridanus Leng 15-564¹² Fla.
 coloradensis VanD. 07-141 Colo.
 unicolor Fabr. 87-198
 s.unicolor (s.str.)¹² C.U.S.
 s.heros Harris 39-196¹² O. Ind.
 s.shoemakeri Leng 14-143¹² D.C.

CARABIDÆ

- Trachypachus** Mots. 45-86
 (*Trachypachys* G. & H. 68-46)¹⁰
 (*Trachypachis* Lac. 54-47)¹⁰
 zetterstedti (Gyll.) 27-417 Holarctic
transversicollis Mots. 44-86¹⁰
laticollis Mots. 64-194¹⁰
inermis Mots. 64-194^{10 11}
holmbergi Mannh. 53-119¹⁰
oregonus Csy. 20-145¹⁰
specularis Csy. 20-146¹⁰

* * *

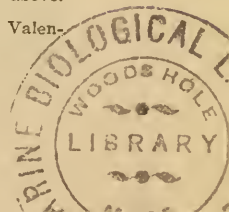
CYCHRINI¹²

- Scaphinotus** Latr. 22-87³
 IRICHROA Newm. 38-385
 (*Megaliridia* Csy. 20-175)¹²
 andrewsii Harris 39-195
 s.andrewsii Harr (s.str.)¹² N.C. Tenn.
 s.ænicollis Beut. 03-513¹² N.C. Tenn.
purpurata Beut. 18-89¹²
 v.tricarinata Csy. 14-25¹²
 s.violacea Lec. 63-4¹² Ga. N.C.
amplicollis Csy. 20-174¹²
 s.germari Chd. 61-495¹² Pa. Va. Tenn.
mutabilis Csy. 20-173¹²
longicollis Csy. 20-173¹²
modulata Csy. 20-174¹²

- Brennus** Mots. 65-311¹²
 * BRENNUS (s.str.)
 cordatus Lec. 53-399 Cal.
 v.vernicatus Csy. 20-183¹²
 v.rufitarsis Csy. 20-184¹²
 marginatus Fisch. 22-79
 s.marginatus (s.str.)¹² Alas. B.C. Wash.
 v.gracilis Gehin 85-76¹²
 v.insularis Csy. 97-334¹²
 v.cupripennis Csy. 97-334¹²
 v.confusus Csy. 97-336¹²
 v.wrangeli Csy. 20-182¹²
 s.fulleri Horn 78-178¹² Ore.
 v.fallax Ræsch. 07-174¹²
 v.montanicus Csy. 20-182¹²
 s.columbianus Csy. 20-180¹² B.C.
 s.oregonus Csy. 20-182¹² Ore.
 interruptus Men. 44-54
 s.interruptus (s. str.)¹² Cal.
sinuatus Csy. 97-330¹²
 s.compositus Csy. 97-332¹² Cal.
 s.constrictus Lec. 53-398¹² Cal.
interruptus Lec. 63-60¹²
dissolutus Csy. 97-329¹²
corpulentus Csy. 97-331¹²
parvulicollis Csy. 20-176¹²
 s.dissolutus Schaum 63-72¹² Cal.
porcatus Csy. 97-328¹²
 s.politus Csy. 97-330¹² Cal.
 s.montereyensis Csy. 20-177¹² Cal.
 s.procerus Csy. 20-179¹² Cal.

³ Nicolay in litt.⁵ Cazier—37.⁶ W. Horn—38.⁷ Cited as subspecies by Cazier—37.⁸ Benedict—34.⁹ W. Horn—35.¹⁰ Hatch—33.¹¹ Listed as valid by Csiki & Hetschko—33.¹² Revision of tribe, Vacher de Lapouge—32. Alternate arrangement of certain genera by Van Dyke and Valentine below.

- beringi Csy. 20-170 Alaska
 obliquus Lec. 68-51 Cal.
 convergens Csy. 97-326¹²
 opacicollis Csy. 97-326¹²
 sculptipennis Csy. 97-327¹²
 oreophilus Rivers 90-111 Cal.
 v.hoppingi Roesch. 07-183¹²
 v.riversi Roesch. 07-183¹²
 v.humeralis Csy. 14-30¹²
 ventricosus Dej. 31-527
 s.ventricosus (s.str.)¹² Cal.
 striatopunctatus Lec. 53-393¹²
 s.lativentris Mots. 50-358¹²
 strictus Csy. 97-321¹²
 ventricosus of Csy. 97-321¹²
 v.fuchsianus Rivers 90-71¹²
 s.crenatus Mots. 59-161¹² Cal.
 gentilis Csy. 97-322¹²
 v.striatus Lec. 59-69¹² Cal.
 productus Csy. 14-29¹²
 striatopunctatus Chd. 44-476 Cal.
 subdepressus Csy. 20-177¹²
 v.decipiens Csy. 97-316¹²
 v.alternatus Mots. 59-162¹²
 striatopunctatus of Csy. 97-314¹²
 ovalis of Csy. 97-315¹²
 v.ovalis Mots. 59-162¹²
 subtilis Schaum 63-78 Cal.
 punctatus Lec. 59-69 Cal.
 s.punctatus (s.str.)¹² Cal.
 gravidus Csy. 97-317¹²
 s.catenulatus Csy. 97-324¹² Cal.
 s.mimus Horn 73-182¹² Cal.
 rugiceps Horn 72-143 Ore.
 s.rugiceps (s.str.)¹²
 s.incipiens Csy. 97-313¹²
 s.congener Csy. 14-28¹²
 cristatus Harris 39-200 Ore. Cal.
 s.cristatus (s.str.)¹² Cal.
 s.reticulatus Mots. 50-90¹²
 cristatus of Lec. 68-60¹²
 duplicatus Csy. 97-312¹²
 basalis Csy. 97-311¹²
 PEMPHUS Mots. 65-312¹²
 angusticollis Fisch. 24-42 Alas.
 s.nigripennis Roesch. 07-167¹² [B.C.
 velutinus Lec. 68-60 (part)¹² Alas. B.C.
 s.angusticollis (s.str.)¹² Alas. B.C.
 debilis Dej. 31-526¹²
 s.longipes Csy. 97-339¹² Cal.
 s.velutinus Men. 44-53¹² Cal.
 opacus Csy. 99-97¹²
 NEOCYCHRUS Roesch. 07-193¹²
 angulatus Harris 39-200 B.C.-Ore.
 behrensi Roesch. 07-124 Cal.
- Cychnus** Fabr. 94-440¹²
 * *hemphillii* Horn 78-184
 s.rickseckeri Lec. 84-2¹² Mont. Ida.
 s.hemphillii (s.str.)¹² Ut. Wyo.
 tuberculatus Harris 39-200 Alas.-Cal.
 pustulosus Csy. 05-160¹²
- Sphaeroderus** Dej. 26-24¹²
 * *canadensis* Chd. 61-493 Can.-Car.
 palpatis Mots. 65-312¹²
 v.blanchardi Leng 16-41¹²
 stenostomus Weber 01-43
 s.stenostomus (s.str.)¹² Va. Pa. Ind.
 indianæ Blatch. 10-42¹²
- s.lecontei* Dej. 26-15¹² Can. N.Eng.
 stenostomus of Say 25-72¹²
 niagarensis Cast. 32-390¹²
 diffRACTUS Csy. 14-25¹²
 s.bicarınatus Lec. 53-399¹² Allegh.
 nitidicollis Chev. 29-24
 s.brevoorti Lec. 48-443¹² Can. L.Sup.
 granulosus Chd. 61-497¹²
 s.nitidicollis (s.str.)¹² New World
 s.schaumi Chd. 61-499¹² Ohio
 nitidicollis of Lec. 48-443¹²
 * * *
- Scaphinotus** Dej. 26-17
 * SCAPHINOTUS (s.str.)^{13 14}
 snowi Lec. 81-74 N.M. Colo. Ut. Ariz.
 v.parkeri VanD. 38-101¹⁴ Ariz.
 röschkei VanD. 07-135 Ariz.
 kelloggi Dury 12-104 N.M.
 vandykei Roesch. 07-136 Ariz.
 v.fuchsi Roesch. 07-570¹⁴ Ariz.
 grahami VanD. 38-107 Ariz.
 petersi Roesch. 07-137 Ariz.
 v.catalinæ VanD. 38-110¹⁴ Ariz.
 biedermanni Roesch. 07-571 Ariz.
 mexicanus Bates 82-320 Mex. Ariz.
 corvus Fall 10-89 Ariz.
 elevatus Fabr. 87-193 Fla.-N.Y.-Alb.-N.M.
 s.elevatus (s.str.)¹⁴ N.Y.-N.C.-Kan.
 s.flammeus Hald. 45-54¹⁴ O.-Ark.-Ia.
 dilatatus Lec. 53-398¹⁴
 s.tenebricosus Roesch. 07-141¹⁴ N.J.-
 tenebrosus of authors¹⁴ [S.C.
 unicolor || Lec. 53-398¹⁴
 heros !! Lec. 48-440¹⁴
 s.lengi VanD. 38-122¹⁴ Va.
 s.coloradensis VanD. 07-141¹⁴ Colo.-N.M.-Neb.
 s.neomexicanus VanD. 24-1¹⁴ N.M.
 unicolor Fabr. 87-198 Md.-Fla.-O.-Mo.
 s.unicolor (s.str.)¹⁴ Ala.
 s.shoemakeri Leng 14-143¹⁴ D.C. Md. Va. Ala.
 s.heros Harris 39-196¹⁶ O. Ind. Ky. Tenn. Mo.
 s.floridanus Leng 15-564¹⁴ (Fla.)
 * * *
- IRICHROA** Newm. 38-385^{13 15}
 viduus Dej. 26-12¹⁶ Atl.St.
STENIRIDIA Csy. 24-236¹⁵
 andrewsi Harris 39-195^{15 17}
 s.andrewsi (s.str.)^{15 17} N.C.
 s.montana Val. 35-350^{15 17} N.C.
 s.amplicollis Csy. 20-174¹⁷ N.C.
 reflexa Csy. 24-22^{15 17}
 s.parvitarisalis Val. 35-354^{15 17} Ga. Tenn. N.C.
 s.nantahalæ Val. 36-228¹⁷ N.C. S.C.
 s.saludæ Val. 36-229¹⁷ N.C.

¹³ See alternate arrangement by Lapouge, above.¹⁴ Revision of subgenus, Van Dyke—38.¹⁵ Arrangement of subgenera and species, Valentine—35.¹⁶ Leng Catalog.¹⁷ Revision of subspecies, Valentine—36.

- s.darlingtoni Val. 35-356^{15 17} Ten. N.C.
s.barksdalei Val. 36-230¹⁷ N.C.
s.germari Chd. 61-495^{15 17} Pa.-N.C.-Ky.
s.mutabilis Csy. 20-173¹⁷ Pa. W.Va.
longicollis Csy. 20-173¹⁷ [O. Ky.
modulata Csy. 20-174¹⁷
s.waldensia Val. 35-357^{15 17} Tenn.
violacea Lec. 63-4¹⁵
s.violacea (s.str.)¹⁵ Ga. N.C.
s.carolinæ Val. 35-358¹⁵ N.C.
æneicollis Beut. 03-513¹⁵ N.C.
tricarinata Csy. 14-25¹⁵ N.C. Tenn.
guyoti Lec. 66-363¹⁵ N.C. Va.
v.angelli Beut. 18-89¹⁵ N.C.
confusus Darl. 31-146¹⁵
lodingi Val. 35-364
s.lodingi (s.str.)¹⁵ Ala.
s.obscura Val. 35-366¹⁵ Ala.
ridingsi Bland 63-354
s.ridingsi (s.str.)¹⁵ Va.
s.monongahelæ Leng. 17-36¹⁵ Pa.
tenuiceps Csy. 20-172¹⁵
s.intermedia Val. 35-368¹⁵ Va.
* * *
- * **NOMARETUS** Lec. 53-399^{15 19}
bilobus Say 25-73 N.H. N.Y. Can. Mich.
liebecki VanD. 36-40 Tex.
fissicollis Lec. 53-399 Ill. Kan. Mo. Tex.
cavicollis Lec. 59-3 Kan.Ark.Mo.Tx.La.
* * *
- Pseudonomaretus** Roeschke 07-121¹⁹
* (*Maronetus* Csy. 14-30)¹⁹
merkei Horn 90-71²⁰ Ida.
idahoensis Webb. 01-133²⁰
relictus Horn 81-188²⁰ Ida. Wash.
v.regularis Lec. 85-2²⁰
imperfectus Horn 60-569²⁰ N.C. Pa.
hubbardi Schw. 95-272²⁰ N.C.
incompletus Schw. 95-271²⁰ Va.
debilis Lec. 53-399²⁰ Ga. Car.
v.alpinus Beut. 03-512²⁰ N.C.
schwarzi Beut. 13-139²¹ N.C.
- Neocyclus**
longiceps VanD. 24-5 (Brennus)²²
- Sphæroderus**¹⁹
canadensis Chd. 61-498
s.canadensis (s.str.)²³ Ont. H.B.T.
palpalis Mots. 65-312²³ [N.Eng.
blanchardi Leng. 16-41²³ [N.C.
s.lengi Darl. 33-63²³ N.C. Tenn.
- ¹⁵ Arrangement of subgenera and species, Valentine—35.
¹⁷ Revision of subspecies, Valentine—36.
¹⁸ Revision of subgenus, Van Dyke—36.
¹⁹ Listed as valid genus by Lapouge—32, with *Sphæroderus* (part) as synonym and subgenus *Pseudonomaretus* Reschke (*Maronetus* Csy.=).
²⁰ Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)
²¹ Listed as synonym by Nicolay & Weiss—34.
²² Van Dyke in litt.
²³ Darlington—33.
- GEHRINGIINI**
- Gehringia** Darl. 33-110
* *olympica* Darl. 33-111 Wash. Mont.
- CARABINI**
- Carabina*²⁴
- Carabus** Linn. 58-413
* (*hummei* Fisch., not *N. American*)²⁴
- CARABUS** (s.str.)²⁴
EUCARABUS Geh. 85-xxi²⁴
- chamissonis* Fisch. 20-88 Alas.-Greenl.-
brachyderus Wiedem.24-110²⁴ [N.H.
groenlandicus Dej. 31-554²⁴
washingtoni Csy. 20-155²⁴
vinctus Web. 01-42²⁵ N.Y.-Ga.-Ind.-Ont.
ligatus Germ. 24-6²⁴
interruptus Say 25-76²⁴
carinatus Dej. 26-79^{24 26}
georgiæ Csiki 27-185²⁴
limbatus Say 25-77²⁵ N.Y.-Ga.-Ill.-Ont.
goryi Dej. 31-544²⁴
mæander Fisch. 22-103²⁷ Sib. N.A.
incompletus Fisch. 27-303²⁴
ehrenbergi Fisch. 29-368²⁴
palustris Lec. 48-444²⁴
hudsonicus Mots. 65-293^{24 26}
lapilayi || Dohrn 78-362²⁴
simoni Heyd. 79-163^{24 26}
excatenatus Kr. 80-337²⁴
excostatus Kr. 80-338²⁴
obscuratus Geh. 85-26²⁴
lecontei Geh. 85-27²⁴
mongolicus Lap. 05-305²⁴
lecontei Angell 14-75²⁴
n.lapilayi Cast. 35-89^{24 26} Newf. St.P.
atlanticus Lap. 24-191²⁴ [& M.
ARCHICARABUS Seidl. 87-6^{24 29}
- nemoralis* Müll. 64-21³⁰
n.nemoralis (s.str.)²⁴
foetens Voet 78-71²¹
hortensis || Fabr. 75-237²⁴
nigrescens Letz. 50-85²⁴
virescens Letz. 50-85²⁴
tristis DallaT. 77-27²⁴
krasæ Roub. 03-380²⁴
brunnipes Lap. 08-19²⁴
deletus Lap. 08-20²⁴
canadensis Lap. 08-19^{24 28}
auratus Heuer 26-332²⁴
lestagei Basil 30-62²⁴
- ²⁴ Revision of subtribe, Breuning—32-37.
²⁵ Placed by Lapouge—32 in genus *Lichnocarabus* Reitt. 96-161. (Synonyms *Mesocarabus* Gehin 85-16 and *Limnocarabus* Gehin 85-27).
²⁶ Listed as subspecies by Lapouge—32.
²⁷ Placed in subgenus *Paracarabus* Lap. 32-630 by Lapouge—32.
²⁸ Listed as genus by Lapouge—32.
²⁹ Vacher de Lapouge—32 (Revision of part of tribe with arrangement differing from that of Breuning.)

OREOCARABUS Geh. 76-12²⁴OREOCARABUS (s.str.)²⁴tædatus Fabr. 87-196 Alas.-N.M.-Man.
s.tædatus (s.str.)²⁴*seriatus* Wied. 21-109²⁴*baccivorus* Fisch. 23-87²⁴*gladiator* Mots. 65-285²⁴*patulicollis* Csy. 13-57²⁴*franciscanus* Csy. 13-58²⁴*bicanaliceps* Csy. 20-154²⁴*stocktonensis* Csy. 20-155²⁴s.agassii Lec. 50-209²⁴ Ore.-N.M.-Man.*oregonensis* Lec. 54-16²⁴*gladiator* || Heyd. 79-161²⁴*canadicus* Roesch. 00-68²⁴*montanicus* Csy. 13-58²⁴s.coloradensis Breun. 33-719²⁴ Colo.DIOCARABUS Reitt. 96-185³²

lutshnikianus Basil. 37-63 Alaska

ORINOCARABUS Kr. 78-328²⁴truncaticollis Esch. 29-22³³ Alas., Sib.

s.alaskensis Basil. 37-63 Alaska

MESOCARABUS Thoms. 75-640²⁴

problematicus Hbst. 86-177

s.gallicus Geh. 85-15²⁴ Eur.Asia.Cal.n.gallicus (s.str.)²⁴*intricatus* || Oliv. 95-20²⁴*austriacus* Strm. 15-78²⁴*dissitus* Fisch. 27-170²⁴*californicus* Mots. 65-287²⁴*beauvoisi* Kr. 78-158²⁴*catenulatus* of authors²⁴*problematicus* Lap. 16-81²⁴*scandinavicus* Born. 26-65²⁴*cruris* Csiki 27-79²⁴*lhommei* Hoffm. 28-12²⁴HEMICARABUS Geh. 85-xix²⁴ 30³⁴HEMICARABUS (s.str.)²⁴serratus Say 25-77³⁰ Que.-Va.-N.M.-B.C.*lineatopunctatus* Dej. 26-77²⁴*ligatus* Kby. 37-18²⁴*canadensis* Melsh. 53-10²⁴*vegasensis* Csy. 13-59²⁴s.tatumi Mots. 65-293²⁴ H.B.T. Newf.EURYCARABUS Geh. 85-xxi²⁴TANAOCARABUS R. 96-135²⁴forreri Bates 82-320³⁵ Mex. Ariz.

sylvosus Say 25-75 Vt.-Fla.-Kan.

therminieri Dej. 26-151²⁴

finitimus Hald. 52-373 Ut.Tex.Okla.Ala.

lecontei Csy. 13-57²⁴*caseyi* Ang. 14-75²⁴PROCRUSTES Bon. 09-39²⁴MEGODONTES Sol. 48-58²⁴

vietinghoffi Ad. 12-170

s.vietinghoffi (s.str.)²⁴n.vietinghoffi (s.str.)²⁴ Sib. Alas.

[B.C. H.B.T.

(n.fulgidus Fisch., not N. Amer.)²⁴

Calosoma

* CALLITROPA Mots. 65-300³⁶

protractum Lec. 62-52

dolens Chd. 69-376³⁶

* * *

morrisoni Horn 85-128

Colo.

prominens Lec. 53-400

v.parvicolle Fall 10-90³⁶*clemens* Csy. 14-32³⁶*subgracile* Csy. 13-63³⁶*pertinax* Csy. 20-163³⁶

glabratum Dej. 31-565 S.Am. C.Am.

v.sponsum Csy. 97-340³⁶*eremicola* Fall 10-91³⁶*incertum* Lapouge 24-38³⁶*hospes* Csy. 13-63³⁶*parviceps* Csy. 97-341³⁶*rugosipenne* Schffr. 11-113³⁶PARACALOSOMA Br. 27-145³⁶palmeri Horn 76-199³⁶

* * *

affine Chd. 43-746

v.triste Lec. 44-201³⁶v.tristoides Fall 10-92³⁶

calida Fab. 75-237

v.stellata Csy. 97-344³⁶*concreta* Csy. 20-157³⁶

tepidum Lec. 49-199

pallax Csy. 20-160³⁶

cancellatum Esch. 29-23

Cal.

praestans Csy. 20-159³⁶*rectilatera* Csy. 20-158³⁶*sagax* Csy. 20-158³⁶*aenescens* Lec. 54-16³⁷

moniliatum Lec. 49-200

bicolor Walk. 66-313 (Carabus)³⁶*vancouverensis* Csiki 27-286[(Carabus)³⁶

Callisthenes

discors Lec. 57-31

v.dietzi Schffr. 04-197³⁶v.schæfferi Breun. 23-80³⁶*irregularis* || Schffr. 15-235³⁶

striatus Breun. 23-86

striatulus || Lec. 59-4³⁶

luxatus Say 23-149

klamathensis Csy. 20-169³⁶v.zimmermanni Lec. 49-445³⁶*parowanus* Csy. 20-167³⁶*debilis* Csy. 20-167³⁶*tegulatus* Csy. 13-72³⁶*viator* Csy. 13-72³⁶v.pimelioides Walk. 66-312³⁶*pustulosus* Csy. 13-73³⁶a.striatus Breun. 23-86³⁶*reflexus* Csy. 20-164³⁶*semotus* Csy. 20-166³⁶*utensis* Csy. 20-165³⁶a.subasperatus Schffr. 15-235³⁶³² Basilewsky—37.³³ Placed in Diocarabus by Basilewsky—37.³⁴ Reference given as 76-25 by Gehin.³⁵ Van Dyke—38.³⁶ Csiki and Hetschko—33.³⁷ Leng Catalog.

Elaphrus Fabr. 75-227

TRICHELAPHRUS Sem. 26-39
horni Csiki 27-420³⁰ Cal.
viridis Horn 78-52³⁶

Nebria Latr. 06-221

NEBRIA (s.str.)³⁷
crassicornis VanD. 25-121
meanyi VanD. 25-118
piperi VanD. 25-117
schwarzi VanD. 25-116

NEBRIOLA Dan. 03-164³⁸
lyelli VanD. 25-120
riversi VanD. 25-115
spatulata VanD. 25-119
kincaidi Schw. 00-525³⁸
columbiana Csy. 13-48^{38 39}
paradisi Darl. 31-24³⁸
kincaidi || Bänn. 25-264³⁸
vandykei | Darl. 30-104³⁸

Oxydrepanus Putz. 66-103

* *rufus* Putz. 46-564³⁹ Cuba, Fla.
brevicarinatus Putz. 46-571⁴⁹

Clivina

oregona Fall 22-164 (Dyschirius)⁴¹

Goniotropis Gray 32-273⁴²

* *parca* Lec. 84-2⁴³ Ariz.

Psydrus Lec.

* (*Monillipatrobus* Hatch 33-118)⁴⁴
piceus Lec. 46-154 Cal.-L.Sup.
punctatus Hatch 33-118⁴⁴

Bembidion

PLATAPHUS Mots. 64-184⁴⁵
planiusculum Mannh. 43-215
basicorne Notm. 20-185 (Microme-
 [lomalus])⁴⁵

nigrum Say 23-85⁴⁵
quadrulum Lec. 61-340⁴⁵
recticolle Lec. 63-19⁴⁵
concolor Kby. 37-54⁴⁵

EUPETEDROMUS Net. 11-190⁴⁵
lengi Notm. 19-98⁴⁵

PLATAPHODES Gglb. 92-152⁴⁵
kuprianovi Mannh. 43-217
bucolicum Csy. 18-34 (Trechone-
 [phra])⁴⁵

* * *

planum Hald. 43-303
vulsum Csy. 18-55⁴⁹
filicorne Csy. 18-56⁴⁹

³⁶ Csiki and Hetschko—33.

³⁷ Leng Catalog.

³⁸ Bänninger—33.

³⁹ Darlington—35.

⁴⁰ Csiki—Col. Cat. p. 92.

⁴¹ Fall in litt.

⁴² Listed as a valid genus by Csiki & Hetschko—33, but placed in tribe Ozanini rather than Panagælini as by Leng.

⁴³ Csiki & Hetschko—33.

⁴⁴ Hatch—35.

⁴⁵ Csiki—Col. Cat. p. 126.

⁴⁶ Nicolay & Weiss—34.

TRICHOPLATAPHUS Net. 14-

[51]⁴⁵
fugax Lec. 48-467⁴⁵
champlaini Csy. 18-56⁴⁵

* * *

grapei Gyll. 27-403⁴⁷ Greenl.
caducum Csy. 18-80
albidipenne Csy. 18-80⁴⁶
petulans Csy. 18-81⁴⁶
imperitum Csy. 18-81
prociduum Csy. 18-91⁴⁶
?simulator Csy. 18-93⁴⁶
FURCACAMPA Net. 31-153⁴⁵
affine Say 23-86 (Notaphus)⁴⁵

* * *

anguliferum Lec. 52-185 N.S.-N.Eng.-
habile Csy. 18-162⁴⁶ [B.C.-Cal.]

ANILLINI

*Anillina*⁴⁸

Anillinus Csy. 18-167

* (*Anillaspis* Csy. 18-168)⁴⁸
explanatus Horn 88-26 Cal.
debilis Lec. 53-397 Cal. Tex.
fortis Horn 68-127 D.C.-Ga.-Tenn.
carolinae Csy. 18-168⁴⁸
dohrni Ehlers 84-36 Fla.
affabilis Brues 02-361 Tex.

* * *

Tachys

nanus Gyll. 10-39
inornatus Say 23-83⁴⁵
rivularis Mots. 50-3⁴⁵

PATROBINI⁴⁹

Patroboidea VanD. 25-67
 * *rufa* VanD. 25-69 Alas.-Wash.

Platypatrobus Darl. 33-146
 * *lacustris* Darl. 33-146 L.Sup.

Diplous Mots. 50-10

* (*Platidius* Chd. 71-51)⁵⁰
californicus Mots. 59-123 Cal.-Mont.-
trochanterinus Lec. 69-375⁴⁹ [B.C.]
latipennis Csy. 18-399⁴⁹
incisus Csy. 18-399⁴⁹
stremus Csy. 18-400⁴⁹
rectus Csy. 18-400⁴⁹
sierranus Csy. 18-401⁴⁹
breviusculus Csy. 18-401⁴⁹
aterrimus Dej. 28-32 Alas.-Ore.-Colo.
fulcratus Dej. 69-374⁴⁹
breviceps Csy. 18-402⁴⁹
tenitarsis Csy. 18-403⁴⁹
coloradensis Csy. 18-403⁴⁹
reflexus Csy. 18-403⁴⁹

⁴⁷ Cited as valid by Henriksen—35.

⁴⁸ Revision of subtribe, Jeannel—37.

⁴⁹ Revision of tribe, Darlington—33.

⁵⁰ Csiki—Col. Cat. p. 93.

- filicornis* Csy. 18-40 Cal.-B.C.
aterrimus of Horn (part)⁴⁹
rugicollis Rand. 38-560 N.E.N.A.
angicollis Rand. 38-1 (missprint)⁴⁹
longipalpis Notm. 19-231⁴⁹
- Patrobus** Dej. 21-10
 * **NEOPATROBUS** Darl. 34-155
longicornis Say 25-40 Newf.-B.C.-Fla.-
americanus Dej. 28-34⁴⁹ [Ariz.]
lecontei Chd. 71-47
s.lecontei (s.str.)⁴⁹ Colo.Alb.L.Sup.
rufipes || Lec. 63-18⁴⁹ [H.B.T.]
septentrionis Horn 75-130 (part)⁴⁹
canadensis Csy. 24-67⁴⁹
s.gravidus Darl. 38-159⁴⁹ Newf.
fossifrons Esch. 23-104
s.fossifrons (s.str.)⁴⁹ Alaska
longiventris Mannh. 53-145⁴⁹
fulvus Mannh. 53-145⁴⁹
latusculus Chd. 71-46⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
s.dimorphicus Darl. 38-161 Alas.-Cal.-
 [Colo.]
s.stygius Chd. 71-46⁴⁹ Alas.-B.C.-
 [Lab.-Newf.]
tenuis || Csy. 20-186 (not 1918)⁴⁹
PATROBUS (s.str.)
septentrionis Dej. 28-29 Eur. Sib. Alas.-
fossor || O. Fab. 80-190⁴⁹ [Newf.]
hyperboreus Dej. 28-30⁴⁹
fossifrons || Chd. 71-44⁴⁹
labradorinus Csy. 18-395⁴⁹
minuens Csy. 18-396⁴⁹
tenuis || Csy. 18-396 (not Csy. 1920)⁴⁹
tritus Csy. 20-186⁴⁹
- GEOPATROBUS** Darl. 38-157
foveocollis Esch. 23-105
s.foveocollis (s.str.)⁴⁹ Alaska
fossifrons Dej. 28-31⁴⁹
foveicollis Chd. 71-45 (part)⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
s.tenuis Lec. 50-207⁴⁹ Alas.-Colo.-Lab.-
angusticollis Mannh. 53-146⁴⁹ [N.Y.]
foveicollis Chd. 71-45 (part)⁴⁹
tenuis Chd. 71-46
obtusiusculus Chd. 71-43⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
laeviceps Csy. 18-397⁴⁹
insularis Csy. 18-397⁴⁹
- * * *
- Trechus** Clairv. 06-22
TRECHUS (s.str.)
obtusus Er. 37-122⁵¹ Eur. Wash.
quadristriatus || Duft. 12-185⁵⁰
tristis || Steph. 27-170⁵⁰
 ? *laevis* Steph. 32-384⁵⁰
castanopterus Heer 41-120⁵⁰
chalybæus Dej. 31-17
v.brachyderus Jeann. 31-432⁵² Mt.Wy.
v.californicus Mots. 45-347⁵² Alas.-Ore.
v.tahoensis Csy. 18-407⁵² Cal. Nev.
- coloradensis* Schffr. 15-48
v.arcticollis Jeann. 31-428⁵² Ida.
v.gravidulus Jeann. 31-429⁵² N.M.
ovipennis Mots. 45-348
v.conformis Jeann. 27-188⁵²
- Lasiotrechus** Ganglb. 92-187
 * (*Blemus* || Redt. 58-67)⁵⁰
discus Fabr. 01-207^{53 54} Eur. Asia, Que.
- PTEROSTICHINI**
- Stereocerus** Kby. 37-34⁵⁵
Cylindrocharis Csy. 18-326
 * *grandiceps* Lec. 48-336 Tenn.N.C. Ga.
rostrata of Csy. 18-327⁵⁶
rostrata Newm. 38-387 Me.-Tenn.
sulcatula Csy. 18-327⁵⁶
piceata Csy. 18-327⁵⁶
- Pterostichus**
 * **ORSONJOHNSONUS** Htch 33-119
johnsoni Ulke 89-59⁵¹ Ore. Wash.
OMASEUS Steph. 28-67
vulgaris Linn. 58-415 Eur. B.C.-Ore.
melanarius Ill. 98-163^{51 57 58}
 * **HYPHERPES** Chd. 38-8⁵⁰
tuberculo-femoratus Hatch 36-701 Ore.
castaneus Dej. 28-326 Alas.-Ore.
novellus Csy. 13-102 B.C.-Cal.
metlakatlæ Csy. 13-102 B.C.
terraccensis Csy. 24-68 B.C.
stoicus Csy. 24-68 B.C.
amethystinus Mannh. 43-201 Alas.-Cal.
scutellaris Lec. 73-312 Cal.
ecarinatus Hatch 36-702 Ida. Wash.
- * * *
- * **LEPTOFERONIA** Csy. 18-336⁵⁹
oregonus Csiki 30-582 Wash. Ore.
longicollis Lec. 52-239⁵⁹
infernalis Hatch 36-705 Ore.
fenyesi Csiki 30-582 Cal.-Ore.
ovicollis Schffr. 10-393⁵⁹
sphodrinus Lec. 63-10 Ida. Wash.
fuchsi Schffr. 10-392 Cal.
fugiens Csiki 30-582
fugax Csy. 18-337⁵⁹
larvalis Csy. 18-337⁵⁹
humilis Csy. 13-128⁵⁹
horni Lec. 73-313 Cal.
idahoensis Hatch 36-706 Ida.
angustus Dej. 28-328 Cal.
crucialis Csy. 13-126⁵⁹
inanis Horn 91-32 Wash.-Cal.-Nev.
idahoæ Csiki 30-582 Ida.
elongatus || Schffr. 10-365⁵⁹
beyeri VanD. 25-71 Mont.

⁵¹ Hatch—33.⁵² Csiki—Col. Cat. p. 126.⁵³ Chagnon—34.⁵⁴ Chagnon—35.⁵⁵ Transferred from Amarini by Leech—35.⁵⁶ Nicolay & Weiss—34.⁵⁷ Numerous other synonyms listed in Csiki—Col. Cat. p. 112.⁵⁸ Leech—35.⁵⁹ Revision of subgenus, Hatch—36.

- termitiformis VanD. 25-74 Ore.
 falli VanD. 25-73 Cal.
 caligans Horn 91-33 Cal.
 ITHYTOLUS Bates 84-277
 arizonicus Schffr. 10-393⁶⁰
- Anilloferonia** VanD. 26-115
 * testacea VanD. 26-116 Wash.
 lanei Hatch 35-116 Ore.
- Euferonia** Csy. 18-365⁶¹
 * iripennis Nic. & Weiss 34-200 S.C.
 stygica Say 25-41 Ont.-N.C.-La.-Ia.
bisigillatus Harris 23-123⁶¹
rugicollis Hald. 43-300⁶¹
picipes Newm. 38-377⁶¹
quadrifera Csy. 18-366⁶¹
proba Csy. 13-133⁶¹
ingens Csy. 18-367⁶¹
umbonata Csy. 18-368⁶¹
subaequalis Csy. 18-368⁶¹
 v.vapida Csy. 13-134⁶¹ N.H.-N.Y.
 lachrymosa Newm. 38-386 Me.-N.C.-O.
 washingtonensis Nic.&Weiss 34-203 N.H.
 v.rufitarsis Nic.&Weiss 34-204⁶¹ N.C.
 coracina Newm. 38-386 Newf.-Va.-
moerens Newm. 38-387⁶¹ [L.Sup.
adjuncta Lec. 52-245⁶¹
venator Csy. 20-189⁶¹
lacustris Csy. 24-71⁶¹
 v.roanica Csy. 20-188⁶¹ Md.-N.C.-Ky.
strigosula Csy. 24-72⁶¹
 v.erebea Csy. 13-134⁶¹ Me.-Pa.-Wis.
ludibunda Csy. 20-189⁶¹
 relicta Newm. 38-387 N.Y.-N.C.-L.Sup.
protensa Lec. 63-12⁶¹ (not La.)
flebilis Lec. 52-245 L.Sup.
- Cryobius** Chd. 38-11⁶²
 mandibularis Kby. 37-31 Arctic N.A.
 arcticola Chd. 68-339⁶³
 hudsonicus Lec. 63-11 (Pterost.)⁶³
- Melanius** Bon. 10-tab. syn. ^{61 62}
 * (*Omascus* Leng, not Steph.)⁶¹
 ebeninus Dej. 28-307 N.Y.-Fla.-Tex.
acutangulus Chd. 43-771⁶¹
 caudalis Say 23-56 N.J.-Va.-Ore.
nigrita Kby. 37-32⁶¹
agrestis Bland. 65-381⁶¹
brevibasis Csy. 24-73⁶¹
 luctuosus Dej. 28-284 Newf.-Va.-Ill.
abjectus Lec. 52-243⁶¹
hamatus Harr. 28-123⁶¹
confluens Csy. 24-73⁶¹
testaceus Csy. 24-74⁶¹
 v.tenuis Csy. 24-73⁶¹
 corvinus Dej. 28-281 N.Y.-Ga.-L.Sup.
subpunctatus Harr. 28-123⁶¹
tenebrosus Chd. 37-30⁶¹
aequalis Csy. 24-72⁶¹
- Ore.** **Dysidius** Chd. 38-8⁶¹
 Cal. * *purpuratus* Lec. 52-242⁶⁴ N.J.-Va.-Ill.
 Cal. ?*parallelus* Mots. 59-147⁶¹
ohionis Csiki 30-638⁶¹
trinarius Csy. 18-377⁶¹
 mutus Say 23-44 N.E.U.S.
carbonarius Dej. 28-283⁶¹
morosus Dej. 28-283⁶¹
picicornis Kby. 37-33⁶¹
pulvinatus Hausen 91-253⁶¹
stenops Hausen 91-252⁶¹
 v.egens Csy. 24-74⁶¹ N.J. E.U.S.
- Loxandrus**
 infimus Bates 82-87⁶⁵ Gua. Mex. Tex.
- Amara**
 CURTONOTUS Steph. 23-138
 aulica Panz. 97-3⁶⁶ Eur. Asia, N.S.
 AMARA (s.str.)
 familiaris Duft. 12-119⁶⁷ Eur. N.Eng.
humilis Csy. 18-302⁶⁷
 ænea DeG. 74-98⁶⁷ Eur. N.Eng.
devincta Csy. 18-307⁶⁸
- Platynus** Bon. 09.⁶⁹
 LEUCAGONUM Csy. 20-99⁶⁹
 AGONUM Bon. 09-tab. syn.^{69 70}
 pallipes Fabr. 01-187⁷⁰
limbatus Say 23-49^{70 71}
 MELANAGONUM Csy. 20-111⁶⁹
 PARAGONUM Csy. 20-123⁶⁹
 belleri Hatch 33-120⁶⁹ Wash.
 * * *
 (*obscurus* Hbst. 84-139, not N. Amer.)⁶⁹
 OXYPSELAPHUS Chd. 43-415⁶⁹
 pusillus Lec. 54-39 Wash.-Can.-N.Y.
americanus || Lec. 48-256⁶⁹
oblongus || Ham. 83-61⁶⁹
obscurus || Ham. 94-354⁶⁹
- Colpodes**
 falli Darl. 36-152 Ariz.
- Lachnophorus** Dej. 31-28⁷²
 * ARETAONUS Liebke 36-461⁷³
 elegantulus Mannh. 43-215 Cal.-Tx.-C.R.
mediosignatus Mén. 44-62⁷³
 sculptifrons Bates 78-604⁷³ Tx.-Mx.-Nic.
 COLLIURINI⁷⁴
- ⁶⁴ This name was invalidated (according to some interpretations of the Rules) by being at one time transferred to Pterostichus where there is an older use of the name.
⁶⁵ Darlington—33.
⁶⁶ Fall—34.
⁶⁷ Darlington—36.
⁶⁸ Also numerous other synonyms in Csiki—Col. Cat. p. 104.
⁶⁹ Rearrangement of subgenera, Hatch—33.
⁷⁰ Buchanan—39 (cites Agonum as genus).
⁷¹ Fall—33.
⁷² Revision of genus, Liebke—36.
⁷³ Leng Catalog.
⁷⁴ Revision of tribe, Liebke—37.
- ⁶⁰ Placed in Leptoferonia by Hatch—36, but transferred here by Darlington—36.
⁶¹ Revision of genus, Nicolay & Weiss—34.
⁶² As subgenus of Pterostichus by Csiki—Col. Cal. p. 112.
⁶³ Brown—37.

- Colliuris* DeG. 74-79⁷⁴
- * *ODACANTHELLA* Lbk. 30-658⁷⁴
pennsylvanica Linn. 58-620 U.S.
lengi Schffr. 10-395 Ariz.
- CALOCOLLIURIS* Lbk. 37-55⁷⁴
ludoviciana Sallé 49-297 Fla.-La.-Yuc.
- Calybe* Cast. 34-92⁷⁴
- * *EGA* Cast. 34-93⁷⁴
sallei Chevr. 39-308 Fla.-La.-Nic.
lætula Lec. 49-173 Colo.-Mex.-Gua.
- Leptotrachelus* Latr. 29-371⁷⁴
- * *pallidulus* Mots. 64-218 Tex.
dorsalis Fabr. 01-229 U.S. Mex. Cuba
depressus Blatch. 23-15 Fla.
- Comstockia* VanD. 18-179⁷⁴
- * *subterranea* VanD. 18-182 Tex.
- * * *
- Zuphium* Latr. 06-198⁷³
- * *magnum* Schffr. 10-396 Tex.
longicollis Lec. 79-62 Tex. Mex.
delectum Lbke. 33-469 Mass.
americanum Dej. 31-298 U.S.
mexicanum Chd. 62-314 Ariz. Mx.-C.R.
- Pseudaptinus* Cast. 35-50⁷⁶
- * *PSEUDAPTINUS* (s.str.)⁷⁶
lecontei Dej. 31-301 Fla. Ga. La.
tenuicornis Chd. 72-6 Tex. Mex.
tenuicollis Lec. 49-173 Cal. Tex.
- THALPIUS* Lec. 51-174⁷⁶
pygmæus Dej. 26-460 Fla. La. Cuba
högei Bates 82-77 Tex. Mex.
horni Chd. 72-3 Cal.
rufulus Lec. 49-173 Cal.
- * * *
- dorsalis* Brullé 34-181⁷⁷ D.C. Fla. La.
cubanus Chd. 62-252⁷⁸ Fla. Cuba
- Brachynus*
- BRACHYNUS* (s.str.)⁷⁹
affinis Lec. 48-204⁷⁹ Ind.
alternans Dej. 25-316⁷⁹ Ind.
alternans || Lec. 48-198⁷⁹ U.S.
americanus Lec. 44-48⁷⁹ Ind.Fla.
ballistarius Lec. 48-199⁷⁹ N.Y.Ind.N.M.
carinulatus Mots. 59-139⁷⁹ Cal.Ariz.Mx.
glabripennis Lec. 58-28⁷⁹
cinctipennis Chev. 34-163⁷⁹ Ar.N.M.Mx.
conformis Dej. 31-427⁷⁹ U.S.
patruelis Lec. 44-50⁷⁹
cordicollis Dej. 26-466⁷⁹ U.S.
velox Lec. 48-206⁷⁹
conformis || Lec. 79
?cephalotes Dej. 25-317⁷⁹
- costipennis* Mots. 59-138⁷⁹ Ariz.Cal.
lecontei Mots. 59-39⁷⁹
cyanipennis Say. 23-143⁷⁹ Fla.Ind.
- deyrollei* Laf. 41-42⁷⁹ Tex.Ind.
strenuus Lec. 44-48⁷⁹
a.tormentarius Lec. 48-200⁷⁹ S.St.
 [W.St.]
distinguendus Chd. 68-287⁷⁹ N.A.
fidelis Lec. 62-524⁷⁹ Cal.-N.M.
fumans Fab. 81-307⁷⁹ N.Y.-Fla.
librator Dej. 31-425⁷⁹
cyanopterus Lec. 44-49⁷⁹
perplexus || Lec. 48-203⁷⁹
sufflans Lec. 48-204⁷⁹
a.similis Lec. 48-199⁷⁹ N.Y.
gracilis || Blatch. 10-160⁷⁹ Ind.
janthinipennis Dej. 31-412⁷⁹ U.S.
kansanus Lec. 62-524⁷⁹ Kans.Ariz.
lateralis Dej. 31-424⁷⁹ U.S. C.A. S.A.
leptocerus Chd. 68-296⁷⁹ N.A.
leucoloma Chd. 68-301⁷⁹ Cal.
limbiger Chd. 76-81⁷⁹ Cal. Mex.-S.A.
medius Harris 28-117⁷⁹ N.Eng. Ind.
minutus Harris 28-117⁷⁹ N.Y. Ind.
pumilio Lec. 48-208⁷⁹
ovipennis Lec. 62-525⁷⁹ U.S.
cephalotes || Lec. 48-205⁷⁹
phæocerus Chd. 68-300⁷⁹ N.A.
puberulus Chd. 68-294⁷⁹ Fla.
pulchellus Blatch. 10-161⁷⁹ Ind. Fla.
quadripennis Dej. 25-316⁷⁹ S.St. W.St.
neglectus Lec. 44-49⁷⁹
rejectus Lec. 62-525⁷⁹ M.St. W.St.
cordicollis || Lec. 48-206⁷⁹
rugipennis Chd. 68-297⁷⁹ U.S.
stenomus Chd. 68-291⁷⁹ U.S.
stygiicornis Say 34-415⁷⁹ Kan. Fla.
oxygonus Chd. 43-714⁷⁹
sublævis Chd. 68-293 U.S.
tenuicollis Lec. 44-49⁷⁹ U.S.
texanus Chd. 68-299 U.S.
tschernikhi Mannh. 43-184⁷⁹
puncticollis Lec. 58-28⁷⁹
viridipennis Dej. 31-426⁷⁹ U.S.
viridis Lec. 44-49⁷⁹
lecontei Lec. 44-49⁷⁹
a.perplexus Dej. 31-426⁷⁹ U.S.
- * * *
- Miscodera* Esch. 30-63⁸⁰
- * *insignis* Mannh. 52-296 Alas. Wash.
arctica Payk. 00-85 Eur. Sib.
s.erythropus Mots. 44-75⁸⁰ Sib. Alas.-
americanus Mann. 53-134⁸⁰ [N.Y.
hardyi Chd. 61-525⁸⁰
- * * *
- Chlaenius*
- crestonensis* Brown 33-43 B.C.
leucocells Chev. 34-71
s.leucoscelis (s.str.)⁸¹ Wash.-Colo.-
monachus Lec. 51-180⁸¹ [Guat.
chlorophanus || Lec. 48-435⁸²
s.cordicollis Kby. 37-22⁸¹
 [E.Can.-L.Sup. Va.

⁷⁵ Revision of genus, Liebke—33.⁷⁶ Revision of genus, Liebke—34.⁷⁷ Leng Catalog.⁷⁸ Darlington—35.⁷⁹ Synonymy revised by Csiki—33.⁸⁰ Revision of genus, Hatch—33.⁸¹ Darlington—34.⁸² Csiki—31.

Selenophorus

- discopunctatus Dej. 29-92 S.A. W.I. Fla.
chokoloskei Leng. 15-596⁸³
cuprinus Dej. 29-96⁸⁴
harpaloides Reiche 43-142⁸⁴
aeratus Reiche 43-142⁸⁴

Stenomorphus Dej. 31-696⁸⁵

- * (*Agaosoma* Mén. 44-63)⁸⁵
convexior Notm. 22-103 Ariz. Mex.
californicus Mén. 44-63 Kan.-Mex.-
rufipes Lec. 59-59⁸⁵ [Cal.-L.Cal.
batesi Csy. 14-168⁸⁵
scolopax Csy. 14-169⁸⁵
arcuatus Csy. 24-122⁸⁵
parallelus Csy. 24-122⁸⁵

* * *

Agonoderus

- lecontei Chd. 68-14
pallipes of authors (not Fab.)⁸⁶ 87

Pseudomorpha Kby. 25-98⁸⁸

- * (*Heteromorpha* Kby. 25-109)⁸⁸
(*Axinophorus* Dej. & Bois. 29-60)⁸⁸
(*Drepamus* Dej. 31-434)⁸⁸
alutacea Notm. 25-17 N.M.
angustata Horn 83-274 Ariz. N.M.
behrensi Horn 70-76 Cal. Mex.
castanea Csy. 09-278 Ut. Cal.
champlaini Notm. 25-20 Ariz. Cal.
consanguinea Notm. 25-13 Cal. Ariz.
cronkhitei Horn 67-151 Cal.
cylindrica Csy. 89-40 Tex.
excrucians Kby. 25-101 Ga. La. Ala.
lecontei Dej. & Bois. 29-176⁸⁸
falli Notm. 25-15 Cal.
hubbardi Notm. 25-15 Ariz.
ruficollis Csy. 24-148 La.
schwarzi Notm. 25-21 Ariz.
tenebroides Notm. 25-16 Ariz.
vandykei Notm. 25-18 Ariz.
vicina Notm. 25-17 Cal.
vindicata Notm. 25-19 Utah

HALIPLIDÆ**Haliphus** Latr. 02-77¹

- * HALIPLUS (s.str.)¹
strigatus Robts. 13-110 Man.-B.C.-Wyo.
robertsi Zimm. 24-73 Colo.-B.C.-Cal.
pallidus || Robts. 13-109¹
dorsomaculatus Zimm. 24-75 Cal. Colo.
distinctus Wallis 32-17 B.C.
hoppingi Wallis 32-19 B.C.
longulus Lec. 50-211 N.A.

⁸³ Darlington—35.⁸⁴ Csiki—32.⁸⁵ Revision of genus, Darlington—36.⁸⁶ Buchanan—39.⁸⁷ Fall—33.⁸⁸ Csiki—33.¹ Revision of genus, Wallis—32.

- immaculicollis Harr. 28-164 N.A.
americanus Aube 38-26¹
impressus Kby. 37-65¹
ruficollis || Cr. 73-385¹
blanchardi Robts. 13-108 Ct.-Minn.-La.
PARALIAPHLUS Guignot 28-138¹
borealis Lec. 50-212 L.Sup. Minn. Man.
lewisii Cr. 73-384 Tex.
ohioensis Wallis 32-27 O. Ill.
minor Zimm. 24-192 Tex.
annulatus Robts. 13-107 Fla. S.C.
confluentus Robts. 13-106 Fla. S.C.
triopsis Say 25-106 N.Eng.Fla.N.M.Ont.
pantherinus Aube 38-29 E.N.A.Minn.La.
deceptus Math. 12-166 Tex. N.M.
suturalis Robts. 13-96¹
punctatus Aube 38-32 Fla.-Tex.
mutchleri Wallis 32-38 Fla.
leopardus Robts. 13-98 Mass.-S.C.
pseudofasciatus Wallis 32-41 S.C. Kan.
* LIAPHLUS Guignot 28-138¹
fasciatus Aube 38-30 N.Eng.-S.C.-Kan.
connexus Math. 12-164 N.S.-Mass.-Minn.
mimeticus Math. 12-168 Pac.Cst. Mex.
rugosus Robts. 13-102 Cal.
apostolicus Wallis 32-46 Minn.
cribrarius Lec. 50-202 Lab.-Vt.-Minn.
canadensis Wallis 32-51 Mass.-B.C.
nitens Lec. 50-212 Mich.-Wis.-Tex.
subguttatus Robts. 13-101 N.S.-N.Eng.-
[B.C.
salinarius Wallis 32-56 B.C.
vancouverensis Math. 12-163 B.C.
salmo Wallis 32-61 Alb.
leechi Wallis 32-63 B.C.
columbiensis Wallis 32-66 B.C.
ungularis Wallis 32-68 B.C.
gracilis Robts. 13-102 Ore. Cal.
cylindricus Robts. 13-102 Cal.
tumidus Lec. 80-166 Tex. Cal.
concolo Lec. 52-201 Cal.

DYTISCIDÆ**Hygrotus** Steph. 28-46²COELAMBUS Thoms. 60-13²

curvipes Leech 38-84 Cal.

Hydroporus Clairv. 06-182³HYDROPORUS (s.str.)³HETEROSTERNUS Zimm.³DERONECTES Shp.^{3 4}brodei Gellerm. 28-63⁵STICTOTARSUS Zimm.³POTAMONECTES Zimm.³(Potamodytes Zimm.)³(Deronectes of Fall)³

mathiasi Hatch 33-22 Wash.

² Balfour-Browne—34.³ Rearrangement of subgenera, Hatch—33.⁴ Treated as valid by Balfour-Browne—34.⁵ Hatch—33.

- * **OREODYTES** Seidl.⁶
scitulus Lec. 55-295 B.C.-N.Y.-Newf.
bisulcatus Fall 23-115 Cal.
crassulus Fall 23-119 Mont. Ut. Wash.
obesus Lec. 66-365 Cal.-B.C.
angustior Hatch 28-221 Wash.
congruus Lec. 78-452 N.M.-Mont.-B.C.
abbreviatus Fall 23-117 Cal. Wash.
picturatus Horn 83-283 Nev. Cal.
subrotundus Fall 23-118 Cal. Wash.
snoqualmie Hatch 33-26 Wash.
hortense Hatch 33-27 B.C. Wash.
lævis Kby. 37-67 L.Sup. H.B.T.
duodecimlineatus Lec. 50-214⁶
semiclarus Fall 23-113 Cal. Y.T. Colo.
yukonensis Fall 26-138⁶
recticollis of Hatch⁶
recticollis Fall 26-140 Alaska
alaskanus Fall 26-139 Alaska
rainieri Hatch 28-220 Wash.
kincaidi Hatch 28-221⁶
GRAPTODYTES Seidl.³
STICTONOTUS Zimm.³
NEBRIOPORUS Reg.³
* * *
- barbarensis* Wallis 33-262 Cal.
planiusculus Fall 23-58 Que. B.C.
brumalis Brown 30-235⁷
compertus Brown 32-4⁷
falsificus Brown 33-44⁷
lappinum Gyll. 08-532⁸
[Alas.-Man. Eur. Sib.
melanocephalus Marsh 02-423⁹ Eur. Sib.
[Alas.-L.Sup.-Greenl.
morio Gemm. & Har. 68-437⁹
browni Wallis 33-261 Wash.
edwardsi Wallis 33-261 Wash.
- Agaporus** Zimm. 19-147
latens Fall 37-10 N.H. Mass. N.Y.
- Agabus**
GAURODYTES Thoms. 60-57¹⁰
falli Guignot 35-38
sharpi || Fall 22-19^{10 11}
ERIGLENUS Thoms. 60-55¹²
hudsonicus Leech 38-123 Man.
* * *
- colymbus* Leech 38-125 Man.
browni Leech 38-126 Man.
pseudoconfertus Wallis 26-90¹³
gelidus || Fall 26-142^{14 13}
kenaiensis Fall 26-141 Alas. Man.
palustris Wallis 26-92⁷
vancouverensis Leech 37-146 B.C. Wash.
irregularis Mannh. 53-159¹⁴ Alaska
hypomelas Mannh. 43-221¹⁴ Alas.-Wash.
audeni Wallis 33-270 B.C.
minnesotensis Wallis 33-268 Minn.
- ⁶ Revision of subgenus, Hatch—33.
⁷ Fall—34.
⁸ Possibly subsp. *labradorensis* Fall, Brown—37.
⁹ Brown—37, ascribes these names to Gyll. & Aube respectively.
¹⁰ Guignot—35.
¹¹ Fall in litt.
¹² Leech—38.
¹³ Synonymy reversed by Fall—34.
¹⁴ Leech—37.
- Ilybius**
denikei Wallis 33-271 Ont.
- Copelatus** Er. 32-38
(*LIOPTERUS* Steph. 35-393)¹⁵
- Rantus** Bois. & Lac. 35-309^{16 17 18}
(*RHANTUS* of authors)^{16 17 18}
maculicollis Aube 38-245^{10 19} N.A.
hoppingi Wallis 33-272 B.C. Cal. Wash.
binotatus Harr. 28-164²⁰ N.A. C.A.
gutticollis Say 34-442²⁰ Ariz.
suturellus Harris 28-164²⁰ Eur. Sib. N.A.
subopacus Menetr. 06-175²⁰
zimmermanni Wallis 33-274 Man. Que.
[B.C.
bistriatus of authors (not Bergst.)²⁰
- Hoperius** Fall 27-177^{21 11}
* *planatus* Fall 27-178^{21 11} Ark.
- Dyticus** Linn. 58-411²²
(*DYTISCUS* of authors)²²
habilis Say 34-441²³ Mex. Tex.
- Hydaticus**
modestus Shp. 82-650 N.A.
americanus Shp. 82-654¹⁷
stagnalis of authors (not Fab.)¹⁷
(*laevipennis* Thoms., not *N. Amer.*)¹⁷
cinctipennis Aubé 38-191¹⁷
- Graphoderus** Dej. 33-54^{24 25 26}
* (*GRAPHODERES* Thoms. 60-38)²⁴
liberus Say 25-160²⁵ Mich.-Mass.-Fla.
rugicollis Kby. 37-73²⁵
brunnipennis Aube 38-203²⁵
thoracicus Harris 28-156²⁵
fasciatocollis Harris 28-156²⁵ B.C.-Mass.
cinereus Horn (not Linn.)²⁵
perplexus Shp. 82-695²⁵ N.A.
elatus Shp. 82-695²⁵
cinereus of authors (not Linn.)²⁵
zonatus Zimm. (not Hoppe)²⁵
manitobensis Wallis 33-276²⁵ Man.
occidentalis Horn 83-281²⁵ Cal.
austriacus Zimm. (not Sturm.)²⁵
- ¹⁵ Mequignon—37, may be subgenus; proper date is 1835 in spite of statement to contrary by Strand.
¹⁶ Balfour-Browne—35.
¹⁷ Wallis in litt.
¹⁸ Compiler is of opinion that the Rules amply justify the change of spelling to *Rhantus*; see remarks elsewhere.
¹⁹ Hatch—28.
²⁰ Wallis—33.
²¹ Leech in litt.
²² Balfour-Browne—35, gives this as proper synonymy but does not accept it because the change was made four years late by another writer!
²³ Darlington—38.
²⁴ These names are reversed by Balfour-Browne—35, but *Graphoderus* was amply validated by Dejean in 1833.
²⁵ Revision of genus, Wallis in litt.
²⁶ Credited by Guignot—31 and Wallis in litt. to Aube 38-156.

GYRINIDÆ

Gyrinus

hoppingi Leech 38-59 B.C.

LIMNEBIIDÆ²⁷Ochthebius²⁸

insulanus Brown Correct loc. Vanc.Id.²⁷
mimicus Brown 33-45 B.C.

HYDROPHILIDÆ

Helophorus

arcticus Brown 37-109 Baffin Id.
HELOPHORUS (s.str.)
lecontei Knisch 24-88²⁹ Cal.
obscurus || Lec. 52-210²⁹
ventralis Mots. 60-105²⁹ N.Y.
obsoletesulcatus Mots. 60-106²⁹
obscurus || Wickh. 95-183²⁹
granularis Linn. 61-214²⁹ Eur. N.A.
?pusillus Mots. 60-106²⁹

Berosus

ENOPLURUS Hope 38-123²⁹
undatus Fabr. 92-185²⁹ Tex. Mex. W.I.
emarginatus Horn 73-120²⁹ [S.A.
flavipes Shp. 87-766²⁹
guadelupensis Fleut. & Salle 89-376²⁹

Hydrophilus

occultus d'Orch. 33-810 N.Y. Tenn.

Enochrus

LUMETUS Zaitz. 08-385²⁹
pygmaeus Fabr. 92-186²⁹
nebulosus Say 24-277²⁹ W.I.
P. 19, First supplement, under 19289,
for 2484 read 2884.²⁷

SILPHIDÆ

NECROPHORINI

Necrocharis Port. 23-68^{1 2 3}

* carolinensis Linn. 71-530⁴ Pa.-Fla.-
mediatus Fabr. 01-334⁴ [Ariz.-Neb.
a.scapulatus Port. 23-142² N.C. Fla.
a.dolosus Port. 23-142²
a.mysticallus Angell 12-307² Ariz.

²⁷ Leech in litt.²⁸ Left in Hydrophilidæ by Brown—33.²⁹ d'Orchymont—34.¹ Semenov-Tian-Shanskij—32.² Hatch—Col. Cat. p. 95.³ Placed as subgenus of Nicrophorus by Hatch, Col. Cat. p. 95.⁴ Hatch & Rueter—34Nicrophorus Fabr. 75-71^{2 4}

* (Dermestes || Geoffr. 62-93)²
(Nicrophorus Fabr. 01-333)^{2 5}
(Cyrtooscelis Hope 40-149)²
Acanthopsilus Port. 14-223)²

EUNECROPHORUS Sem.

[32-152

americanus Oliv. 90-10¹ N.S.-Minn.-
virginicus Fröl. 92-123² [Tex.-Fla.
grandis Fab. 92-247²

germanicus Linn. 58-359² Europe
a.bipunctatus Kr. 80-117² Eur. ?Cal.

NECROPTER Sem. 32-154⁴

orbicollis Say 25-77¹ Me.-Fla.-Kan.-Alb.
halli Kby. 37-98²

quadrisignatus Cast. 40-1²
sayi Cast. 35-2¹ N.B.-Va.-Alb.

lunulatus Gistel 48-49²

lunatus || Lec. 53-277²

luniger Har. 68-104²

humator Oliv. 90-8.² Eur. Asia

grandior Angell 12-307² Cal.

defodiens Mannh. 46-513^{1 4} Newf.-N.J.-
hebes Kby. 37-96² [Cal.-Alas.

pygmaeus Kby. 37-98²

vespilloides of Lec. 66-367²

a.humeralis Hatch 27-7²

a.binotatus Port. 26-236² Cal.

plagiatus || Mots. 69-252²

a.lateralis Port. 03-330² Cal.-Wash.

a.conversator Walk. 66-320² Cal. Ore.

pollinator of Lec. 54-19²

a.kadjakensis Port. 26-236² Alaska

a.mannerheimi Port. 24-293² Cal.

investigator Zett. 24-154^{1 4} Eur.Asia.

ruspator Er.37-225² [Alas.-Cal.-?Va.

melsheimeri Kby. 37-97²

infodiens Mannh. 53-170²

confossor Mots. 60-126²

microcephalus Thoms. 62-9²

pustulatus of Horn 80-233 (part)²

vestigator of Gyll. 27-308²

a.intermedius Reitt. 95-327² Eur. B.C.

[Man.-Ore.-Ut.

a.lutescens Port. 24-150² N.M. Ariz.

v.nigritus Mannh. 43-251² Cal. Ore.

v.variolosus Port. 24-149²

s.maritimus Guer. 44-60² Japan, B.C.

aleuticus Gistel 48-190²

pollinator Mannh. 53-169²

sibiricus Mots. 60-126²

a.particeps Fisch. 44-139²

[Alas. B.C. Asia

mexicanus Matth. 88-91¹ Mex. Cal.

hybridus Hatch & Ang. 25-216^{1 4} Wash.-

[Man.

v.minnesotianus Hatch 27-5² Minn.

guttulus Mots. 45-53^{1 4} Alas. Cal.-Colo.

a.quadrigitatus Angell 20-90² Cal.

a.vandykei Angell 20-90² Cal.

a.ruficornis Mots. 69-352² Cal.

a.hecate Bland || 65-382^{1 2} Alas.-N.M.

a.disjunctus Port. 24-85²

a.rubripennis Port. 24-85² Cal.-Kan.

obscurus Kby. 37-97^{1 4} H.B.T.-Ut.-Ore.

melsheimeri of Lec. 53-275²

⁶ This spelling accepted by Semenov-Tian Shanskij—32.

marginatus Fabr. 01-334^{1 4} Me.-Miss.-
requiescator Gistel 48-190² [Ore.-C.A.
 a.cordiger Port. 24-84² N.Y. Ark.
 tomentosus Web. 01-47¹ Me.-Ga.-Cal.-
velutinus Fab. 01-334² [Man.
 a.angustefasciatus Port. 25-170²
 a.aurigaster Port. 25-170²

STICTONECROPTER Sem. 32-154

pustulatus Hersch 07-271¹ Alas.-Newf.-
bicolor Newm. 38-385² [Fla.-Cal.
tarsus Mannh. 53-385²
 a.fasciatus Port. 24-86² Ky.-Que.-Fla.
 a.unicolor Port. 24-86² La.
 vespillo Linn. 58-359 Eur. Asia, Neb. Pa.
 pulsator Gistel 48-190² "N.A."
 vespilloides Hbst. 84-32⁶ Eur. Japan
 s.defodiens Mannh. 46-513⁶ Pac. Cst.
mortuarum Fab. 92-248⁶ [Japan
 a.hebes Kby. 37-96⁶ Alas. Y.T.
pygmaeus Kby. 37-98⁶
humeralis Hatch 27-7⁶
 a.conversator Walk. 66-320⁶ B.C.
lateralis Port. 03-330⁶
gaigei Hatch 27-356⁶

SILPHINI

Silpha

THANATOPHILUS Leach 15-89⁴
 trituberculata Kby. 37-101⁴
 lapponica Hbst. 93-269⁴
 HETEROSILPHA Port. 26-83⁴
 ramosa Say 23-193⁴
 XYLODREPA Thoms. 59-56
 quadripunctata Linn. 58-359^a Eur. Mass.
 OXELYTRUM Gistel 48-150
 discicollis Brullé 40-75^b Cal. N.M. Ariz.
analis Chev. 43-26^{a b} [C.A. S.A.
æquinoctialis Gistel 48-190^b
brasiliensis Dej. 33-118^b
cayennensis || Berg 01-328^b

AGYRTINI

Agyrtes Fröl. 99-18⁷
 * longulus Lec. 59-282⁸ Cal.-Alas.
 similis Fall 37-29 Cal.
 Pelatines Ckll. 06-240⁷
 * (*Pelates* || Horn 80-244)⁷
 latus Mannh. 52-331⁸ Alas.-Wash.-Alb.
 Necrophilus Latr. 29-500⁷
 * pettiti Horn 80-243⁸ Can.-Ky.-Ind.
subterraneus of Horn 68-125⁸
 hydrophiloides Mannh. 43-253⁸ Alas.-
ater Mots. 45-263⁸ [Cal.

^a Angell in litt.^b Junk Col. Cat. pars 95.⁶ Leach—37.⁷ Rearrangement of genera, Hatch & Rueter—34.⁸ Leng Catalog and supplements.LYROSOMINI^{4 9}

Pteroloma Gyll. 27-418¹⁰
 * (*Adolus* Fisch. 28-242)²
 (*Holocnemis* Schill. 29-93)²
 nebrioides Brown 33-213 Alas. Alb.
forströmiä of authors (not Gyll.)¹¹

Apteroloma Hatch 27-12^{4 12 10}

* (*Pteroloma* of authors)⁴
 caraboides Fall 07-235⁸ Wash.-Cal.
 tenuicornis Lec. 59-84⁸ Wash.-Cal.
 tahoea Fall 27-136⁸ Cal.

CATOPOCERINI⁴(*Pinodytini*)

Catopocerus Mots. 69-351⁴
 (*Pinodytes* Horn 80-248)⁴
 (*Homaeosoma* Aust. 80-16)²
 ulkei Brown 33-215
cryptophagoïdes of Horn 80-249¹¹

LEPTODIRIDÆ¹(*Catopidae, Silphidae*)Leptodirinae¹

Platycholeus Horn 80-251¹
 * leptinoides Cr. 74-77¹ Cal. Ore. Nev.
 opacellus Fall 09-133¹ Cal.

Catopinæ¹

CATOPINI

Nemadus Thoms. 67-351^{1 2}
 * pusio Lec. 59-282^{1 2} Cal.-B.C.
 horni Hatch 33-194² Mass.-Ala.-Ia.
pusio of Horn 80-262¹
 parasitus Lec. 53-282^{1 2} Que.-Va.-Tex.
 [Man.
 integer Fall 37-338 Mass.
 gracilicornis Fall 37-339 Mass.N.J.Man.
 obliquus Fall 37-339 Mass.-Pa.

Dissochætus Reitt. 84-39¹

* brachyderus Lec. 63-25¹ N.S.-N.Y.-Minn.
 arizonensis Hatch 33-197 Ariz.
 oblitus Lec. 53-282¹ Md.-Fla.-Ill.
 decipiens Horn 80-257¹ Wash.

Echinocoleus Horn 85-136¹

* setiger Horn 85-136¹

⁹ Van Dyke—28.¹⁰ Definitely not Staphylinidæ, Brown—33, Szekessy—36, Van Dyke—28, the compiler, etc.¹¹ Brown—33.¹² Considered a synonym of *Pteroloma*, Brown—33.¹ Hatch—33.² Revision of genus, Fall—37.

Ptomaphagus Ill. 98-88¹

- * *californicus* Lec. 53-281¹ Cal.
nevadicus Horn 80-263¹ Nev. Colo. Kan.
schwarzi Hatch 33-203¹ Fla.
texanus Melander 02-329¹ Tex. Colo.
fisus Horn 85-137¹ Ariz. Cal.
consobrinus of Horn 80-262 (part)¹ Mo.
cavernicola Schw. 98-58¹ Mo.
laticornis Hatch 33-204 Cal.
ulkei Horn 85-137¹ Md. Va. N.C.
piperi Hatch 33-205 Wash. Cal.
consobrinus Lec. 53-281¹ Mass.-Fla.-
strigosus Lec. 53-281¹ [Okla.-Mich.
lecontei Murray 56-459¹

Adelops Tellk. 44-318¹

- * *mitschellensis* Hatch 33-208 N.C.
lödingeri Hatch 33-209 Ala.
valentinei Jeann. 33-252³ Ala.
hatchi Jeann. 33-252³ Tenn.
hirtus Tellk. 44-318¹ Ky.

Catops Payk. 98-342¹

- * **SCIODREPA** Thoms. 62-66¹
gratiosus Blanch. 15-294¹ Me.-Va.-Wash.
alsiosa of Blatch. 10-294¹
alsiosus Horn 85-136¹ Alas.-N.S.-N.Y.
simplex Say 25-184¹ Alas.-Lab.-Cal.-Ga.
luridipennis Mannh. 53-176¹
americanus Hatch 28-201¹ N.B.-N.C.-
 [N.M.-Minn.
clavicornis || Lec. 53-281¹
basilaris Say 23-194¹ Me.-N.C.-Cal.-Alb.
spenciana Kby. 37-108¹
cadaverinus Mannh. 43-82¹
brunnipennis Mannh. 53-176¹
egenus Horn 80-256¹ Alas.-Cal.
hornianus Blanch. 15-294¹ Que.-N.C.B.C.
SCIODREPOIDES Hatch 33-224¹
 (*Sciodrepa* of Ganglb.)¹
terminans Lec. 50-218¹ B.C.-N.B.-Ill.
fumata of Hatch 27-15¹

Prionocheeta Horn 80-260¹

- * *opaca* Say 25-184¹ Que.-N.C.-Ark.-
 [Minn.]

Catoptrichus Murray 56-461¹

- * *frankenhäuseri* Mannh. 52-332¹
 [Alas.-Wash.]

Coloninae¹**Colon** Hbst. 97-224¹

- * **COLON** (s.str.)¹
paradoxum Horn 80-270¹ Pa. D.C.
CURVIMANON Fleisch. 09-246¹
bidentatum Sahlb. 17-95⁵ Eur. B.C. Alb.
 [N.J.]
MYLOECHUS Latr. 07-30¹
hubbardi Horq 80-270¹ Mich. Tenn. O.
productum Hatch 33-229 Mich.
excisum Hatch 33-229 N.C.
kincaidi Hatch 33-229 Wash.

- dentatum* Lec. 53-282¹ N. J. Que. O.
putum Horn 80-272¹ N.Y.
putatum Hatch 28-225¹
rufum Hatch 33-230 W.Va.
discretum Hatch 33-230 B.C.
rectum Hatch 33-231 W.Va.
pribilof Hatch 33-231 Alaska
schwarzi Hatch 33-232 N.C. Mich.
magnicolle Mannh. 53-177¹
 N.Y. O. Wis. Colo.
pusillum Horn 80-273¹ Y.T. Que.-D.C.
thoracicum Horn 80-274¹ Va.
asperatum Horn 80-274¹ Cal.-Me.

LEIODIDÆ⁴

(*Liodesidae*, *Agathidiidae*, *Anisotomidae*,
Siphidae)

LEIODINI⁴

- Hydnobius** Schm. 41-193⁴
 * *matthewsii* Cr. 74-74⁴ Cal.-B.C. Mo.
pallidum || Say 34-91⁴ [N.Y.]
strigilatus Horn 80-280⁴ B.C. Nev.
arizonensis Horn 85-138⁴ Ariz.
obtusus Lec. 79-511^{4,5} Colo. B.C.
luggeri Hatch 27-18^{4,5} Alaska
longulus Lec. 79-511^{4,5} B.C.-Cal. Colo.
longidens Lec. 79-511⁴
substriatus Lec. 63-25^{4,5} N.S.-N.Y.-
curvidens Lec. 79-511⁴ [Wash.]
laticeps Notm. 20-27^{4,5} N.Y.
pumilus Lec. 79-511^{4,5} Que. Colo. Cal.
latidens Lec. 79-512^{4,5}
kiseri Hatch 36-35 Wash.
lobatus Hatch 36-35 Wash.
femoratus Hatch 36-36 Wash. B.C.
 * * *
validus Brown 32-202 (*Leiodes*)⁶ Que.

Typhloleiodes Hatch 35-116

- * *subterraneus* Hatch 35-116 Ore.

Triarthron Märk. 40-141⁴

- * *lecontei* Horn 68-131⁴ Ore. Cal.
cedonulli Schauf. 82-43⁴
pennsylvanicum Horn 83-284⁴ Pa.

Leiodes Latr. 02-163⁴

- * (*Anisotoma* Schmidt 41-143, not
 [Panz.]^{4,5}

(*Liodes* Reitt. 84-93)⁴

LEIODES (s.str.)⁴

- alternata* Melsh. 46-103⁴ Ga.
americana Knoch MS⁴
canadensis Brown 28-141⁴ Sask. Man.
oklahomensis Brown 28-142⁴ B.C.
horni Hatch 29-36⁴ Cal. Ore.
humeralis || Horn 80-285⁴
valida Horn 80-285⁴ N.H.-Colo.-B.C.
serripes Hatch 36-37 Wash.
merkeliana Horn 95-234⁴ Wash.

¹ Hatch—33.² Placed in genus *Ptomaphagus*, Jeannel—33.⁴ Hatch—20.⁵ Hatch—36.⁶ Hatch in litt.

- assimilis* Lec. 50-221⁴ N.H.-Colo.-B.C.
punctatostriata Kby. 37-110⁴ Alas.-B.C.
indistincta Lec. 50-221⁴ [N.H.]
laeta Mannh. 53-201⁴
difficilis Horn 80-285⁴ Cal.
collaris Lec. 50-221⁴ N.H.-Cal.-B.C.
similis Fall 10-5⁴ Cal.
curvata Mannh. 53-202⁴ Alas.-Cal.
morula Lec. 59-282⁴
opacipennis Fall 10-5⁴ Tex.
antennata Fall 10-6⁴ Cal.
lateritia Mannh. 52-345⁴ Alaska
 PSEUDOHYDNOBIUS Ganglb.
 [99-208⁵
 (*Parahydnobius* Fleisch.
 [08-18]⁵)
conferta Lec. 66-367^{4 5} Ill. Pa.
paludicola Cr. 74-74^{4 5} Cal.
strigata Lec. 50-221^{4 5} Mich. Colo. B.C.
 OREOSPHAERULA Ganglb.
 [96-181⁴
obsoleta Melsh. 46-107⁴ Atl.St.-Cal.
sculpturata Fall 10-6⁴ Ariz.
puritana Fall 25-310⁴ Mass.
fusciclava Fall 25-311⁴ Cal.
- Anogdus** Lec. 66-369^{4 7 8}
 * *luggeri* Hatch 27-17⁴ Minn.
dissimilis Blatch. 16-93^{4 7} Fla.
capitatus Lec. 66-319^{4 7} Fla.
- Cainosternum** Notm. 21-148⁴
 * *imbricatum* Notm. 21-148⁴ N.Y.
- Colenis** Er. 41-221⁴
 * (*Colensia* Fvl. 02-287)⁴
 (*Pseudoliodes* Port. 26-77)⁴
impunctata Lec. 53-284⁴ Fla.-La.-Mich.
- AGATHIDIINI⁴
- Anisotoma** Panz. 97-8^{4 9}
 * (*Pentatoma* || Schneid. 92-2)⁴
 (*Leiodes* || Schmidt 41-132)⁴
 (*Liodes* Er. 45-87)⁴
blanchardi Horn 80-298^{4 7} Que. Mass. O.
geminata Horn 80-299^{4 7} Que.-N.C.-Ill.
confusa Horn 80-299^{4 7} Nev.
insterstitialis Hatch 36-38^{10 7 11} Wash.
globososa Hatch 29-56^{4 7} Que.-Ky.-Nev.-
globosa || Lec. 50-222^{4 7} [B.C.]
inops Brown 37-198 N.B.-Ont.-N.H.
nevadensis Brown 37-199 Nev.
bicolor || Horn 80-297^{7 12}
expolita Brown 37-199 Ont.-Ga.-Mich.
polita || Lec. 53-285⁷
basalis Lec. 53-285^{4 7} Mich. Ill. Ind.
dichroa Lec. 53-285^{7 12}
amica Brown 37-201 Que. Ont. B.C.
obsoleta Horn 80-298^{4 7} N.B.-Va.
errans Brown 37-202 Que. Ont. B.C.
discolor Mels. 46-103^{4 7} Can.-Va.-Mich.
piceum Mels. 44-103⁷
- Stetholiodes* Fall 10-4⁴
 * *laticollis* Fall 10-4⁴ Ind.
- Neocyrtusa** Brown 37-161
 * *obsoleta* Melsh. 46-107⁷ D.C. N.C.
blandissima Zimm. 69-250^{4 13}
secretata Brown 37-163 Ont.
superans Fall 10-7^{7 13} Ont.-Alb.
puritana Fall 25-310⁷ Ont. Mass.
potens Brown 32-205⁷ Que. Ont.
insolita Brown 37-170 B.C. Sask.
 ?*fusciflava* Fall 25-311⁷ Cal.
 ?*sculpturata* Fall 10-6⁷ Ariz.
- Lionothus** Brown 37-170
 * *ulkei* Brown 37-171 D.C.
blandissima of Horn 80-294⁷
- Cyrtusa** Er. 42-221⁷
 * *luggeri* Hatch 27-17⁷ Que.-Mich.-B.C.
- Cænocyrtusa** Brown 37-172
 * *picipennis* Lec. 63-25^{7 13} Que.-D.C.-B.C.
- Apheloplastus** Brown 37-173
 * *egenus* Lec. 53-284^{7 13} Que.-Ga.-Mich.
impubis Zimm. 69-251⁷
- Isoplastus** Horn 80-277^{4 7}
 * *fossor* Horn 80-295^{4 7} Que.-D.C. Mich.
- Agathidium** Panz. 97-13¹⁴
 * AGATHIDIUM (s.str.)¹⁴
oniscoides Beauv. 05-160^{14 15} Can.-Ga.-
piceum Mels. 44-103⁴ [Miss. Mex.
globatile Lec. 78-598⁴
rubellum Fall 34-105¹⁴ N.C.
compressidens Fall 34-106¹⁴ N.C. N.H.
exiguum Melsh. 44-103^{14 15} Can.-Fla.-
ruficornis Lec. 50-222⁴ [Colo. Guat.
minutum Melsh. MS⁴
dentigerum Horn 80-301^{14 15} Va. N.C.
alutaceum Fall 34-107¹⁴ Alaska
californicum Horn 80-301^{14 15} Cal.-
 [B.C. Guat.
depressum Fall 34-108¹⁴ Alas.-Cal.-
 [Ill.-Que.
jasperanum Fall 34-109¹⁴ Alb. Y.T.
dubitans Fall 34-110¹⁴ N.M.
revolvens Lec. 50-222^{14 15} Alas.-Cal.-
 [Mich.
cavisternum Fall 34-111¹⁴ B.C.
virile Fall 01-219^{14 15} S.Cal.
conjunctum Brown 33-46^{14 15} Nev.-B.C.
omissum Fall 34-113¹⁴ Mont.
- NEOCEBLE Gozis 86-16¹⁴
- sexstriatum* Horn 80-302^{14 15} Cal. Nev.
bistriatum Horn 80-303^{14 15} Cal. Nev.
estriatum Horn 80-303^{14 15} Colo.
parvulum Lec. 78-598^{14 15} L.Sup.
parile Fall 34-117¹⁴ Cal.

⁷ Brown—37.⁸ Placed near *Cyrtusa* by Brown—37.⁹ Credited to Illiger, Hatch—36.¹⁰ Hatch—38.¹¹ As synonym of *confusa*, Brown—37.¹² As variety by Hatch—29.¹³ Placed in *Cyrtusa* (*Zeadolopus* Brown =) by Hatch—29.¹⁴ Hatch—36.¹⁵ Fall—34.

- rusticum Fall. 34-117¹⁴ N.H. Mass.
 lætum Fall 34-118¹⁴ Cal.
 contiguum Fall 34-119¹⁴ Wash.
 athabascanum Fall 34-119¹⁴ Alb.
 alticola Fall 34-120¹⁴ N.H.
 columbianum Fall 34-121¹⁴ B.C.
 rotundulum Mannh. 52-370^{14 15} Alas.-Cal.
 brevisternum Fall 34-122¹⁴ Cal.
 atronitens Fall 34-122¹⁴ Ill. D.C. Mo.
 repentinum Horn 80-303¹⁴ N.H. Mont.
 politum Lec. 66-370^{14 15} Can.-R.I.-Mo.
 maculosum Brown 28-145^{14 15} B.C. Wash.
maulosum Brown 28-230⁴
v.franciscanum Fall 34-126¹⁴ Cal.
 kincaidi Hatch 36-39 Wash.
 pulchrum Lec. 53-286^{14 15} N.H. Ky.
 [Wash. Cal.
mandibulatum Mannh. 53-203⁴
 varipunctatum Hatch 36-40 Wash.
 picipes Fall 34-130¹⁴ Cal.
 difforme Lec. 50-222^{14 15} N.H. Mich.
canadensis Brown 30-89^{14 15}
 CYPHOCEBLE Thoms. 59-59¹⁴
 angulare Mannh. 52-369^{14 15} Alas.-Cal.-
 [Ariz. Colo.
 concinnum Mannh. 52-370^{14 15} Alas.-
 [Cal.-Ariz.-Colo.
effluens Mannh. 53-202⁴
 municeps Fall 34-171¹⁴ N.H.
temporale || Fall 34-127^{14 15}
 assimile Fall 34-128¹⁴ Ind. N.H.
 mollinum Fall 34-128¹⁵ N.H. Me.
Aglyptinus Ckll. 06-240⁴
 * (*Aglyptus* Lec. 66-369)⁴
 (*Aglyptonotus* Champ. 13-65)⁴
 lævis Lec. 53-284⁴ E.Can.-Ga.-La.
Olophrum Er. 37-622³
 * (*Lathrium* Lec. 50-21)³
 obtectum Er. 40-865³ Me.-Pa.
emarginatum Er. 40-868³
rotundicolle || Say 34-464³
 latum Mäkl. 53-194^{3 4} Alaska
 boreale Payk. 92-146^{5 6} Eur. Bear Id.
 [Que. N.W.T.
marginatum Kby. 37-89^{5 6}
 parvulum Mäkl. 53-195³ Alaska
 marginatum Mäkl. 53-196³ Alaska
 consimile Gyll. 10-199³ Eur. Sib.
 [Alas.-N.Y.
v.minor J. Sahlb. 76-424³ ?N.A.
 rotundicolle C.R. Sahlb. 27-281³ Eur.
 [Sib.Newf.-Mich.-N.W.T.
convexicolle Lec. 50-21³
 convexum Mäkl. 53-195³ Alaska
Orobanus Lec. 78-453⁷
 * montanus Mank. 34-121 Mont.
 mormonus Mank 34-122 Utah
 falli Mank 34-122 Cal.
 densus Csy. 86-246⁷ Cal.
 rufipes Csy. 86-245⁷ Cal.
 simulator Lec. 78-453⁷ Colo. B.C.
Boreaphilus Sahlb. 34-433
 * americanus Notm. 18-188⁸ N.J.
 nearcticus Blair 33-95⁸ No.Que.
Deleaster
 dichrous Grav. 02-188^{7 10} Eur. Que.
Trogophloeus
 fulvipes Er. 40-804¹ S.A. C.A. W.I.
rubripennis Fvl. 63-440¹ [Fla.-Cal.
senilis Shp. 80-51¹ [Hawaii
texanus Csy. 89-334¹
Oxytelus
 insignitus Grav. 06-188¹ S.A. C.A.
 [W.I. N.A. Eur. Atl.Is. Pac.Is.
americanus Mannh. 30-48¹
pumilio Boh. 58-34¹
Bledius
 philadelphicus Fall 19-26¹¹
dissimilis || Fall 10-107¹¹
falli Wend. 28-298¹¹
Paralispinus
 exiguus Er. 40-830¹ S.A. C.A. W.I.
laevigatus Kr. 59-188¹ [Fla.-La.
rufescens Lec. 63-59¹ [Orient
rufus Fvl. 65-60¹ [Hawaii
fauveli Shp. 76-392¹
aruensis Fvl. 78-200¹
pallescens Blackb. 85-126¹

STAPHYLINIDÆ

- Trigonurus** Muls. & Rey 47-515¹
 * cælatus Lec. 74-48¹ Cal.
rugosus Shp. 75-204¹
 crotchi Lec. 74-48¹ Cal.-Alas.
lecontus Shp. 75-205¹
lecontei of authors¹
 edwardsi Shp. 75-205¹ Cal. Wash.
 dilaticollis VanD. 34-179¹ Cal B.C.²
(subcostatum Mäkl., belongs in
 [*Lathrimaeum*]¹
Thoracophorus
 brevicristatus Horn 71-332¹ Mex. W.I.
 [Fla. Ariz.

⁴ Hatch—29.¹⁴ Hatch—36.¹⁵ Fall—34.¹ Blackwelder in MS.² R. Hopping—36.³ Revision of genus, Scheerpeltz—29.⁴ Voris in litt.⁵ Blair—33.⁶ Brown—37.⁷ Rearrangement of genus, Mank—34.⁸ Leng Catalog.⁹ Chagnon—34.¹⁰ Jules—35.¹¹ Fall in litt.

Stenus

falli Scheerp. 33-1154 Alas. Y.T.
frigidus || Fall 26-59¹²

PAEDERINI¹³**Thinocharis** Kr. 59-142¹³

SCIOCHARIS Lynch 84-260¹³
carolinensis Csy. (Sciocharis)
congruens Csy. (Sciocharis)
nubipennis Csy. (Sciocharis)
SCIOCHARELLA Csy. 05-151¹³
exilis Er. 40-627¹ S.A. C.A. W.I.
atrátula Lynch 84-265¹ [Fla. Ala.
fragilis Shp. 86-574¹
minuta Shp. 86-574 (Sciocharis)¹
delicatula Csy. 05-159 (Sciocharis)¹
pertenuis Csy. 10-188¹

Lithocharis Bois. & Lac. 35-431¹³

(*Arthocharis* Cam. 21-372)¹³
(*Metaxyodonta* Csy. 86-29)¹³
(*Sunius* Steph. 32-274, not Er.)¹³
LITHOCHARIS (s.str.)¹³
ochracea Grav. 02-59¹ S.A. C.A. W.I.
[U.S. Eur. Afr. India, China, Pac.Is.
rubricollis Grav. 06-138¹
testacea Bois. & Lac. 35-432¹
brunniceps Fairm. 49-290¹
fastidiosa Fairm. & Germ. 61-438¹
alutacea Csy. 86-30¹
quadricollis Csy. 86-31¹

simplex Csy.

sonoricus Csy.

PSEUDOMEDON Muls. & Rey
[78-122¹³

alabamæ Csy. (Pseudomedon)
capitulus Csy. (Pseudomedon)
clarescens Csy. (Pseudomedon)
ruficollis Csy. (Pseudomedon)
thoracicus Csy. (Pseudomedon)

Aderocharis Shp. 86-552¹³

ADEROCHARIS (s.str.)¹³
corticinus Grav.

Stilomedon Shp. 86-565¹³

POLYMEDON Csy. 05-151¹³
tabacinum Csy. (Polymedon)

Neomedon Shp. 86-557¹³

arizonense Csy.

Hypomedon Muls. & Rey 78-122¹³

(*Chloëcharis* Lynch 84-259)¹³
(*Euastenus* Fiori 15-10)¹³
(*Hemimedon* Csy. 05-152)¹³
Lena Csy. 05-189)¹³

HYPOMEDON (s.str.)¹³
angustum Csy. (Hemimedon)
curtipennis Scheerp. 33-1259¹²
brevipenne || Csy. 05-186 (Calo-
[derma]¹²

conjux Csy. (Caloderma)
continens Csy. (Caloderma)
contractum Csy. (Caloderma)
debilicornis Woll. 57-194¹ S.A. C.A.
[W.I. Fla.-S.C.-Tex. Eur. Asia.
brevicornis Allard 57-747¹
egyptiaca Mots. 58-644¹
occulta Waterh. 76-108¹
rufula Lynch 84-259¹
pallidus Fiori 15-10¹

discolor Csy. (Caloderma)
exile Csy. (Caloderma)
luculentum Csy. (Caloderma)
mobile Csy. (Caloderma)
molle Csy. (Caloderma)
peregrinum Csy. (Caloderma)
pollens Csy. (Caloderma)
quadripenne Csy. (Caloderma)
reductum Csy. (Caloderma)
rufipes Csy. (Hemimedon)
tantillum Csy. (Caloderma)
testaceum Csy. (Lena)
OLIGOPTERUS Csy. 86-12¹³
(*Micromedon* Csy. 05-153)¹³
(*Medonella* Csy. 05-154)¹³

cuneicolle Csy. (Oligopterus)
filum Csy. (Oligopterus)
flexile Csy. (Oligopterus)
minutum Csy. (Sciocharis)
remotum Csy. (Oligopterus)
CALODERMA Csy. 86-5¹³
angulatum Csy. (Caloderma)
rugosum Csy. (Caloderma)
semibrunneum Csy. (Caloderma)
TRACHYSECTUS Csy. 86-32¹³
confluentum Say (Trachysectus)

Medon Steph. 32-273¹³

(*Oxymedon* Csy. 05-177)¹³

MEDON (s.str.)¹³

americanus Csy.
rubrum Csy. (Oxymedon)
texanum Csy.
TETRAMEDON Csy. 05-178¹³
rufipenne Csy. (Tetramedon)
PLATYMEDON Csy. 89-184¹³
(*Paramedon* Csy. 05-166)¹³
arizonicum Csy. (Paramedon)
boreale Csy. (Paramedon)
conforme Csy. (Paramedon)
consanguineum Csy. (Paramedon)
contiguum Csy. (Paramedon)
convergens Csy.
caseyi Scheerp. 33-1256¹²
debilis || Csy. 05-174 (Paramedon)¹²
difforme Csy. (Paramedon)
distans Csy. (Paramedon)
explicans Csy.
gregale Csy. (Paramedon)
gulare Csy. (Paramedon)
helenæ Csy.
humboldti Csy. (Paramedon)
inquilinum Csy.
insulare Csy.
kernianum Csy. (Paramedon)
lacustre Csy.

¹² Scheerpeltz—33.

¹³ A generic revision of the Pæderini of the world, Blackwelder—39. Species examined are listed with indication of their former position if different from the present, but the list is not complete. See original catalog for citations, localities, and synonymy of the species.

languidum Csy. (Paramedon)
 laticolle Csy. (Platymedon)
 latiusculum Csy. (Paramedon)
 lepidum Csy.
 luctuosum Csy. (Paramedon)
 malacum Csy. (Paramedon)
 mimulum Csy. (Paramedon)
 montanum Csy. (Paramedon)
 nevadicum Csy. (Platymedon)
 nitidulum Csy.
 oriens Csy. (Paramedon)
 pallescens Csy. (Paramedon)
 pallidipenne Csy. (Paramedon)
 puberulum Csy.
 retrusum Csy. (Paramedon)
 sinuatoColle Csy.
 shastanicum Csy. (Paramedon)
 sublestum Csy. (Paramedon)
 subsimile Csy. (Paramedon)
 tahouense Csy. (Paramedon)
 vanouveri Csy. (Paramedon)
 MEDONODONTA Csy. 05-176 ¹²
 alutaceum Csy. (Medonodonta)

Orus Csy. 84-136 ¹³
 ORUS (s.str.) ¹³
 boreellus Csy.
 deceptor Csy.
 distinctus Csy.
 filius Csy.
 fraternus Fall
 caseyianus Scheerp. 33-1265 ¹²
longicollis || Csy. 05-197 ¹²
 montanus Fall
 pallidus Csy.
 parallelus Csy.
 pinalinus Csy.
 provensus Csy.
 pugetanus Csy.
 punctatus Csy.
 robustulus Csy.
 shastanus Csy.
 sonomæ Csy.
 LEUCORUS Csy. 05-191 ¹³
 ferrugineus Csy. (Leucorus)
 luridus Csy. (Leucorus)
 ochrinus Csy. (Leucorus)
 rubens Csy. (Leucorus)
 PYCNORUS Csy. 05-194 ¹³
 dentiger Lec. (Pycnorus)
 iowanus Csy. (Pycnorus)

Scopæus Er. 40-604 ¹³
 (*Leptorus* Csy. 86-217) ¹³
 (*Polyodontus* Sol. 49-310) ¹³
 (*Pseudorus* Csy. 10-190) ¹³
 (*Scoponeus* Mots. 58-641) ¹³
 SCOPÆUS (s.str.) ¹³
 angustissimus Csy.
 arizonæ Csy.
 bicolor Csy.
 brachypterus Csy.
 carolinæ Csy.
 cervicula Csy. (Pseudorus)
 crassulus Csy.
 degener Csy.

delicatus Csy.
 exiguus Er.
 gilensis Csy.
 hudsonicus Csy.
 longiceps Csy.
 macilentus Csy.
 notangulus Csy.
 picipes Csy.
 prolixipennis Csy. (Pseudorus)
 quadripennis Csy.
 saginellus Csy.
 spectralis Csy. (Pseudorus)
 texanus Csy.
 versicolor Csy.
 SCOPÆODERA Csy. 86-217 ¹³
 nitidus Lec. (Scopæodera)
 sonoricus Csy. (Scopæodera)
 SCOPÆOPSIS Csy. 05-191 ¹³
 duryi Csy. (Scopæopsis)
 elaboratus Csy. (Scopæopsis)
 opacus Lec. (Scopæopsis)
 pallens Csy. (Scopæopsis)
 ventralis Csy. (Scopæopsis)
 SCOPÆOMA Csy. 05-191 ¹³
 angusticeps Csy. (Scopæoma)
 caseyi Scheerp. 33-1265 ¹² Colo.
procerus || Csy. 05-213 (Scopæo-
 [ma] ¹²
 notmani Scheerp. 33-1268 ¹²
pallidus || Notm. 21-152 (Scopæo-
 [ma] ¹²
 puritanus Csy. (Scopæoma)
 rotundiceps Csy. (Scopæoma)
 truncaticeps Csy. (Scopæoma)

Megastilicus Csy. 89-183 ¹³
 formicarius Csy.

Stilicolina Csy. 05-223 ¹³
 (*Omostilicus* Csy. 05-229) ¹³
 sonorina Csy. (Omostilicus)
 tristis Melsh.

Pachystilicus Csy. 05-226 ¹³
 hanhami Wickh.

Stilicus Latr. 25-495 ¹³
 (*Rugilus* Curt. 27-168) ¹³
 (*Stilicosoma* Csy. 05-219) ¹³
 abbreviellus Csy.
 angularis Er.
 apicalis Csy.
 biarmatus Lec.
 dentatus Say
 lacustrinus Csy.
 latiusculus Csy.
 luculentus Csy.
 minusculus Csy.
 nigrolucens Csy.
 opaculus Lec.
 oregonus Csy.
 rudis Lec.

Acrostilicus Hubb. 96-299 ¹³
 hospes Hubb.

¹² Scheerpeltz—33.
¹³ Blackwelder—39.

Lathrobium Grav. 02-51¹³*(Centrocnemis* Jos. 68-365)¹³**LATHROBIUM** (s.str.)¹³*(Litolathra* Csy. 05-71)¹³

amplipenne Csy.
 amputans Csy. (Litolathra)
 armatum Say
 leconteanum Scheerp. 33-1278¹²
concolor || Lec. 63-44 (Litolathra)¹²
 confusum Lec. (Litolathra)
 convictor Csy. (Litolathra)
 crurale Csy. (Litolathra)
 dakotanum Csy. (Lathrobioma)
 deceptivum Csy.
 divisum Lec.
 franciscanum Csy.
 gravidulum Csy.
 hesperum Csy. (Lathrobioma)
 illini Csy.
 innocens Csy.
 inops Csy. (Lathrobioma)
 inornatum Csy. (Litolathra)
 longiventre Csy.
 neglectum Csy.
 nigrolineum Csy. (Lathrobioma)
 nigrolucens Csy.
 obtusum Csy.
 oregonum Csy. (Lathrobioma)
 othioides Lec. (Lathrobioma)
 picescens Csy.
 postremum Csy.
 praelongum Csy.
 procerum Csy.
 rhodeanum Csy. (Litolathra)
 rigidum Csy.
 scolopaceum Csy. (Lathrobioma)
 simile Lec.
 simplex Lec.
 sparsellum Csy.
 spissicorne Csy.
 subæquale Csy.
 subgracile Csy. (Litolathra)
 suspectum Csy. (Litolathra)
 vancouveri Csy.
 virginicum Csy. (Lathrobioma)
 washingtoni Csy.

LATHROLEPTA Csy. 05-72¹³
 debile Lec. (Lathrolepta)

DERATOPEUS Csy. 05-73¹³
 nanulum Csy. (Lathrobioma)
 nitidulum Lec. (Deratopeus)
 parvipenne Csy. (Deratopeus)
 semirubidum Csy. (Litolathra)

TETARTOPEUS Czwal. 88-349¹³
 agitans Csy. (Tetartopeus)
 angulare Lec. (Tetartopeus)
 callidum Csy. (Tetartopeus)
 captiosum Csy. (Tetartopeus)
 finitimum Lec. (Tetartopeus)
 floridanum Csy. (Tetartopeus)
 furvulum Csy. (Tetartopeus)
 hebes Csy. (Tetartopeus)
 lacustre Csy. (Tetartopeus)
 nigerum Lec. (Tetartopeus)
 nigrescens Csy. (Tetartopeus)

punctulatum Lec. (Tetartopeus)
 rubripenne Csy. (Tetartopeus)
 semirubrum Csy. (Tetartopeus)
 stibium Csy. (Tetartopeus)
 terminatum Grav. (Tetartopeus)
 tetricum Csy. (Tetartopeus)
ABLETOBIUM Csy. 05-70¹³
 pallescens Csy. (Abletobium)
APTERALIUM Csy. 05-70¹³
 brevipenne Lec. (Apteralium)
 carolinæ Csy. (Apteralium)
LATHROBIOPSIS Csy. 05-72¹³
 texana Csy. (Lathrobiopsis)
LATHROBIOMA Csy. 05-72¹³
 tenue Lec. (Lathrobioma)

Lobrathium Muls. & Rey 78-29¹³*(Bathrolium* Gozis 86-14)¹³*(Lathrobiella* Csy. 05-75)¹³*(Lathrotaxis* Csy. 05-74)¹³**EULATHROBIUM** Csy. 05-73¹³*(Lathrotropis* Csy. 05-74)¹³

caseyi Blais. (Lathrotropis)
 gnomum Csy. (Lathrotropis)
 grande Lec. (Eulathrobium)
 jacobinum Lec. (Lathrotropis)
 puncticeps Lec. (Lathrotropis)
 relictum Csy. (Lathrotropis)
 subseriatum Lec. (Lathrotropis)
 ustulatum Csy. (Lathrotropis)
 vafrum Csy. (Lathrotropis)
 validiceps Csy. (Lathrotropis)
PSEUDOLATHRA Csy. 05-74¹³
(Linolathra Csy. 05-75)¹³
(Microlathra Csy. 05-75)¹³
(Paralathra Csy. 05-75)¹³

æmulum Csy. (Lathrobiella)
 ambiguum Lec. (Lathrobiella)
 anale Lec. (Pseudolathra)
 angustulum Csy. (Lathrobiella)
 angustum Csy. (Lathrotaxis)
 atriventre Csy. (Lathrobiella)
 bardum Csy. (Lathrobiella)
 cupidum Csy. (Lathrobiella)
 depressulum Csy. (Lathrobiella)
 dimidiatum Say (Linolathra)
 famelicum Csy. (Lathrobiella)
 filicorne Csy. (Paralathra)
 filitarse Csy. (Linolathra)
 perfragile Scheerp. 33-1280¹²
fragile || Csy. 05-139 (Lathrobiella)¹²
 gaudens Csy. (Linolathra)
 gracilicorne Csy. (Lathrobiella)
 habile Csy. (Lathrobiella)
 involatum Scheerp. 33-1277¹²
integrum || Csy. 05-141 (Lathro-
 [biella])¹²
 leviceps Csy. (Pseudolathra)
 lineiforme Csy. (Microlathra)
 lituarium Lec. (Linolathra)
 merens Csy. (Lathrobiella)
 modestum Csy. (Lathrobiella)
 nigricans Csy. (Lathrobiella)
 oregonense Csy. (Lathrobiella)

- pallidulum Lec. (Microlathra)
 robustulum Csy. (Lathrobiella)
 rubidum Csy. (Lathrobiella)
 rutilans Csy. (Microlathra)
 tricolor Csy. (Lathrobiella)
 vagans Csy. (Lathrobiella)
 ventralis Lec. (Lathrobiella)
 LOBRATHIUM (s.str.)¹²
 acomanum Csy. (Lathrotaxis)
 atronitens Csy. (Lathrotaxis)
 caseyanum Scheerp. 33-1274¹²
 bipartitum || Csy. 05-122¹²
 californicum Lec. (Lathrotaxis)
 canorum Csy. (Lathrotaxis)
 centurio Csy. (Lathrotaxis)
 collare Er. (Lathrobiella)
 coloradense Csy.
 expressum Csy. (Lathrotaxis)
 fallaciosum Csy. (Lathrotaxis)
 fallax Csy. (Lathrobiella)
 floridæ Csy. (Lathrotaxis)
 galvestonicum Csy. (Lathrotaxis)
 longiusculum Grav. (Lathrotaxis)
 montanicum Csy.
 politum Grav. (Lathrotaxis)
 præceps Csy. (Lathrotaxis)
 rubricollis Csy. (Lathrotaxis)
 soror Csy. (Lathrotaxis)
 tacomæ Csy.
- Acalophæna** Shp. 86-554¹³
 (*Calophæna* Lynch 84-267)¹³
 compacta Csy.
- Dacnochilus** Lec. 63-47¹³
 lætus Lec.
- Pæderus** Fabr. 75-268¹³
 (*Pæderomorphus* Gaut. 62-75)¹³
 PÆDERUS (s.str.)¹³
 (*Leucopæderus* Csy. 15-59)¹³
 (*Pæderidus* Muls. & Rey
 [78-245])¹³
 (*Pæderillus* Csy. 05-59)¹³
 canonicus Csy.
 carolinæ Csy.
 comptens Lec.
 femoralis Lec.
 floridanus Aust.
 grandis Aust.
 iowensis Csy.
 littorarius Grav.
 nevadensis Aust.
 obliteratus Lec.
 pugetensis Lec.
 riparius Linn.
 saginatus Csy.
 texanus Csy.
 ustus Lec.
 NEOPÆDERUS Blkwr. 39-97¹³
 littoreus Aust.
 palustris Aust.
- Lissobiops** Csy. 05-25¹³
 serpentinus Lec.
- Homœotarsus** Hochh. 51-34¹³
 (*Spirosoma* Mots. 58-206)¹³
 GASTROLOBIUM Csy. 05-23¹³
 arizonensis Horn (Gastrolobium)
 atriceps Csy. (Gastrolobium)
 badius Grav. (Gastrolobium)
 bicolor Grav. (Gastrolobium)
 carolinus Er. (Gastrolobium)
 coloradensis Csy. (Gastrolobium)
 convergens Csy. (Gastrolobium)
 despectus Lec. (Gastrolobium)
 floridanus Lec. (Gastrolobium)
 illinianis Csy. (Gastrolobium)
 lecontei Horn (Gastrolobium)
 melanocephalus Er. (Gastrolobium)
 obliquus Lec. (Gastrolobium)
 parallelus Csy. (Gastrolobium)
 peninsularis Csy. (Gastrolobium)
 pimerianus Lec. (Gastrolobium)
 proximus Csy. (Gastrolobium)
 spissiceps Csy. (Gastrolobium)
 strenuus Csy. (Gastrolobium)
 subatrus Csy. (Gastrolobium)
 suturalis Csy. (Gastrolobium)
 texanus Lec. (Gastrolobium)
 vagus Horn (Gastrolobium)
 ventralis Horn (Gastrolobium)
 virginicus Csy. (Gastrolobium)
 HESPEROBIUM Csy. 05-33¹³
 atronitens Csy. (Hesperobium)
 californicus Lec. (Hesperobium)
 capito Csy. (Hesperobium)
 cinctus Say (Hesperobium)
 clavicornis Csy. (Hesperobium)
 cribratus Lec. (Hesperobium)
 flavicornis Lec. (Hesperobium)
 pacificus Csy. (Hesperobium)
 pallipes Grav. (Hesperobium)
 parviceps Csy. (Hesperobium)
 rubripennis Csy. (Hesperobium)
 sellatus Csy. (Hesperobium)
 tumidus Lec. (Hesperobium)
 vancouveri Csy. (Hesperobium)
- Cryptobium** Mannh. 30-38¹³
 ABABACTUS Shp. 85-533¹³
 pallidiceps Csy. (Ababactus)
 NEOBACTUS Blkwr. 39-96¹³
 nunenmacheri Blkwr. 39-96
- Biocrypta** Csy. 05-26¹³
 magnolia Blatch.
 prospiciens Lec.
- Stillicopsis** Sachse 52-144¹³
 paradoxa Sachse
 subtropica Csy.

¹² Scheerpeltz—33.¹³ Blackwelder—39.

Stannoderus Shp. 86-607¹³

- carolinæ Csy.
monstrosus Lec.
pallidus Csy.

Astenus Steph. 32-275¹³

(*Astenognathus* Reitt. 09-150)¹³
(*Sunius* Er. 39-523, not Steph.)¹³

ASTENUS (s.str.)¹³

- americanus Csy.
arizonianus Csy.
binotatus Say
brevipennis Aust.
californicus Aust.
cinctus Say
discopunctatus Say
fusciceps Csy.
inconstans Csy.
linearis Er.
longiusculus Mannh.
ornatellus Csy.
prolixus Er.
robustus Csy.
sectator Csy.
similis Aust.
simulans Csy.
specter Csy.
strigilis Csy.
tenuiventris Csy.
zuni Csy.
sinuaticollis Brg. 34-29

Pa.

Echiaster Er. 40-636¹³ECHIASTER (s.str.)¹³

- ludovicianus Csy.
LEPTOGENIUS Csy. 86-214¹²
brevicornis Csy. (Leptogenius)

* * *

Leptacinus¹

- parumpunctatus Gyll. 27-481¹ W.I. N.A.
[Eur. Afr. Asia, Australia

- longicollis* Steph. 33-259¹
ampliventris Duval 54-37¹
radiosus Peyron 58-421¹
pallidipennis Mots. 58-206¹
tricolor Kr. 59-110¹
flavipennis Kr. 59-111¹
amissus Fairm. & Coqu. 60-158¹
breviceps Waterh. 77-24¹
papuensis Fvl. 78-242¹
sardous Fiori 94-94¹
rubricollis Reitt. 99-157¹
fauveli Cam. 22-114¹

¹ Blackwelder in MS.

STAPHYLININI

Diochus Er. 39-300

- * *nanus* Er. 39-301¹ S.A. C.A. W.I. N.A.
schaumi Kr. 60-27¹
parvulus Kr. 60-27¹
longicornis Shp. 76-184¹
vicinus Shp. 76-185¹
tarsalis Shp. 76-185¹
flavicans Shp. 76-185¹
inornatus Shp. 85-466¹
vilis Shp. 85-467¹
maculicollis Fvl. 91-106¹
brevipennis Csy. 06-431¹
thoracicus Csy. 06-432¹
pallidiceps Csy. 06-432¹
perplexus Cam. 22-116¹
apicipennis Cam. 22-116¹
antennalis Cam. 22-117¹
pumilio Bnhr. 29-193¹

Philonthus

- lacustrinus* Scheerp. 33-1347¹²
lacustris || Csy. 15-432¹²
thermarum Aube 50-316¹ S.A. W.I. Mo.
[D.C. Eur. Asia, Afr.
exilis Kr. 51-292¹
angustatus Kr. 59-92¹
pygmæus Kr. 59-93¹
fuscolaterus Mots. 59-76¹
inclinans Walker 59-51¹
flavolimbatus Er. 40-471¹ S.A. C.A.
[W.I. Fla.-Cal.
apicipennis Lynch 84-155¹
hepaticus Er. 40-451¹ S.A. C.A. W.I.
[Cal. Nev. Ariz. Pa. Kan. Australia
vilis Er. 40-451¹
orphanus Er. 40-452¹
nanus Melsh. 46-36¹
cinctulus Melsh. 46-37¹
palleolus Melsh. 46-37¹
rufipennis Sol. 49-317¹
varicolor Boh. 58-29¹
pyropterus Kr. 59-12¹
pauvillus Solsky 67-133¹
parvimanus Shp. 85-406¹
cinctulus Bnhr. & Schub. 14-341¹
varians Payk. 89-45¹ W.I. N.A. Eur.
[Afr. Asia.
bipustulatus Grav. 02-37¹
aterrimus Marsh. 02-513¹
nitens Grav. 02-26¹
opacus Grav. 02-26¹
bimaculatus Marsh. 02-525¹
intaminatus Steph. 32-235¹
lituratus Steph. 32-238¹
punctiventris Steph. 32-235¹
unicolor Steph. 32-224¹
costatus Baudi 48-29¹
incompletus Hochh. 49-153¹
scutatus Epp. 95-127¹
alpigradus Muls. & Rey 75-481¹
proteus Everts 22-124¹
brunneipennis Everts 22-124¹
piceicornis Grid. 20-18¹
fuscicoxis Scheerp. 33-1366¹

- longicornis* Steph. 32-237¹ S.A. C.A.
 [W.I. N.A. Eur. Afr. Asia, etc.]
fuscicornis Nord. 37-96¹
scybalarius Nord. 37-94¹
feralis Er. 40-469¹
promtus Er. 40-929¹
varians Fairm. 49-290 (not Payk.)¹
algericus Mots. 58-663¹
pedestris Walk. 59-51¹
asemus Kr. 59-86¹
perplexus Fairm. & Germ. 61-431¹
fumosus Sols. 68-134¹
lætabilis Olliff 87-501¹
linkei Bnhr. 08-34¹
rubromaculatus Bnhr. 15-9¹
piceicornis Grid. 20-18¹
ventralis Grav. 02-174¹ S.A. W.I. N.A.
 [Eur. Asia, Afr.]
anthrax Grav. 02-176¹
immundus Grav. 06-66¹
celer Grav. 06-66¹
picicollis Steph. 32-224¹
fulvipes Steph. 32-229 (not Fabr.)¹
rotundiceps Steph. 32-248¹
proximus Woll. 57-189¹
fortunatus Woll. 65-493¹
discoideus Grav. 02-38¹ W.I. N.A. Eur.
 [Afr. Asia, Hawaii]
testaceus Payk. 89-28¹
suturalis Marsh. 02-509¹
lepidulus Steph. 32-223¹
conformis Bois. & Lac. 35-398¹
ruficornis Melsh. 46-38¹
rufipennis Gerh. 10-555¹
gerhardianus Scheerp. 33-1340¹
kessleri Blatch. 36-256
multipunctatus || Blatch. 10-389
- Belonuchus**
rufipennis Fabr. 01-597¹ S.A. C.A. W.I.
formosus Grav. 06-72¹ [N.A.]
apicalis Dej. 33-63¹
pallipes Melsh. 46-35¹
schæfferi Cooper 33-545 Tex.
- Cafius** Steph. 32-345¹⁴
 * CAFIUS (s.str.)¹⁴
nudus Shp. 74-36¹⁴ Japan, Vanc.
johnsoni Fall 16-13¹⁴
 BRYONOMUS Csy. 86-313¹⁴
canescens Makl. 52-313¹⁴ Cal.-Alas.
seminitens Horn 84-236¹⁴ Cal.
 EUREMUS Brg. 34-68¹⁴
decipiens Lec. 63-40¹⁴ Cal.
sulcicollis Lec. 63-40¹⁴ Cal.
luteipennis Horn 84-237¹⁴ L.Cal.-Vanc.
bistriatus Er. 40-502¹⁴ N.Y.-Fla. W.I.
bilineatus Er. 40-503¹⁴
rufifrons Brg. 34-68¹⁴
 PSEUDOREMUS Koch 36-179¹⁴
opacus Lec. 63-40¹⁴ Cal.
lithocharinus Lec. 63-38¹⁴ Cal.
 REMUS Holme 37-64¹⁴
sericeus Holme 37-64¹⁴ Eur. Atl.Cst.
f.aguayoi Brg. 34-66¹⁵ Atl.Cst.
f.femoralis Mäkl. 53-189¹⁴ Alas.-Cal.
- Staphylinus**
caseyi Scheerp. 33-1392
quadriceps || Csy. 25-149¹²
macgregori Cooper 33-264 Ariz.
globulifer Fourc. 85-164¹⁶ Eur. Que.
edentulus Block 99-115¹⁶
morio Grav. 02-6¹⁶
- Creophilus**
 * *maxillosus* Linn. 58-421¹ C.A. W.I. N.A.
 [Eur. Asia, Afr.]
anonymus Sulz. 61-17¹
balteatus DeG. 74-18¹
fasciatus Fuess. 75-21¹
nebulosus Fourc. 85-165¹
villosus Grav. 02-160¹
ciliaris Steph. 32-202¹
arcticus Er. 39-350¹
cinerarius Er. 39-350¹
bicinctus Mannh. 43-229¹
orientalis Mannh. 43-229¹
fulvago Mots. 60-120¹
imbecillus Shp. 74-28¹
medialis Shp. 74-28¹
subfasciatus Shp. 74-28¹
pulchellus Meier 99-99¹
canariensis Bnhr. 08-334¹
- Quedius**
caseyi Scheerp. 33-1435 Man.
curtipennis || Csy. 15-414¹²
- Anacyptus** Horn 77-87
 (*Microcyptus* Horn 82-1)¹
 * *testaceus* Lec. 63-30¹ W.I. Fla.-Ariz.-
 [L.Sup.]
- Tachyporus** Grav. 02-124¹⁷
 * *nitidulus* Fabr. 81-337¹⁷ Mass.-Va.-Cal.-
brunneus Fabr. 92-535¹⁷ [B.C.]
jaber Say 34-468¹⁷
scitulus of Horn 77-105¹⁷
nanus Er. 40-240¹⁷ D.C. Pa. Mich.
rulomus Blkwr. 36-44 Alas.-Cal.-Mich.
tehamae Blkwr. 36-45 Cal.
californicus Horn 77-104¹⁷ Cal.-Wash.
stejnegeri Blkwr. 36-47 Alaska
jocosus of Lin. & Schw. 98-333¹⁷
maculipennis Lec. 66-374¹⁷ Vt.-Ga.-
 [N.M.-B.C.]
elegans Horn 77-103¹⁷ Mass.-W.Va.-
 [Okla.-Man.]
snyderi Blkwr. 36-49 D.C.-Fla.-Ky.
temacus Blkwr. 36-49 Colo. Nev. Sask.
jocosus Say 34-466¹⁷ N.H.-Fla.-Cal.-
arduus Er. 40-237¹⁷ [Y.T.]
pulchrus Blatch. 10-447¹⁷ Ind.
oregonus Blkwr. 36-51 Ore. Cal.
acaudus Say 34-467¹⁷ Mass.-Ky.-N.M.-
 [Wash.-Ont.]
maculicollis Lec. 66-374¹⁷
heterocerus Lec. MS¹⁷
angusticollis Lec. MS¹⁷
arizonicus Blkwr. 36-53 Ariz.
alleni Blkwr. 36-53 Ore.
mexicanus Shp. 83-311¹⁷ Mex. Tex.

¹ Blackwelder in Ms.¹⁴ Revision of genus, Koch—38.¹⁵ Described as valid species, Bierig—34.¹² Scheerpeltz—33.¹⁶ Chagnon—36.¹⁷ Revision of genus, Blackwelder—36.

Leucoparyphus Kr. 57-393

* silphoides Linn. 67-684¹ W.I. N.A. Eur.
[Asia, Afr.]

suturalis Panz. 94-18¹
marginalis Grav. 02-192¹
limbatus Grav. 06-12¹
pictus Er. 39-246¹
geminatus Rand. 38-39¹

Coproporus Kr. 57-399¹⁸

* (*Erchomus* Mots. 58-218)¹⁸
(*Cilea* Pand. 69-277, not Duval)¹⁸
ventriculus Say 34-466¹⁸ N.H.-Fla.-Cal.-
[Wash.-Man.]

acuductus Kby. 37-90¹⁸
affinis || Kby. 37-91¹⁸
gibbulus Er. 39-252¹⁸
punctulatus Melsh. 46-32¹⁸
flavidus Csy. 84-141¹⁸
politus || Manee 15-175¹⁸
maneei Scheerp. 34-1517
rutilus Er. 39-253¹⁸ S.A. C.A. W.I. Tex.
brevis Scriba 55-296 (not Sharp)¹⁸
lecontei Blkwr. 38-5 Ariz. Cal.
punctipennis || Lec. 63-31¹⁸
lævis Lec. 63-31¹⁸ Md.-Fla.-Tex.-Ind.
sparsus Blkwr. 38-7 Ariz.
hepaticus Er. 39-249¹ S.A. C.A. W.I.
convexus Er. 39-248¹ [Tex.-Cal.]
ignavus Shp. 76-87¹
inflatus Horn 77-107^{1 18}
arizonæ Blkwr. 38-8 Mex. Ariz. Tex.
pulchellus Er. 39-247¹ S.A. C.A. W.I.
cumanensis Scriba 55-297¹ [Fla.]
infimus Duval 57-33¹⁸
distans Shp. 76-92¹

Philoterme Kr. 57-13¹⁹

pilosus Kr. 57-14¹⁹ Mass.-D.C.-Ill.
fuchsii Kr. 57-15¹⁹ Fla.-Tenn.-Ark.
pennsylvanicus Kr. 57-15¹⁹ Mass.-D.C.-
[Ill.-Tex.]
emersoni SeEVERS 38-435¹⁹ Ind.

Atheta

fenyesianae Scheerp. 34-1607
annuliventris || Fenyès 14-49¹²
occidentalis Bnhr. (Cat. No. 5108 &
[No. 5133])

Baryodma

bilineata Gyll. 10-436⁴ Eur. N.A.

Termitonidia SeEVERS 38-428²⁰

lunata SeEVERS 38-429 Ariz.

Eburniogaster SeEVERS 38-424²⁰

termitocolus SeEVERS 38-426 Ariz.
texanus Brues 02-186²¹ Tex.

⁴ Voris in litt.¹⁸ Revision of genus, Blackwelder—38.¹⁹ Revision of genus, SeEVERS—38.²⁰ Should follow Termitogaster in Aleocharini (near Ocalea).²¹ SeEVERS—38.**PSELAPHIDÆ****Actium**

pennsylvanicum Bowm. 34-141 Pa.

Euplectus

excavatus Bowm. 34-141 Pa.

Trigonoplectus Bowm. 34-37¹

minutus Bowm. 34-38 Pa.
rostratus Bowm. 34-38 Pa.

Biblopectus

exilis Bowm. 34-141 Pa.

Batrisodes

kahli Bowm. 34-141 Tenn.

Brachygluta

mormon Bowm. 34-142 Utah

Reichenbachia

utahensis Tanner 34-43 Utah

Decarthron

setosum Bowm. 34-142 Pa.

Pselaphus

ulkei Bowm. 34-142 Can. Mass. Ida.
[S.D.]

HISTERIDÆ²**Hololeptinæ**²**Hololepta**²**Ilionota**³**Teretriinæ**²**Teretrius**²**Teretriosoma**²**Abraëinæ**²**Peploglyptus**²**Onthophilus**²**Plegaderus**²

setulosus Ross 38-50 B.C.

Bacanius²¹ To precede Acalonia, Bowman—34.² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in Genera Insectorum fasc. 166, and above.³ Leng Catalog.

Anapleus ²

- marginatus* Lec. 53-292
compactus Csy. 93-558 ⁴
mexicanus Csy. 16-248 ⁴

Abraeus ²**Acritus** ²**Saprininae** ²**Saprinus** ²

- felipæ* Lewis 13-87 Tex. ⁵
alienus Lec. 51-167
shantzi Csy. 24-200 ⁴
pennsylvanicus Payk. 11-62
profusus Csy. 93-566 ⁴
semistriatus Scriba 90-76 Eur. Afr.
[Mex. Ia.-Mich.
semipunctatus Payk. 98-45 ⁶
acuminatus Fabr. 98-37 ⁶
nitidulus Fabr. 01-85 ⁶
incrassatus Men. 32-170 ⁶
krynickyi Kryn. 32-113 ⁶
turcomanicus Men. 48-55 ⁶
subattematus Mots. 49-95 ⁶
planiusculus Mots. 49-97 ⁶
sparsipunctatus Mots. 49-97 ⁶
uralensis Mots. 49-98 ⁶
punctostriatus Mars. 62-460 ⁶
steppensis Mars. 62-460 ⁶
rugipennis Hockh. 72-225 ⁶
hockhuthi Reitt. 06-267 ⁶
subnitescens Bickh. 09-221 ⁶
imperfectus of Blatch. 10-620 ⁶
lecontei Csy. 16-262 ⁶
pacoviensis Roubal 27-94 ⁶
assimilis Payk. 11-63
simulatus Blatch. 10-621 ⁶
conformis of Blatch. 10-620 ⁶
semisulcus Hatch 29-79 ⁷
conformis Lec. 45-72
oviformis Blatch. 10-622 ⁶
sphaeroides Lec. 45-77
impunctellus Csy. 93-571 ⁶
lakensis Blatch. 10-623 ⁶
illinoensis Wolc. 12-161 ⁶
eriensis Hatch 29-82 ⁶
ontarioensis Hatch 29-82 ⁶
ohioensis Hatch 29-82 ⁶
michiganensis Hatch 29-83 ⁶
seminitens of Blatch. 10-623 ⁶
alutiger Wenzel 35-189 Wis. Ind.
prosternalis Hinton 35-78 L. Cal.
strigithorax Hinton 35-79 L. Cal.
ferrugineus Mars. 55-712
lustrans Csy. 16-269 ⁴
bigemmus Lec. 51-169
parvus Csy. 16-273 ⁴
strigularius Csy. 16-274 ⁴
fitschi Mars. 62-494
omissus Csy. 16-272 ⁴
ludovicianus Csy. 24-206 ⁴

- lucidulus* Lec. 51-170
recticollis Csy. 24-204 ⁴
diego Csy. 24-204 ⁴
obsolescens Csy. 24-205 ⁴
dimidiatipennis Lec. 24-170
palmatum Say 25-42 (or aberr.) ⁵

Bäckmanniolus Rehd. 26-12 ⁹

- balloui* Hntn. 35-80 ⁹ L. Cal.
gaudens Lec. 51-165 Cal. Mex.
guardens Hntn. 35-81 ⁹
palmatum Say 25-42 ⁹ E. U.S.
serrulatus Lec. 51-165 ⁹ Cal.

Chelyoxenus ²

- * *xerobatis* Hubb. 94-309 Fla.
repens Csy. 16-262 ⁴
insolitus Csy. 16-263 ⁴

Gnathoncus ²**Dendrophilinae** ²**Dendrophilus** ²

- punctatus* Hbst. 92-41
punctulatus Say 25-45 ¹⁰
xavieri Lewis ¹⁰ Japan
sexstriatus Hatch 38-18 Iowa
tularenensis Ross 37-67 Cal.

Xestipyge ²**Carcinops** ²

- gilensis* Lec. 51-164
uteana Csy. 16-242 ⁴
consors Lec. 51-164
papagoana Csy. 93-554 ⁴
nigra Csy. 16-242 ⁴
opuntiae Lec. 51-164
bisculpta Csy. 16-243 ⁴
perlata Csy. 16-244 ⁴

Paromalus ²**Isolomalus** ²

- seeversi* Wenzel 37-266 Kan.
seminulum Er. 34-171
ovulatus Csy. 16-246 ⁴

Histerinae**TRIBALINI** ²**Epierus** ²**Stictostix** ²**Tribalister** ²**Idolia** ²**Cærosternus** ²

² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera-Insectorum* fasc. 166, and above.

⁴ Wenzel in litt.

⁵ Ballou in litt.

⁶ Wenzel—39.

⁷ Wenzel—35.

⁸ Leng & Mutchler—34.

⁹ Hinton—35.

¹⁰ Wenzel in litt. (after Ross).

PLATYSOMINI²Cylistix²

- cylindrica* Payk. 11-91
parvula Csy. 24-198⁴

Platysoma²

- depressum* Lec. 45-40
pinorum Csy. 16-202⁴
tabellum Csy. 93-551⁴

Omalodes²HISTERINI²Psiloscelis²Hister²

- felipæ* Lewis 01-373⁵ Kans.
ænigmaticus Wenzel 37-267 Ind.
semiruber Csy. 93-539
solaris Carn. 15-144⁴
militaris Horn 70-135 Cal. Ore. Wash.
oregonus Csy. 93-549¹¹
electus Csy. 93-548¹¹
simplicipes Fall 01-235¹¹
ciliatus Lewis 88-199¹² Mex. Ariz.
sexstriatus Lec. 51-163
maritimus Csy. 16-214¹¹
s.jacobianus Csy. 16-215¹¹
stygius Lec. 45-48
jaquesi Hatch 29-76⁶
interruptus Beauv. 05-180
immunis Er. 34-143⁶
albertensis Hatch 26-275⁶
carri Hatch 26-276⁶
foedatus Lec. 45-50
texensis Csy. 24-217⁴
 PARALISTER Bickh. 16-188
cognatus Lec. 45-28¹³ N.Y.-Can.-Tex.
unicus Csy. 93-547^{5 13}
sinuosus Lewis 00-231¹³
marginicollis Lec. 45-28¹³ Ill. Ind.
remotus Lec. 59-70¹³ Cal. Ore.
semisculptus Lec. 63-60¹³ Ill.
californicus Mars. 54-115¹³ L.Cal. Mex.

* * *

- abbreviatus* Fab. 75-53
coloradensis Csy. 24-198⁴
depurator Say 25-33
furtivus Lec. 59-313⁴
circinans Csy. 16-220⁴
osulatus Blatch. 10-607
puncticollis Schffr. 12-26⁶
grandis Wenzel 39-13 Iowa
fungicola Schffr. 12-27
namulus Csy. 16-224⁴
indistinctus Say 25-35
debilicinus Csy. 24-197⁴
densicauda Csy. 16-222
cribricauda Csy. 16-222⁴
americanus Payk. 11-31
diffractus Csy. 16-225⁴

- pollutus* Lec. 59-7
lævicauda Csy. 16-227⁴
fluviatilis Csy. 16-228⁴
tornatus Lec. 80-190⁴ N.C. Ga.

Margarinotus²EXOSTERNINI²Phelister²

- (conquisitus* Lewis, not No. American)⁹

Pseudister⁹

- hospes* Lewis 02-236⁸ N.Y.

Hetæriinæ²HETÆRIOMORPHINI²Terapus²

- arizonensis* Ross 38-48 Ariz.

Ulkeus²HETÆRIINI²Reninus⁴

- salvini* Lewis 88-220⁴ Tex.

Echinodes²Hetærius²

- wagneri* Ross 38-49 Cal.

LYCIDÆ

Plateros

- californicus* VanD. 18-1
columbiensis Brown 29-108¹

LAMPYRIDÆ

Aspidosoma

- ignitum* Linn. 67-645² Tex. Mex.-Bra.

Phausis

- nigra* Hopp. 37-89 B.C.

CANTHARIDÆ

Cantharis

- perpallens* Fall 36-179 Cal.
imbecillus Lec. 51-342 Pa. Conn.
mimus Fall 36-182 N.J.
mollis Fall 36-182 N.H.-Pa.
pusillus of Lec. 1881 (not Lec. 1851)³

¹¹ Ross—37.¹² Ballou & Siepmann—38.¹³ Revision of subgenus, Wenzel—37.¹ Fall—34.² Fall—37.³ Fall—36.

<i>greenei</i> Fall 36-183	W. Va.	<i>Allonyx</i> ⁵	
<i>lecontei</i> Fall 36-180		<i>Pseudallonyx</i> ⁵	
<i>collaris</i> Lec. 51-340 ³		<i>Vectura</i> ⁵	
<i>tuberculatus</i> Lec. 51-341		<i>fulvescens</i> Blais. 34-71	Cal.
<i>impressus</i> Lec. 51-341 ³		<i>Dasytastes</i> ⁵	
<i>brevicollis</i> Lec. 51-341 ³		<i>Mecomyceter</i> ⁵	
<i>armiger</i> Couper 65-62 ³		<i>Pseudasydates</i> Blais. 38-18 ⁵	
		<i>inoensis</i> Blais. 38-18	Cal.
MELYRIDÆ ⁴		<i>Eudasytes</i> ⁵	
Malachinæ ⁴	Wyo.	<i>sinuatus</i> Blais. 37-138	Cal.
<i>Collops</i>		<i>Asydates</i> ⁵	
<i>bridgeri</i> Tanner 36-153		B. C.	
<i>Malachus</i>	Ut. Ida.	<i>Sydatopsis</i> ⁵	
<i>utahensis</i> Tanner 36-153		<i>Cradytes</i> ⁵	
<i>antennatus</i> Hopp. 37-90	B. C.	<i>Eutricholistra</i> ⁵	
<i>Tanaops</i>	Ariz.	<i>Byturosoma</i> ⁵	
<i>testaceus</i> Marshall 37-164		<i>Trichochrous</i> ⁵	
<i>Attalus</i>	B. C.	<i>cupripilosa</i> Blais. 37-140	Cal.
<i>smithi</i> Hopp. 37-91		<i>calcaratus</i> Fall 34-142	Is. off Cal.
Rhadalinæ ⁴		<i>Trichochronellus</i> Blais. 38-23 ⁵	
Melyrinæ ⁴		<i>stricticollis</i> Csy. 95-532 ^{5 10}	Cal.
DASYTINI ⁵		<i>Holomallus</i> Gorch. 86-325 ⁵	
<i>Symbolus</i> ⁵		<i>Eutrichopleurus</i> Blais. 38-24 ⁵	
<i>Eucymbolus</i> ⁵		<i>seriellus</i> Csy. 95-506 ^{5 10}	Utah
<i>Dolichosoma</i> ⁵		<i>Emmenotarsus</i> ⁵	
<i>Pristoscelis</i> ⁵		<i>Trichochroides</i> Blais. 38-25 ⁵	
<i>Eschatocrepis</i> ⁵		<i>sexualis</i> Csy. 95-524 ^{5 10}	Cal.
<i>Dasytes</i> ⁵		<i>Sydates</i> ⁵	
<i>blaisdelli</i> Pic 37-65	U. S.	<i>Listromimus</i> ⁵	
<i>subæneus</i> Blais. 26-12 ⁵		<i>Listromorpha</i> Blais. 21-188 ⁵	
<i>Dasytellus</i> ⁵		<i>Adasytes</i> ⁵	
<i>Vecturoides</i> Fall 30-255 ⁵		<i>Amecocerus</i> Sol. 49-419 ⁵	
(<i>Menovectura</i> Blais. 31-181) ⁵		(<i>Listrus</i> Mots. 59-389) ^{5 11}	
<i>Amphivectura</i> Blais. 38-13 ⁵		<i>caseyi</i> Pic 37-99	U. S.
<i>monticola</i> Blais. 34-151 ^{5 7}	B. C.	<i>subæneus</i> Csy. 95-342 ⁵	
<i>Hoppingiana</i> Blais. 24-2 ⁵		<i>regalis</i> Blais. 38-165	Cal.
<i>hudsonica</i> Lec. 66-360		<i>vanduzeei</i> Blais. 34-317	Cal.
<i>brevilabris</i> Blais. 24-3 ^{5 9}		<i>coalingensis</i> Blais. 36-187	Cal.
<i>kingi</i> Brown 28-147 ⁵		<i>gentryi</i> Blais. 36-185	Cal.
<i>Leptovectura</i> ⁵		<i>minus</i> Blais. 36-184	Cal.
		<i>coronadensis</i> Blais. 39-57	L. Cal.
		<i>robustus</i> Blais. 37-143	Wyo.
		<i>wyomingensis</i> Blais. 37-141	Wyo.
		<i>Listropsis</i> Blais. 24-1 ⁵	
³ Fall—36.			
⁴ Subfamilies rearranged by Blaisdell—38.			
⁵ Genera rearranged by Blaisdell—38.			
⁶ Pic—37.			
⁷ Described in <i>Hoppingiana</i> , Blaisdell—34.			
⁸ Blaisdell—34.			
⁹ Blaisdell—38.			
		MELYRINI ⁵	
		¹⁰ Described in <i>Trichochrous</i> .	
		¹¹ Listed as valid by Blaisdell—38.	

CLERIDÆ

The proper date of the following Leconte species should be 1849 instead of 1852: 7531, 7545 syn., 7561, 7565, 7597 syn., 7602 syn., 7610 syn., 7614, 7615, 7630a syn., 7643, 7647a, 7647a syn., 7660, 7661, 7679, 7681, 7689, 7714, and the genus *Elasmocerus*.¹²

Tillinæ¹³

Monophylla Spin. 41-75¹³

(*Elasmocerus* Lec. 52-13)¹³

(*Macrotehus* Spin. 41-75)¹³

Callotillus Wolc. 11-115¹³

vafer Wolc. 21-270 Ariz. S.Cal¹²

Tillus Oliv. 90-22¹³

(*Cylinder* Voet 69-06—78)¹³

(*Tilloidea* Cast. 32-398)¹³

Perilypus Spin. 41-72¹³

Cymatodera Gray 32-375¹³

neomexicana Knull 34-9 N.Mex.

xanti Horn (Locality should be L.Cal.)¹²

peninsularis Schffr. (Locality should be

[Lower Cal., Ariz.]¹²

fuchsi Schffr. 04-216

?comans Wolc. 10-351¹²

7563, for 65-95 read 66-95¹²

7568a, for 65-95 read 66-95¹²

7569, for 04-127 read 04-217¹²

cephalica Schffr. (Locality should be

[Cal.]¹²

purpuricollis Horn (Locality should be

[Lower Cal.]¹²

Bostrichoclerus VanD. 38-189

bicornis VanD. 38-190 Gulf of Cal. Is.

Hydnocerinae¹³

Hydnocera Newm. 38-379¹³

7640, for 08-333 read 08-133¹²

7642, for 65-97 read 66-97¹²

7668, for 67-135 read 68-135¹²

(*lateralis* Gorh., not *No. American*)¹²

suturalis Klug

limbata Spin. 44-49¹²

verticalis Say

brachyptera Klug 42-313¹²

Isohydnocera Chpn. 17-83¹³

nigrina Schffr. 08-134¹² Ariz.

7687, for 65-97 read 66-97¹²

(*Erolestes* Wolc., not *North American*)¹²

(*cleroides* Wolc., not *No. American*)¹²

¹² Wolcott in litt.

¹³ New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23.

Phyllobæniinae¹³

Phyllobænus Spin. 44-1¹³

Clerinae¹³

Priocera Kby. 18-389¹³

chiricahuæ Knull 39-27 Ariz.

Opilo Latr. 02-111¹³

(*Eupocus* Ill. 07-341)¹³

(*Notoxus* of authors)¹³

(*Opilus* of authors)¹³

Serriger Spin. 41-73¹³

Ref. to Wolcott on p. 28 Suppl. 1 should

[read 22-77].¹²

Cleronomus Klug 42-282¹³

(*Derestenus* Chev. 43-13)¹³

(*Colyphus* Spin. 44-133)¹³

furcatus Schffr. 04-218¹² Tex.

haagi Chevr. 76-12¹² Mex. Tex.

melanopterus Dury 06-251¹² Ohio

subcostatus Schffr. 17-131¹² Fla.

thoracica Oliv. 95-18¹²

monilis Melsh. 46-307¹²

ornaticollis Lec. 80-194¹²

v.pallipes Wolc. 12-55¹² Ill. Kan. Ia.

[Neb.]

Thanasimus Latr. 06-270¹³

(*Cleroides* Schöff. 77-137)¹³

(*Pseudoclerus* Duval 60-196)¹³

7582, for 70-342 read 71-342¹²

undatulus Say 35-163

undulatus of authors¹²

Clerus Fabr. 75-157¹³

(*Enoclerus* Gahan 10-62)¹³

lecontei Wolc. 10-359

nigriventris || Lec. 61-351¹²

liljebladi Wolc. 22-73 Mich. N.Y.¹² Pa.¹²

erro Wolc. 22-68 (*Thanasimus*)¹² Ariz.

inyoensis VanD. 38-191 Cal.

(*quadriguttatus* Oliv., not *No. Amer.*)¹²

abdominalis Chevr. 34-52 Mex. Ariz.

zonatus Klug 42-297¹²

v. spinolæ Lec. 53-230¹² Mx. Ar. Cal.

[Kan.¹²

bombycinus Chevr. 33-42 Cal.¹²

sphegeus Fabr. 87-125

sobrius Walk. 66-326

sobrinus of authors (not Cast.)¹²

Placopterus Wolc. 10-363¹³

(*Phlæpterus* of authors)

(*Plæopterus* of authors)

(*Pæcilochoa* Chevr. 76-5)¹³

cyanipennis Klug 42-307¹⁴ Mex.

v.dasytoides Westw. 49-50¹⁴ Mex. Tex.

¹⁴ Only representative in North America—Wolcott—in litt.

Aulicus Spin. 41-74¹³
(nero Spin., *not North American)*¹²
humeralis Linsley 36-252¹⁵ L.Cal.
 [Gulf Cal.Is.
femoralis Schffr. 17-132¹⁵ Ariz. Tex.
monticola Gorh. 82-146¹⁵ Mx. Tex. Ar.
fissipes Schffr. 21-155¹⁵ Ariz. L.Cal.
nigriventris Schffr. 21-156¹⁵ Mex. Ariz.
dentipes Schffr. 21-157¹⁵ Tex. Ariz.
terrestris Linsley 33-95¹⁵ 16 Cal.
bicinctus Linsley 36-255¹⁵ Cal.

(Sallæa Chevr., *not North American)*¹²
(coffini White, *not North American)*¹²

Xenoclerus Schenk. 02-327¹³

Trichodes Hbst. 92-154¹³
(Pachyscelis Hope 40-139)¹³
interruptus Lec., for 52-88 read 49-18¹²
peninsularis Horn (Locality should be
 [Lower Cal.]¹²
ornatus Say (Locality should be Dak.
 [Colo.-Pac.-Alas.]¹²
nuttalli Kby. (Add locality Colo.)¹²

Thaneroclerinae¹³

Thaneroclerus Lef. 38-13¹³
(Isoclerus Lewis 92-191)¹³
(Thaneclerus Chenu 60-247)¹³
(Thanateroclerus Gemm. & Har.
 [69-1739])¹³

Ababa Csy. 97-653¹²
(Prionostichæus Wolc. 11-125)
(Prionodera || Wolc. 10-396)

Enopliinae¹³

Ichnea Cast. 36-55

Chariessa Perty 30-109¹³
(Brachymorphus Chevr. 35-150)¹³
 7707, for 57-48 read 60-48¹²

Pelonium Spin. 44-347¹³ 17
(Corinthiscus Frm. & Grm. 61-4)¹³
(Philyra Cast. 36-53)¹³
(Tarandocerus Chevr. 76-7)¹³ 17

Cregya Lec.,¹³ for 62-197 read 61-197¹²
 7717, for 65-98 read 66-98¹²

Orthopleura Spin. 44-80¹³
(Dermestoides Schaeff. 71-220)¹³
damicollis
bimaculata Melsh. 46-307¹²
(quadraticollis Spin., *not N. Amer.*)¹²

Pelonides Kuw. 94-8¹³
(Enoplium of authors)¹³
 7699, for 67-135 read 68-135¹²
(militaris Chevr., *not No. American)*¹²

¹² Wolcott in litt.

¹³ New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23

¹⁵ Revision of genus, Linsley—36.

¹⁶ Linsley—33-88.

¹⁷ Listed as synonyms of *Chariessa* by Wolcott in litt.

similis Knull 38-97 Tex.
perroudi Pic 33-12 (Pyticera) Tex.
 7704, for 65-99 read 66-99¹²

Korynetinae¹³

Lebasiella Spin. 44-77¹³
marginella Chevr. 43-42¹² ?Cal. Nev.

Korynetes Hbst. 92-148¹³
(Corynetops Duval 61-201)¹³
(Corynetes of authors)¹²
maculicollis
v.nigricollis Wolc. 27-110¹² Cal.

Necrobia Oliv. 95-76¹³
(Agonolia Muls. 64-122)¹³

Tarsostenus Spin. 44-287¹³

Opetiopalpus Spin. 44-110¹³
(Opetiopselaphus Gemm. & Har.
 [69-1759])¹³

CEPHALOIDÆ

Cephaloon Newm. 38-377¹³
ungulare Lec. 74-275 N.H.-N.C. L.Sup.
pacificum VanD. 28-260 Cal.-B.C.
lepturides Newm. 38-377 Me.-Pa.-Mich.
lepturoides Hald. 48-95¹³
varians Hald. 48-95¹³
bicolor Horn 96-381 Cal. B.C.
tenuicornis Lec. 74-275 B.C.-Alb.-Wash.-
piceum Horn 96-380¹³ [Mont.
ornatum Csy. 97-652¹⁸
versicolor Csy. 97-651¹⁸
vandykei Hopp. & Hopp. 34-69 Cal.

MORDELLIDÆ

Mordellistena¹⁹
frosti Lilj. Me.
erratica Smith Fla.
bifasciata Ray 36-125 Ill.
bicinctella Lec. Fla. S.St. Ind. O.
confusa Blatch. Ind.
ozarkensis Ray 36-125 Ill.
tarsalis Smith Tex.
 * * *
rubrofrontalis Ray 36-127 Ind.
tiara Ray 36-127 Ill. Mass.
rufoccephala Ray 36-128 Ill.

Pentaria Muls. 56-391²⁰
(Anthobates || Lec. 50-23)²⁰
(Anthobatula Strand 29-23)²⁰

¹⁸ Revision of genus, Hopping & Hopping—34.

¹⁹ Revision of part of section I, Ray—36.

²⁰ Mequignon—37.

MELOIDÆ²¹

Nemognathinæ

ZONITINI

- Zonitis Fabr. 75-126²¹
 (*Nemognatha* Ill. 07-333)²¹
 (*Nematognatha* Gemm. & Har.
 [70-2163])²¹
- apicalis Lec. 53-345 B C. Cal. Ariz.
bicolor Walk. 66-331²¹
walkeri Beaur. 89-212²¹
- arizonica VanD. 29-132
- atripennis Say 23-306 Ark. N.M.
- bilineata Say 17-22 Conn.-Minn.
lineata Melsh. 46-53²¹
mandibularis Melsh. 46-53²¹
- bridwelli Wellm. 12-38 Cal.
 calceolata Guer. 29-136 N.A.
 californica Wickh. 05-171 Cal.
 cribraria Lec. 53-348 M.W.St.
 cribricollis Lec. 53-348 Ind.-Tex.-Ariz.
fuscipennis Lec. 53-349²¹
porosa Lec. 53-349²¹
- dichroa Lec. 53-346 Mont. Or. Cal. ?Ar.
 dubia Lec. 53-346 Cal. Ore.
 dunniana Csy. 91-170 Tex.
 flavida Lec. 53-349 N.M. Cal.
 immaculata Say 17-22 Kan. Colo. N.M.
 [Ariz.]
- longicornis Horn 70-93 Ill. Fla.
 lurida Lec. 53-345 Mex. Kan. Ar. Ore.
decepiens Lec. 53-347²¹
rufa Duges 89-111²¹
- lutea Lec. 53-346 Kan. Ariz. Cal.
pallens Lec. 53-346²¹
- martini Fall 07-257 N.Mex.
 nemorensis Hentz 30-258 Fla.-Ind.
bimaculata Melsh. 46-54²¹
ruficollis Beaur. 90-474²¹
- nigra Lec. 53-346 "Benicia"
 nigripennis Lec. 53-347 N.M. Cal.
 perforata Csy. 91-170 Tex.
 plezata Fab. 94-104 Mex. Fla.-Ariz.-
vittata Fab. 01-24²¹ [Mont.]
texana Lec. 53-347²¹
- v.bicolor Lec. 53-345 Kan. Colo.
discolor Lec. 58-77²¹ [Tex.]
stellaris Beaur. 90-465²¹
- ?v.palliata Lec. 53-346²¹ L.Sup. Mont.
 punctipennis Lec. 80-214 Ariz.
 punctulata Lec. 53-347 Ga.
 v.flavipennis Uhler 55-418²¹ Va. Ind.
 rufa Lec. 54-85 Tex. Mex.
rubra Duges 70-166²¹
- schaefferi Blatch. 22-28 Fla.
 scutellaris Lec. 53-347 Cal. Utah
 sparsa Lec. 68-53 Colo. N.M.
 sulcicollis Blatch. 10-1357 Ind.

²¹ Revision of entire family by Denier—35. A few of our species are not mentioned, and the genus *Pyrota* is from Denier—34 where it was more completely treated. Other additions follow this revision.

- vermiculata Schffr. 05-138 Utah
 vigilans Fall 07-257 Cal.
 vittigera Lec. 53-348 Ind.-Tex.-Ariz.
 vittipennis Horn 75-155 Ariz.
 zonitoides Duges 89-110 Mx. Guat. Tex.

- Gnathium Kby. 18-425²¹
 francilloni Kby. 18-426 Mex. Tex. Ga.
flavicolle Lec. 58-23²¹
 longicolle Lec. 58-77 Tex.
 minimum Say 23-306 Mx. Kan.-Ark.-Ar.
walckenaeri Cast. 40-281²¹
 nitidum Horn 70-95 Mex. Cal. Ariz.
 texanum Horn 70-94 Tex. Ariz.

SITARINI²¹

- Tricrania Lec. 60-320²¹
 (*Horia* Lec. 62-270)²¹
 murrayi Lec. 60-320 Ore.
 sanguinipennis Say 23-279 Conn.-Ind.
- Tricraniodes Wellm. 10-219²¹
 stansburyi Hald. 52-377 Utah

HORNIINI²¹

- Hornia Riley 77-564²¹
 minutipennis Riley 77-564 Mo.
- Leonidea Ckll. 00-11²¹
 (*Leonia* Duges 89-211)²¹
 anthophoræ Mickel 28-38 Colo.
 neomexicana Ckll. 99-416 N.M. Kan.
gigantea Wellm. 11-16²¹

HORIINI²¹

- Cissites Latr. 04-154²¹
 (*Horia* Fabr. 87-164, part)²¹
 auriculata Champ. 92-372 C.A. Mx. Ar.
maculata || Lec. & Horn 83-417²¹

Meloinë²¹

EPICAUTINI

- Epicauta Redt. 45-621²¹
 (*Isopentra* Muls. 58-106)²¹
 (*Apterospasta* Lec. 62-272)²¹
 (*Macrobasis* Lec. 62-272)²¹
- abadona Skinner 04-217 Ariz.
 alastor Skinner 04-217 Ariz.
 albida Say 23-305 Mex. Kan. Colo.
luteicornis Lec. 54-84²¹
- albolineata Duges 77-64 Mex. Ariz.
duplicata Csy. 91-172²¹
- alphonsii Horn 74-38 Cal.
 atrovittata Lec. 54-224 Tex.-Ariz.
 batesi Horn 75-153 Ga.
 borrei Duges 81-145 Mex. ?U.S.
fumosa || Haag 80-40²¹
fumea Champ. 99-178²¹

- callosa* Lec. 66-158 Dak.-Tex.
caviceps Horn 73-99 Ariz.
cinerea Forster 71-62 M.St. Ind. Conn.
fimbriata Thunb. 91-109²¹
clematidis Woodh. 00-213²¹
v.marginata Fabr. 75-260²¹ Conn. Ind.
corvina Lec. 58-21 Mex. Colo. Ariz.
nigerrima Duges 70-162²¹
excors Fall 09-166 L.Cal.
fallax Horn 85-111 Cal.
ferruginea Say 24-298 Can.-N.M. Ariz.
? Sartorii Haag 80-56²¹ Mex.
fissilabris Lec. 50-232 L.Sup. H.B.T.
flavocinerea Blatch. 10-1359 Ind.
foxi VanD. 29-127 Cal.
funebri Horn 73-102 Tex.
gissleri Horn 78-58 N.M.
heterodera Horn 91-43 Fla.
immaculata Say 23-301 Ind.-Col.-Tex.-
articularis Say 23-301²¹ [Ariz.
fulvescens Lec. 53-447²¹
impressifrons VanD. 28-262 Cal.
ingrata Fall 07-258 N.M.
insignis Horn 85-110 Ariz.
languida Horn 95-252 L.Cal.
lauta Horn 85-108 Ariz.
lemniscata Fabr. 01-279 Fla.-Kan.
vittata Duges 86-582²¹ Mex.
dugesii Beaur. 89-ccxiii²¹
levettei Csy. 91-171 Colo.
linearis Lec. 58-23 Tex.
maculata Say 23-298 Ill.-Ore.-N.M.
v.consperata Lec. 53-340²¹
punctuata Duges 70-161²¹ Mex.
maura Lec. 51-162 Cal.
merkeliana Horn 91-43 Ariz.
nigra Duges 70-161 Mex. U.S.
? funebri Horn 73-102²¹
melanochroa Wellm. 10-24²¹
nigritarsis Lec. 53-340 Tex.
oblita Lec. 51-162 Cal. Ore.
ochrea Lec. 53-342 Tex. Ariz.
protarsalis Duges 77-63²¹ Mex.
oregona Horn 75-153 Ore.
pardalis Lec. 66-157 Ariz. Tex.
pedalis Lec. 66-157 L.Cal. Tex.
pennsylvanica DeG. 75-15 Can.-Car.-
atrata Fabr. 75-260²¹ [Tex.
nigra Woodh. 00-213²¹
coracina Ill. 04-171²¹
morio Lec. 53-447²¹
potosina Duges 89-89²¹ Mex.
pruinosa Lec. 66-158 Kan.-Utah
puncticollis Mannh. 43-288 Cal. Or. Ida.
purpurea Horn 85-108 Mex. Ariz.
purpureipennis Champ. 99-186²¹
rileyi Horn 74-37 Ariz.
ruidosana Fall 07-258 N.Mex.
sanguinicollis Lec. 53-344 Fla.
segmentata Say 23-303 La.-Ariz. Mont.
valida Lec. 58-39²¹
cinotithorax Duges 89-56²¹ Mex.
sericans Lec. 66-158 Kan.-Ariz. Ore.
fimmerita Walk. 66-330²¹
straba Horn 91-42 Cal.
- strigosa* Gyll. 17-18 Pa.-Fla.
nigricornis Melsh. 48-53²¹
ferruginea Lec. 53-341²¹
stuarti Lec. 68-54 N.M. Kan. Colo.
subglabra Fall 22-173 Alb. Sask.
tenella Lec. 58-23 Tex. Ariz.
tenuelineata Horn 94-436 L.Cal. Ariz.
tenuis Lec. 53-343 Ga. Fla.
torsa Lec. 53-343 Tex. Mass. Ind.
trichrus Fall. 98-100 Can.-Pa.-Tex.
convoluti Melsh. 48-53
trichura Wellm. 10-24.
v. atrata Melsh. 47-53²¹
unicolor Kby. 37-241 Can.-Ga.-Ind.-Ariz.
cinerea Fabr. 98-119²¹
fabricii Lec. 53-343²¹
? debilis Lec. 53-344²¹ L.Sup.
? murina Lec. 53-344²¹
virgulata Lec. 66-156 L.Cal.
vittata Fabr. 75-260 Can.-Ct.-Ia.
chapmani Woodh. 00-214²¹
watsoni Blatch. 18-58 Fla.
wheeleri Ulke 75-812 Ariz.
- Pleuropompha* Lec. 62-273²¹
costata Lec. 54-84 Tex.
- Gnathospasta* Horn 75-154²¹
mimetica Horn 75-154 Tex.
- Henous* Hald. 52-377²¹
(Nomaspis Lec. 66-156²¹
confertus Say 23-231 Mo. Tex.
techamus Hald. 52-377²¹
parvulus Hald. 52-377 Ut. N.M.
- LYTTINI²¹
- Lytta* Fabr. 75-260²¹
(Cantharis Geoff. 62-339)²¹
(Tetraolytta Pic 19-3)²¹
(Picella Denier 34-?)²¹
æneipennis Lec. 51-160 Cal.
agrestis Fall 01-302 Ariz.
arborea Wellm. 12-34 Cal.
auriculata Horn 70-91 Cal. L.Cal.
biguttata Lec. 53-332 Ariz.-Mont.
v. bivirgata Duges 77-140²¹ Mex.
alfredi Duges 89-98²¹
blaisdelli Fall 09-166 Cal.
childi Lec. 57-52 Cal. L.Cal.
chloris Fall 01-303 Cal.
compressicornis Horn 70-91 Cal.
convexa Lec. 53-336 Tex. Colo.
cribrata Lec. 53-447 Tex.
crotchi Horn 74-38 Cal.
cyanipennis Lec. 51-160 Ut.-Or. Can.
salicis Lec. 51-161²¹
deserticola Horn 70-90 Ariz. N.M.
difficilis Fall 01-303 Cal.
eucera Chev. 34-56 Mex. Tex.
spectabilis Cast. 40-273²¹
fulvipennis Lec. 53-331 Colo. Tex.
cardinalis Lec. 53-447²¹
funerea Fall 01-301 Cal.

²¹ Denier—35.

- hoppingi* Wellm. 12-35 Cal.
incommoda Horn 83-312 Cal.
nunenmacheri Wellm. 12-36²¹
infidelis Fall 01-303 Wash.-Cal.
insperata Horn 74-39 Cal.
lecontei Heyden 90-99 Mex. Tex.
dichroa || Lec. 53-332²¹
lugens Lec. 51-161 Cal.
maculicollis VanD. 29-130 Cal.
magister Horn 70-90 Cal. Ariz.
melæna Lec. 58-76 Ariz. Cal. L.Cal.
mœrens Lec. 51-216 Cal.
molesta Horn 85-111 Cal.
morosa Fall 01-301 Cal.
mutilata Horn 75-155 Mex. Ariz.
nigrocyanæa VanD. 29-129 Colo.
nitidicollis Lec. 51-160 Cal. L.Cal.
nuttalli Say 23-300 Can. Kan. Colo.
fulgifera Lec. 49-90²¹ [Mont.
occipitalis Horn 83-312 Cal.
pilsbryi Skinner 06-217 Tex.
puberula Lec. 66-162 Ariz. Colo.
variabilis Horn 85-107²¹ Mex.
purpurascens Fall 01-302 Cal.
quadrifasciata Chev. 34-79 C.A. Tex.
rathvoni Lec. 53-335 Cal.
refulgens Horn 70-91 Cal.
reticulata Say 23-305 Kan. Colo. N.M.
sphæricollis Say 23-299 Kan.-Wash.
chalybea Lec. 51-160²¹
chalybeata Gemm. 70-124²¹
stolidia Fall 01-302 Cal.
tenebrosa Lec. 51-160 Cal.
ulkei Beaur. 89-212 Nev. Cal.
lugubris Ulke 75-812²¹
viridana Lec. 66-162 Kan.-Man.
vulnerata Lec. 51-159 Cal. Nev. Ore.
angulicollis Duges 89-105²¹ Mex.
v. cooperi Lec. 54-18¹² Cal. Wash. Ida.
- Tetraonyx* Latr. 05-204²¹
(Jodema Pasc. 62-57)²¹
albipilosa VanD. 29-127 Tex.
dubiosus Horn 94-440 L.Cal.
frontalis Chev. 33-14 Mex. Tex.
v.femoralis Duges 70-104²¹
 [Mex. Ariz.
quadrifasciatus Fabr. 75-50 W.I.
ruficollis Oliv. 95-14²¹ [Fla.-S.C.
- Pyrota* Dej. 33-224^{21 22}
akhurstiana Horn 91-42 Ariz. N.M. Mex.
bilineata Horn 85-115
 [Colo. Ariz. N.M. Tex.
concinna Csy. 91-174 Tex.
dakotana Wickh. 03-73 S.Dak.
discoidea Lec. 53-338 Tex.
dispar Germ. 24-171 S.A.
v.brunneipennis Denier 34-60²²
dispar Germ. 24-171²² U.S.
divirgata Vill. & Pen. 67-15 Tex. Mex.
nigrovittata Haag 80-51²²
virgata Schffr. 05-177²²
- engelmanni* Lec. 48-91
 [Ind. Miss. Tex. N.M.
germari Hald. 43-303 Md.-Ga.
mutata Gemm. 70-124²²
insulata Lec. 53-22 Tex. Mex.
invita Horn 85-114 Tex.
v.limbalis Lec. 66-160²² Va. Fla.
lineata Oliv. 95-14 Fla.-Tex.
mylabrina Chev. 34-3
 [Ariz. N.M. Mex.
obliquefascia Schffr. 08-320 Ariz.
postica Lec. 66-160 Tex.-Ariz. Mex.
maculata (Klug) Lac. 59-4²²
plagiata Haag 80-49²²
lacordairei Berg 81-303²²
punctata Csy. 91-173 Tex.-Ariz. Mex.
sinuata Oliv. 95-9 S.C. Fla. La.
afzeliana Fabr. 01-78²²
tenuicostata Duges 77-60 Tex. Mex.
dubitalis Horn 85-113²²
vittigera || Lec. 58-22²²
? rufipennis Cr. 74-114²²
terminata Lec. 66-159 Mo.-Ut. L.Cal.
trochanterica Horn 94-439 L.Cal.
- Pomphopœa* Lec. 62-273²¹
ænea Say 23-301 Pa. Ill. Tex.
nigricornis Lec. 48-90²¹
filiformis Lec. 48-91²¹
tarsalis Bland. 64-71²¹
polita Say 23-302 Fla.-S.C.
v.femoralis Lec. 53-336²¹ Fla. La.
pedestris Harold 70-124²¹
sayi Lec. 53-336 Can. Ct.-Ill. Tex.
ænea var. Say. 24-228²¹
pyrivora Fitch 56-354²¹
texana Lec. 66-161 Tex.
ungicularis Lec. 66-160 Ill. Ct.
- Poreospasta* Horn 67-139²¹
polita Horn 67-139 Cal.
sublævis Horn 67-140 Cal.
- Meloe* Linn. 58-419²¹
 TREIODONS Duges 70-102²¹
barbarus Lec. 61-354 Is. off Cal.
lævis Leach 15-249 W.I. C.A. Mex.
cordilleræ Chev. 29-133 [N.M.
sublævis Lec. 54-84²¹ [Ariz.
tridentatus Jimenez 66-225²¹
tucci Pen. & Barr. 66-11²¹
opacus Mots. 73-48²¹
- PROSCARABÆUS Schrank 81-
 [225²¹
(Cnestocera Thoms. 59-124)²¹
afer Bland 64-70 Neb.
americanus Leach 15-251 Ga. Ind. Can.
s.occidentalis VanD. 28-422²¹
 [Id. Colo. Alb.
angusticollis Say 23-330 Can. Pa. Ind.
rugipennis Lec. 53-328²¹
californicus VanD. 28-426 Cal. Wash.
carbonaceus Lec. 66-155 Neb.
franciscanus VanD. 28-437 Cal. Nev.

²² This genus is generally credited to Leconte (1862) but was amply validated by Dejean in 1833.

- impressus* Kby. 37-242 Can. Ind.
americanus Brandt & Er. 32-118²¹ Can.
v. niger Kby. 37-241 N.Y.
mærens Lec. 53-328 Mont.
montanus Lec. 66-155 Cal.
opacus Lec. 61-354 Pa.
perplexus Lec. 53-329 Cal.
quadrifrons VanD. 28-431 Alas. Cal.
strigulosus Mannh. 52-349 Cal.
tinctus Lec. 66-155 Neb.
- Calospasta* Lec. 62-273²¹ L. Cal.
decolorata Horn 94-437 Cal.
elegans Lec. 51-161 Cal.
v. humeralis Horn 70-93²¹ Cal.
s. perpulchra Horn 70-92²¹ Cal.
s. cyanea VanD. 29-132²¹ Cal.
fulleri Horn 78-59 Cal.
histrionica Horn 91-100 Cal.
imperialis Wellman 12-37 Cal.
mæsta Horn 78-59 Cal.
morrisoni Horn 91-102 Cal.
nemognathoides Horn 70-92 Cal. Ariz.
schwarzi Wellman 09-23 Cal.
sulcifrons Champ. 92-394 Mex. Ariz.
viridis Horn 83-312 Colo. N.M.
wenzeli Skinner 04-217 Ariz.
- Pleurospasta* Wellman 09-20²¹ Cal.
mirabilis Horn 70-121 Ut. Ariz. Cal.
- Phodaga* Lec. 58-76²¹ Mex. Ariz. Cal.
alticeps Lec. 58-77 Mex. Ariz. Cal.
- Negalius* Csy. 91-175²¹ Tex. Ariz.
marmoratus Csy. 91-175 [L. Cal.
- Tegrodera* Lec. 51-159²¹ Cal. L. Cal.
erosa Lec. 51-159 Cal. L. Cal.
v. extincta Beaur. 90-493²¹ Ariz.
v. aloga Skinner 03-168²¹ Ariz.
v. inornata Blais. 18-334²¹ Ariz.
latecincta Horn 91-44 Cal.
- Eupompha* Lec. 58-21²¹ Tex.
fissiceps Lec. 58-21 Tex.
- Brachyspasta* VanD. 28-451²¹ Colo.
wickhami VanD. 28-452 Colo.
- Cordylospasta* Horn 75-152²¹ Nev.
fulleri Horn 75-152 Nev.
- Gynæcomeloe* Wellman 10-217²¹ Cal.
opacus Horn 63-139 Cal.
parvicollis VanD. 28-450 Cal.
- Cysteodemus* Lec. 51-158²¹ Cal. Ariz.
armatus Lec. 51-158 Cal. Ariz.
wizlisenoi Lec. 51-158 Mex. N.M. Ariz.
- Megetra* Lec. 59-127²¹ Mex.
cancellata Brandt & Er. 32-141 [U.S.
hoegei Duges 89-39²¹ [U.S.
vittata Lec. 53-330 Mex. N.M. Ariz.
- Epicauta*
elongatocalcarata Mayd. 34-328 Ida.
piceiventris Mayd. 34-327 Utah
rehni Mayd. 34-329 Ariz.
excavatifrons Mayd. 34-330 Fla.
mutchleri Mayd. 34-331 Ariz.
diversipubescens Mayd. 34-333 N.M.
crassitarsis Mayd. 35-72 Ariz.
- Macrobasis*
hirsutipubescens Mayd. 34-334 Ariz.
maculifera Mayd. 34-335 Ariz.

PYTHIDÆ

- Cariderus* Muls. 59-46²³
(Rhinosisimus Latr. 02-192)²³
- Mycterus* Clairv. 98-125²⁴
canescens Horn 79-336 Cal. Ore.
elongata Hopping 35-77 Cal.
concolor Lec. 53-235 [Cal.-B.C. Colo. N.M.
 scaber Hald. 43-303 Mass.-Va.
quadrifrons Horn 74-142 Cal. N.M.

PYROCHROIDÆ

- Ischalia* Pasc. 60-54
EUPLEURIDA Lec. 73-335²⁵
californica VanD. 38-192 Cal.

ANTHICIDÆ

- Notoxus*
visaliensis Blais. 36-144 Cal.
sparsus Lec. 59-284²⁶ Cal. Ariz.
conformis Lec. 51-152²⁶ Cal.
obesulus Blais. 36-146 B.C.

CEBRIONIDÆ

- Cebrio*
convexifrons Knull 35-189 Okla.

²³ Hopping—35.²⁴ Transferred from Melandryidæ, Hopping—35.²⁵ Van Dyke—38.²⁶ Valid species, Blaisdell—36.²¹ Denier—35.

PLASTOCERIDÆ²⁷

Plastocerus

- maclayi Sloop 35-17
pullus Sloop 35-18

Cal.
Cal.

Euthysanius

- brevis Sloop 35-19

Cal.

ELATERIDÆ

Adelocera

- mexicana Cand. 57-70¹ Fla. Mex.
nobilis Fall 32-58¹ Ariz.
mexicana of Lec.¹

Conoderus Esch. 29-31

- (*Monocrepidius* Esch. 29-31)²
HETERODERES Latr. 34-155¹
suturalis Lec. 53-482¹ Ala. Ind.
fuscus Blatch. 25-163 Fla. Ga.
fuscus of VanDyke¹
planidiscus Fall 29-56¹

* * *

- exsul Shp. 77-470³ N.Zeal. Hawaii, Cal.
rudis Brown 33-174 Ala.
browni Knull 38-19 Tex.
perversus Brown 33-173 Fla.

Aeolus

- melillus Say⁴ Ind. Ariz.
elegans of authors⁴
dorsalis || Say 23-167⁴
s. *comis* Lec. 53-484⁴ B.C. Alb.
s. *marginicollis* Horn 71-308⁴
[Sask. Man. Ore.
(*elegans* Fabr., not *North American*)⁴
(*circumscriptus* Germ., not *N. Amer.*)⁴

Limonius

- canus Lec. 53-433 (Pheletus)¹ Cal.
discoideus Lec. 61-348¹
[Wash. Cal. Rky.Mts.
ovatus Knull 34-9 Cal.
griseus Beauv. 05-214⁴ Ct.-Ind. Ont.
interstitialis Melsh. 46-215⁴
rudis Brown 33-175 Ont. Ind.
rectangularis Fall 34-30 Tex.
flavomarginatus Knull 38-20 Ohio
pilosulus Cand. 91-149⁵ Cal.
pilosus || Lec. 53-432¹
æger Lec. 53-431 N.B.-Alb.-Pa.
knulli Fall 33-229¹

- basilaris Say 23-172 E.U.S. Fla. Mo.
v.semianeus Lec. 53-432¹ Ga. Fla.
insperatus Brown 33-175 Cal.
sinuifrons Fall 07-227 N.Mex.
ovatus Knull 34-9¹
ectypus Say 39-167⁵ Pa. Me.
agonus Say 39-171⁵ Pa.

Elathous

- brevicornis Fall 34-30 Cal.
brunnellus Fall 34-31 Cal.

Athous

- rufiventris Esch. 22-71
ferruginosus Esch. 29-33⁶
paradisus Knull 34-10 Ariz.

Ludius

- ochreipennis Lec. 63-85⁷
[B.C. Y.T. N.W.T.
watsoni Brown 36-179⁷ Que.
hoppingi VanD. 33-434⁷
[B.C. Wash. Y.T.
bipunctatus Brown 36-180⁷ B.C. Alb.
exclamationis Fall 10-135⁷ Cal.
hieroglyphicus Say 39-172⁷ N.H.-Pa.-
bicinctus Cand.⁷ [Que.-Man.
ctenicerus G. & H. 69-1577⁷
pudicus Brown 36-183⁷ B.C. Alb.
propola Lec. 53-437⁷
s.propola (s.str.)⁷ N.S.-L.Sup.
furcifer Lec. 53-438⁷
s.columbianus Brown 36-185⁷ B.C.
pallidipes Brown 36-185⁷ Cal.
californicus Brown 36-186⁷ Cal.
nubilis || Lec. 53-438⁷
candidus Brown 36-186⁷ Cal.

* * *

- cribrosus Lec. 53-443⁸ Cal.
colossus Lec. 61-348⁸ Cal.
maurus Lec. 53-444⁸ Cal.-B.C.
æthiops Hbst. 06-70⁸ Md. Tenn.

- nigrans* Cast. 40-241⁸
depressus G. & H. 69-1574⁸
?signaticollis Melsh. 46-216⁸
?subcanaliculatus Mots. 59-375⁸
?rufipes Mots. 59-377⁸

* * *

- spinosus Lec. 53-447⁹ Newf.-Ont.
stricklandi Brown 35-219⁹ Ont.-Alb.
crestonensis Brown 35-219⁹ B.C. Ida.
umbricola Esch. 29-34⁹ Alas. B.C.
rudis Mots. 59-376⁹
varius Brown 35-220⁹ Wash.
volitans Esch. 29-34⁹ Alas. B.C.
vulneratus Lec. 63-86⁹ N.S.-N.C.

* * *

²⁷ Reduced to subfamily of Elateridæ by Sloop—35.

¹ Fall—34.

² Used as valid by Fall—34.

³ Graves—33.

⁴ Brown—33.

⁵ As distinct species, Fall—34.

⁶ Van Dyke in litt.

⁷ Revision of *propola*-group, Brown—36.

⁸ Revision of *cribrosus*-group, Brown—35.

⁹ Revision of the *volitans*-group, Brown—35.

- triundatus* Rand. 38-12¹⁰ [N.B.-N.H.-B.C.
 nebraskensis Bland 63-355¹⁰ B.C. Mont.
tigrinus Fall 01-306¹⁰ Cal.
tigrinus Brown 36-107
- * * *
- medianus* Germ. 43-71¹¹ N.S.-L.Sup.-
rubidipennis Lec. 53-437¹¹ [Mass.
bombycinus Germ. 43-70¹¹ [Ore. B.C. Alb.
fallax Say 39-605¹¹ Que. L.Sup.
viduus Brown 36-103¹¹ B.C.
semiluteus Lec. 53-445¹¹ Cal.
mirabilis Fall 01-306¹¹ Cal.
 ?*elegans* Cand. 82-97^{11 12} Cal.
candezei Leng 18-205^{11 12}
 (*sericeus* Gebl., not *North American*)¹³
 (*tesselatus* Linn., not *No. American*)¹⁴
- * * *
- splendens* Zieg. 44-44¹⁴ Que. Ont. Mass.
metallicus G. & H. 69-1580¹⁴ [Pa.
æripennis Kby. 37-150^{12 14}
s.æripennis (s.str.)¹⁴ Alas.-Wash.-
tinctus Lec. 59-85^{12 14} [Wyo.-
elegans of Schw. 07-225^{12 14} [NWT
s.destructor Brown 35-129^{14 15}
 [Alas.-N.D.
montanus Brown 35-129¹⁴ B.C.-Ore.
appropinquans Rand. 33-5¹⁴ [N.S.-Me.-Wis.
darlingtoni Brown 35-131¹⁴ N.H. Me.
semimetallicus Walk. 66-325¹⁴ [B.C.-Ida.-Alb.
carbo Lec. 53-439¹⁴ Ore.-Colo.-Mont.
lateralis Lec. 53-439¹⁴ B.C. Ore.
imitans Brown 35-134¹⁴ Cal.
pruininus Horn 71-320¹⁴ Cal.-B.C.-Neb.
pruinus Schw. 07-226¹⁴
pruinosulus Schw. 07-316¹⁴
noxius Hyslop 14-69¹⁴
 ?*confluens* Gebl. 30-80¹⁴ Asia, Alas.
 ?*quadrivittatus* Walk. 66-325¹⁴ B.C.
- * * *
- nitidulus* Lec. 53-439¹⁶ N.S.-Alb.
rufopleuralis Fall 34-188¹⁶ [N.B.-Mass.-Man.
aratus Lec. 53-438¹⁶ N.S.-L.Sup.
 (*nigricornis* Panz., not *No. Amer.*)¹⁶
- * * *
- inflatus* Say 25-392¹⁷ Que.-S.C.-Ind.
metallicus Say 25-392¹⁷
glaucus Germ. 43-76¹⁷ B.C.-Cal.-Ut.
similissimus Mots. 59-374¹⁷
- * * *
- callidus* Brown 36-135¹⁷ B.C. Ida.
inutilis Brown 36-136¹⁷ Cal.
cruciatus Linn. 58-404¹⁸ Eur. N.A.
s.pulcher Lec. 53-440¹⁸ N.S.-Ont.
s.festivus Lec. 57-46¹⁸ B.C.-Ore.-Man.
- * * *
- edwardsi* Horn 71-324¹⁹
s.edwardsi (s.str.)¹⁹ Cal. Nev.
ater || VanD. 32-430¹⁹
suckleyi Lec. 57-46¹⁹
s.suckleyi (s.str.)¹⁹ B.C. Ore.
s.olympiæ VanD. 32-431¹⁹ Wash.
s.morulus Lec. 63-85¹⁹ Alas.-Ore.
brunnipes Bland 64-67¹⁹ [Y.T.-Alb.
sexualis Brown 35-8¹⁹ Sask. Alb. Wyo.
- * * *
- semivittatus* Say 23-113²⁰ Mo.-Dak.-
 [Colo.
blanditus Brown 36-13²⁰ Cal.
sexguttatus Brown 36-14²⁰ Ore.
trivittatus Lec. 53-443²⁰ Ga.-N.C.
deceptor Brown 36-16²⁰ Cal.
funereus Brown 36-16²⁰ B.C.
castanicolor Fall 34-34²⁰ N.Mex.
 ?*oblongoguttatus* Mots. 59-373²⁰ Cal.
 ?*tristis* Cand. 63-172²⁰ Vanc.Id.
 ?*fusculus* Lec. 63-48²⁰ Cal.
angustulus || Mots. 59-373²⁰
- * * *
- CORYMBITES Latr. 34-150²¹
- kaweana* Fall 37-31 Cal.
rufipennis || Fall 10-134²¹
conjungens Lec. 53-440¹ Cal.
prases Cand. 65-28 (Drasterius)¹
elegans Cand. 82-97²²
candezei Leng 18-205²²
æripennis Kby. 37-150²²
appropinquans Rand. 38-5²²
tinctus Lec. 59-85²²
semimetallicus Walk. 66-325²²
elegans Leng 20-170 (in error)²²
rufopleuralis Fall 34-188 Que.-Mass.
 [Mich.
nigricans Fall 10-135²³ Cal.
rotundicollis Say 25-259²³ Vt. Pa. Ind.
diversicolor Esch. 29-34¹ [Cal.
castanicolor Fall 34-34 N.Mex.
Eanus Lec. 62-171¹
 (*Paronomus* || Kies. 63-303)¹
striatipennis Brown 36-248 B.C. Ore.
maculipennis Lec. 66-85²³ Lab. Can.
pictus Cand. 63-177¹
hatchi Lane 38-188 Wash.
estriatus Lec. 53-434
subarcticus Brown 30-163¹ Que.
decoratus Mannh. 53-434 Can.
parvicollis Mannh. 53-229¹⁵ Lapland

¹⁰ Revision of the *triundatus*-group, Brown—36.¹¹ Revision of the *fallax*-group, Brown—36.¹² See end of genus for corrected synonymy.¹³ Schenkling—27.¹⁴ Revision of the *æripennis*-group, Brown—35.¹⁵ Brown—36.¹⁶ Revision of the *nitidulus*-group, Brown—36.¹⁷ Revision of the *inflatus*-group, Brown—36.¹ Fall—34.¹⁸ Revision of the *cruciatus*-group, Brown—35.¹⁹ Revision of the *edwardsi*-group, Brown—35.²⁰ Revision of the *semivittatus*-group, Brown—36.²¹ Fall—37.²² By compiler; see also Brown—33 and 35.²³ Valid species, Fall—34.

Hypnoidus

- CRYPTOHYPNUS Esch. 36-105
 valens Fall 34-18 Cal.
 * * *
 manki Fall 34-19 Mont.

Dalopius Esch. 29-34²⁴

- * (*Dolopius of authors*)²⁴
 virginicus Brown 34-38 W.Va.
 cognatus Brown 34-38 N.S.-Ont.-W.Va.
 vagus Brown 34-66 N.B.-Man.-W.Va.
 insolitus Brown 34-67 Ont. Que.
 fuscipes Brown 34-68 Que.
 pennsylvanicus Brown 34-68 Pa.
 vernus Brown 34-69 Que.-Man.
 brevicornis Brown 34-69 Que. Ont.
 agnellus Brown 34-70 Que. N.B.
 gentilis Brown 34-71 Ont. Que.
 parvulus Brown 34-71 Sask. Man.
 pallidus Brown 34-87 N.B.-Alb.
 gartrelli Brown 34-89 B.C.
 luteolus Brown 34-89 Cal.
 corvinus Brown 34-90 B.C.
 usitatus Brown 34-90 Cal.
 insolens Brown 34-91 B.C.
 asellus Brown 34-91 B.C. Alb.
 jucundus Brown 34-92 Cal.
 gracilis Brown 34-92 Cal.
 tularensis Brown 34-93 Cal.
 dentatus Brown 34-94 Cal.
 inordinatus Brown 34-94 Alb.
 mirabilis Brown 34-95 Que.-Alb.
 plutonicus Brown 34-95 Cal.
 incomptus Brown 34-96 Cal.
 lutulentus Brown 34-96 Cal.
 validus Brown 34-102 Cal.
 spretus Brown 34-103 B.C.
 vetulus Brown 34-103 Cal.
 partitus Brown 34-104 Cal.
 effetus Brown 34-104 Cal.
 suspectus Brown 34-104 B.C.
 fucatus Brown 34-105 Alb. B.C.
 tristis Brown 34-105 B.C.
 manipularis Brown 34-107 Cal.
 ignobilis Brown 34-107 Cal.
 improvidus Brown 34-108 Cal.
 insulanus Brown 34-108 B.C.
 invidiosus Brown 34-109 Cal.
 maritimus Brown 34-109 B.C.
 mutabilis Brown 34-110 Cal.
 ?californicus Mann. 43-243²⁴ Cal.
lateralis || Esch. 29-34²⁴
pauperatus Cand. 63-434 (Sericoso-
 [mus]²⁴
 ?sellatus Mannh. 52-328²⁴ Alaska
 ?pauper Lec. 53-458²⁴ Atl. N.A.
 ?subustus Lec. 53-458²⁴ Cal.
 ?macer Lec. 57-47 (Agriotes)²⁴ Ore.
 ?simplex Mots. 59-378²⁴ Cal.
 ?sericatus Mots. 59-379²⁴ Cal.
 ?nevadensis Lec. 84-17 (Agriotes)²⁴

Agriotes

- tardus Brown 33-177 Alb. B.C.
 quebecensis Brown 33-177 N.C.-Ont. Me.
 opaculus Lec. 59-85 Cal. Id. Wyo.
montanus Lec. 84-18¹⁵
 arcanus Brown 33-178^{25 26}
 isabellinus Melsh. 46-218²⁵ Pa.
 oblongicollis Melsh. 46-218²⁵ M.St. Ct.
 [Ind.]

Agriotella Brown 33-179

- bigeminata Rand. 33-37²⁷ N.S.-Ont.-
 [Mass.]
 occidentalis Brown 33-180 B.C. Alb.
 californica Schffr. 17-42²⁷ Cal.
 columbiana Brown 33-182 B.C. Cal.

Drasterius²⁸

- dorsalis Say 23-167²⁸ N.A.
 comis Lec. 53-484²⁸ N.A.
 livens Lec. 53-484²⁸ Cal. Mex.
 amabilis Lec. 53-485²⁸ M.St. S.St.
fretus Csy. 85-171²⁸
 nigriventris Schffr. 17-41²⁸ Tex.
 scutellatus Schffr. 17-41²⁸ Tex.
 debilis Lec. 78-405 Fla.
incongruus Fall 34-12²⁹ Que.

Ampedus Germ. 44-153

- (*Elater* of authors)³⁰
 obscurus Knoll 38-97 Nev.
 varipilis VanD. 32-306 Cal.
 s.columbianus Brown 33-136 B.C.
 [VanId.]
 quebecensis Brown 33-137 Que.
 evansi Brown 33-137 N.B.-Ont.
 areolatus Say 23-167 Ont.
pusio Germ. (not Lec. or Cand.)³¹
 luteolus Lec. 53-471 Ont. N.C.
pusio Lec. and Cand. (*Elater*)³¹
 melanotoides Brown 33-134 Ont. Pa.
 laurentinus Brown 33-135 Que. Ont.

Blauta

- falli Brown 36-251 Fla.

Megapenthes

- solitarius Fall 34-15³² N.Y.
 granulatus Melsh. 44-159³³ Fla.-Conn.
 (*sturmii* Germ., not *North American*)²⁹
 dolosus Brown 33-140 Cal.
 stigmosus Lec. 53-472³¹ N.B.-B.C.
 caprella Lec. 57-47³¹ Ore. B.C.
 s.californicus Brown 33-140 Cal.

²⁵ Valid species, Brown—36.²⁶ As synonym of *isabellinus*, Fall—34.²⁷ Transferred to new genus from *Betarmon*, Brown—33.²⁸ These species belong here with some others, Fall—34.²⁹ Fall—34.³⁰ Implied by Knoll—38 and Brown—33.³¹ Brown—33.³² Neither this species, *lepidus* Lec. *tarsalis* Schffr., nor *illinoiensis* VanD. belong in this genus, Fall—34.³³ Valid species, Fall—34.²⁴ Revision of genus, Brown—34.

Anchastus

fumicollis Fall 34-17 Fla.
 longulus Lec. 78-404³³ Fla.
 uniguus Knull 38-98 Tex.
 subdepressus Fall 34-18 Ariz.

Melanotus³⁴

longulus Lec. 53-473³⁴ Cal.
 oregonensis Lec. 53-480³⁴ Cal.-B.C.-Ut.
 franciscanus VanD. 32-332³⁴ Cal.
 variolatus Lec. 61-377³⁴ Cal.

Horistonotus

pallidus Fall 34-21 Cal.
 fidelis Fall 34-21 Cal. Nev.
 s.fuscus Fall 34-22 Ariz.

Esthesopus

flavidus Fall 01-240 (Horistonotus)²⁹
 [Cal.
 indistinctus Fall 34-23 Cal.

MELASIDÆ**Melasis**

rufipalpis Chevr. 35-193³⁵ Guat. Mex.
 [Ariz.]

BUPRESTIDÆ**Chrysophana**

placida
 a.cœrulans Obenb. 24-100^{1*}
 v.strandi Obenb. 36-106 Cal.
 v.cupriola VanD. 37-105 Cal.
 s.conicola VanD. 37-105 Cal.

Polycesta Sol.³ (for 32-281 read 33-281)⁴

* 9306, for 78-144 read 85-144⁴
 angulosa Duval 57-62³ Fla. Ala.
 obtusa Lec. 58-68³
 velasco Gory 33-5³ Tex.-Cal. L.Cal.
 [Mex.
 arizonica Schffr. 06-21³ Cal.-Ariz.
 elata Lec. 58-68³ Tex.
 ?cavata Lec. 58-68³ ?Ala.
 cyaneous Chamb. 33-41³ Cal.
 tularensis Chamb. 38-445 Cal.
 californica Lec. 57-45³ Cal. Ore.
 cribrana Mots. 59-182³
 bernardensis Obenb. 24-35³

Acmæodera

resplendens VanD. 37-106 Ariz.
 delumbis Horn 94-378⁵
 robusta
 s.duboisii Cazier 38-138 Cal.

²⁹ Fall—34.³³ Valid species, Fall—34.³⁴ Revision of California species, Fall—34.³⁵ Fall—33.¹ Obenberger—36.² Van Dyke—37.³ Revision of genus, Chamberlin—33.⁴ Chamberlin in litt.⁵ Valid species or variety, Duncan—34.

uvaldensis Knull 36-73 Tex.
 yumæ Knull 37-301 Ariz.
 adenostomæ Cazier 38-137 Cal.
 nigrovittata VanD. 34-61⁶ Cal.
 simulata VanD. 37-108 Cal.
 mariposa

s.bernardino VanD. 37-109 Cal.
 papagonis Duncan 34-231 Ariz.
 vanduzeei VanD. 34-64 L.Cal.
 varipilis VanD. 34-62 G. of Cal. Tex.
 [Ariz.]

vulturei Knull 38-228 Cal.
 constricticollis Knull 37-301 Ariz.
 biedermanni Skinner 03-239⁷ Ariz.
 lineipicta Fall 31-81^{7*} Ariz.
 sabinæ Knull 37-15 Ariz.
 rossi Cazier 37-115 Cal.
 humeralis Cazier 38-12 Cal.
 jaguarina Knull 38-135 Ariz.
 mimicata Knull 38-136 Ariz.

Tyndaris

* balli Knull 37-302 Ariz.

Paratyndaris Fisher 19-92⁹

* (Tyndaris of authors)¹⁰
 anomalis Knull 37-252⁹ Nev.
 tucsoni Knull 38-21 Ariz.
 albofasciata Knull 37-253⁹ Ariz.
 barberi Skinn. 03-238⁹ Nev. Ariz.
 cincta Horn 85-147⁹ Tex.
 acaciæ Knull 37-254⁹ Tex. N.M.
 olneyæ Skinn. 03-236⁹ Nev. Ariz.
 prosopis Skinn. 03-237⁹ Tex.
 coursetiæ Fisher 19-93⁹ Ariz.
 quadrinotata Knull 38-22 Ariz.
 chamæleonis Skinn. 03-237⁹ Tex.
 suturalis Fall 34-193⁹ Fla.

Thrincopyge

alacris
 v.strandi Obenb. 36-104 Tex.

Agæocera

gigas Cast. & Gory 39-2¹¹ Mex. Ariz.

Hippomelas

pacifica Chamb. 38-446 Cal.
 9313, for 76-288 read 83-288⁴

Texania

strandii Obenb. 36-109 U.S.A.¹²

Psiloptera

riograndei Knull 37-16 Tex.

⁶ Possibly a synonym of lineipicta, Fall—34.⁷ Cited as distinct species, Fall in litt.⁸ Listed as a synonym of biedermanni, Van Dyke

—34.

⁹ Revision of genus, Knull—37.¹⁰ Obenberger—Col. Cat. p. 84.¹¹ Fall—34.¹² "U.S.A.: Fort Madison."—Obenberger—36.

Dicerca

- 9333, for 23-13 read 23-163⁴
hesperoborealis Hatch & Beer 38-151
 [Wash.]
tenebrica Kby. 37-155
prolongata Lec. 59-194⁸
sexualis Cr. 73-87 Cal.-Wash.
californica Cr. 73-87^{8 18}
obscura Fab. 81-274
mutica Lec. 59-196⁸

Hesperorhipis

- (*Hesperorhipis* of 2nd suppl. p. 29)¹⁴
mirabilis Knull 37-303 Ariz.
hyperbolus Knull 38-137 Ariz.

Buprestis

- intricata* Csy. 09-118¹⁵ Cal.
maculativentris Say. 24-272
 v. *subornata* Lec. 59-208¹⁸
rusticorum Kby. 37-151¹⁵ B.C.-Cal.-Ar.
nuttalli Kby. 37-152
alternans Lec. 59-207¹⁶
consularis Gory 40-120¹⁶
langi Mannh. 43-237¹⁵ Alas.-Ore.
murrayanæ R.Hopp. 34-174
contortæ || R.Hopp. 33-84^{16 17}

Xenorhipis

- osborni* Knull 36-73 Tex.

Melanophila Esch. 29-9¹⁸

- * **MELANOPHILA** (s.str.)¹⁸
conspua Lec. 57-44¹⁶ Cal. Ariz.
monochroa Obenb. 28-209¹⁸
isolata Obenb. 28-209¹⁶
notata Cast. 37-4¹⁵ Fla.-Mex.-M.St.
luteosignata Mannh. 37-70¹⁸ [Cuba
 s. *elegans* Sloop 37-7 Ariz.
opaca Lec. 59-213¹⁸ Fla. Ga.
notata Cr. 73-89¹⁸
acuminata DeG. 74-133¹⁸ No.Holarctic
acuta Gmel. 88-1939¹⁸
morio Fabr. 92-210¹⁶
appendiculata Fabr. 92-210¹⁸
pecchiolii Cast. & Gory. 37-33¹⁸
longipes Say 23-164¹⁶
immaculata Mannh. 37-70¹⁸
occidentalis Obenb. 28-209¹⁸ Cal.
atropurpurea Say 36-213¹⁸ Ariz.-Ut.-
 [Ark.]
PHÆNOPS Lac. 57-47¹⁸
obtusa Horn 82-106¹⁸ Ga.
intrusa Horn 82-105¹⁸ Pac.Cst.
æneola Melsh. 46-146¹⁸ E.&M.&S.Sts.
metallica Melsh. 46-146¹⁸
carolina Manee 13-164¹⁸ N.C.

- drummondi* Kby. 37-159¹⁶ Cal.-Wash.
 v. *abies* Champl. & Kn. 23-105 N.B.¹⁸
abietis Obenb. 30-441¹⁸
gentilis Lec. 63-42¹⁶ Pac.Cst.
prasina Lec. 60-254¹⁸
pini-edulis Burke 08-117¹⁸ Colo. Ut.
 [Ariz.]
fulvoguttata Harris 29-2¹⁶ N.E.N.A.
octospilota Cast. & Gory 37-4¹⁸
croceosignata Cast. & Gory 37-5¹⁸
decolorata Cast. & Gory 37-5¹⁶
guttulata Hamilt. 89-138¹⁸
cauta Dej. 33-89¹⁸
drummondi Kby. 37-159¹⁸ Ore.-Ariz.
umbellatarrum Kby. 37-159¹⁸
guttulata Mannh. 53-221¹⁶
 a. *tristricula* Obenb. 28-209¹⁸
 ? *lecontei* Obenb. 28-210¹⁸ Cal.
arcuata Fall 31-83¹⁶ Ariz.

XENOMELANOPHILA Sloop
[37-18
N.Mex.]

- miranda* Lec. 54-83¹⁶

Anthaxia

- viridifrons*
californica VanD. 18-54¹⁶ Cal.
 a. *basicyanea* Obenb. 36-134 N.J. Pa.
 a. *embrikaria* Obenb. 36-134 Can.-
 [N.J.-Ind.]
vandykeana Obenb. 36-135 Cal.
embrik-strandella Obenb. 36-135 Cal.
serripennis Obenb. 36-136 Iowa
quercata
 a. *floridana* Obenb. 36-134 Fla.
cyanella
 a. *rossi* Obenb. 36-134 Ky. Pa.

Chrysobothris

- atrifasciata* Lec. 73-332
atrofasciata of Leng Cat. p. 182¹⁹
platti Cazier 38-14 Cal.
alleni Cazier 38-15 Ariz.
schæfferi Obenb. 34-649 L.Cal.
thoracica || Schffr. 05-128²⁰
scotti Chamb. 38-11 N.Mex.
chiricahuæ Knull 37-37 Ariz.
kelloggi Knull 37-36 N.Mex.
iris VanD. 37-110 Utah
grandis Chamb. 38-14 Ore.
parapiuta Knull 38-138 Ariz.
arizonica Chamb. 38-13 Ariz.
oregona Chamb. 34-38 Ore.
grindeliæ VanD. 37-111 Cal.
canadensis Chamb. 34-37 Alb. Ore.
cupreohumeralis VanD. 34-65 Tex.
boharti VanD. 34-89 Cal.
acaciæ Knull 36-105 Tex.
 9472, for 86-108 read 86-101¹⁹
bisinuata Chamb. 38-13 Cal.
calcarata Chamb. 38-12 Ariz.
planomarginata Chamb. 38-10 Ore.
Knowltonia Fisher 35-117²¹
 * *biramosa* Fisher 35-118 Utah

¹³ This synonymy conflicts with that given by Obenberger—Col. Cat. p. 111.

¹⁴ Fall in litt.

¹⁵ Distinct species, R.Hopping—33.

¹⁶ R.Hopping—33.

¹⁷ Casey's name was spelled *contorta* and might therefore be considered not to invalidate *contortæ* of Hopping.

¹⁸ Revision of genus, Sloop—37.

¹⁹ Chamberlin in litt.

²⁰ Obenberger—34.

²¹ Considered a synonym of *Chrysobothris* by Cazier—38.

Engyaulus Waterh. 89-50
 * *pulchellus* Bland 65-382 Colo. Ariz.
pinalicus Wickh. 03-69²² [N.M.]

Agrilus

santaritæ Knull 37-39 Ariz.
arizonicus Obenb. 36-139 Ariz.
strigicollis || Fall 12-41¹
sapindi Knull 38-139 Tex.
shoemakeri Knull 38-99 Ariz.
parkeri Knull 35-189 Ariz.
neabditus Knull 35-190 Ariz.
exhauca Knull 37-305 Ariz.
apachei Knull 38-139 Ariz.
9542, for 25-241 read 25-251¹⁹
cercidii Knull 37-304 Ariz.
esperanzæ Knull 35-96 Tex.
arizonus Knull 34-11 Ariz.
osburni Knull 37-38 Ohio
viridescens Knull 35-97 Tex.
parapubescens Knull 34-68 Ariz.
wenzeli Knull 34-333 Ariz.
rubicola Abeille 97-4²³ Eur. E.N.A.
viridis of authors²³
proximus Rey 91-19²³
obtusus || Abeille 97-5²³
antiquus Gavoy 26-15²³
chrysoderes || Bedel 21-204²³
fagi || Glover 78-A33²³
politus || Weiss 14-438²³
v.communis Obenb. 24-41²³ Eur.
[E.N.A.]
neoprosopidus Knull 38-99 Tex.
cavifrons Waterh. 89-189²⁴ Mex. Ariz.

Paragrilus Saund. 71-127²⁵

(*Clinocera* || Deyr. 64-116)²⁵
(*Rhæboscelis* Lec. 63-82, part)²⁵
lesueuri Waterh. 89-126²⁵ S.A. C.A.
[?Ariz.]
tenuis Lec. 63-82²⁵ N.Y.-Fla.-Ill.
texanus Schffr. 04-211²⁵ Tex.

Taphrocerus Sol. 33-314²⁶

* *howardi* Obenb. 34-42 Fla.
gracilis Say 25-253²⁶ E.U.S.-Ia.-Ariz.
alboguttatus Mannh. 37-120²⁶
cylindricollis Kerr 96-312²⁶
texanus Kerr. 96-312²⁶
nicolayi Obenb. 24-55²⁶ N.Y. Mass.
albonotatus Blatch. 19-29²⁶ Fla.-N.C.
floridanus Obenb. 34-48 Fla.
lævicolis Lec. 78-403²⁶ Fla. Ala.
agriloides Cr. 73-96²⁶ Fla.-Tex.
puncticolis Schw. 78-363²⁶ Fla. Ala.

Mastogenius

subcyaneus
s.crenulatus Knull 34-334 N.J.-Fla.-
[La.]

DRYOPOIDEA¹**LIMNICHIDÆ**¹**Limnichinæ**¹*Limnichites*¹*Lutrochus*¹**Cephalobyrrhinæ**¹*Throscinus*¹**DRYOPIDÆ**¹**Dryopinæ** (*Pelonominæ*)¹*Pelonomus*¹*Oberonus*¹*Dryops*¹*Helichus* Er. 47-510^{1 2}(*Dryops* of Leach 17-88)²(*Parygrus* Er. 47-510)³(*Pachyparnus* Fairm. 88-338)³*productus* Lec. 52-43² Cal.*immsi* Hntn. 37-318 Cal. Ariz. Tex.*propinquus* Hntn. 35-68 L.Cal.*confluentus* Hntn. 35-71² Ga.-Ariz.*longulus* Musg. MS²*lithophilus* Germ. 24-83² Can.-Fla.-Ia.*basalis* Lec. 52-43² Mass.-Ga.*falli* Musg. MS²*fastigiatus* Say 24-275² Mass.-Fla.-Kan.*striatus* Lec. 52-43² Que.-Cal.-B.C.*v.foveatus* Lec. 52-43²*columbianus* Brown 31-118²*triangularis* Musg. 35-143² Ariz. Tex.*suturalis* Lec. 52-43² Cal. C.A.*gilensis* Lec. 52-43^{2 4}*æqualis* Lec. 54-31^{2 4}

* * *

elmoides Shp. 82-121⁴

* * *

puncticolis Shp. 82-121⁵ Ariz. ?C.A.**PSEPHENIDÆ**¹**Psepheninæ**¹*Psephenus*¹¹ Notes on relationships of families, subfamilies, and genera, Hinton—39.² Revision of genus, Musgrave—35.³ Hinton—36.⁴ Hinton—37.⁵ Hinton—34.¹ Obenberger—36.¹⁹ Chamberlin in litt.²² Obenberger—35.²³ Obenberger—Col. Cat. p. 152.²⁴ Knull—37.²⁵ Revision of the genus, Obenberger—35.²⁶ Revision of genus, Obenberger—34.

Eubrianacinae¹**Eubrianax**¹**ELMIDÆ (Helmidae)**¹**Larinae**¹**Lara**¹**Phanocerus**¹**Elminae**¹**ELMINI**¹**Elsianus**¹**Stenelmis** Duf. 35-158^o

- nubifera Fall 01-238 Cal. Ore. Wash.
 sexlineata Sandn. 38-663 Kan. Tex.
 crenata Say 24-275 N.B.-Ala.-Tex.
 sordida Mots. 59-51^c
 exigua Sandn. 38-669 Ark.
 beameri Sandn. 38-671 Mo. Ark.
 lateralis Sandn. 38-672 Pa.-Va.-Ark.
 concinna Sandn. 38-674 Que.-N.C.
 tarsalis Sandn. 38-675 Ont.-W.Va.-Okla.
 knobeli Sandn. 38-677 Ark.
 bicarinata Lec. 52-44 Vt.-Tex.
 exilis Sandn. 38-680 Ark.
 mera Sandn. 38-682 Que.-N.C.-Ark.
 douglasensis Sandn. 38-685 Mich.
 grossa Sandn. 38-686 Miss. La. Ark.
 parva Sandn. 38-688 Okla. Tex.
 fuscata Blatch. 25-164 Fla.
 hungerfordi Sandn. 38-690 Fla.
 humerosa Mots. 59-50 Mass.-S.C. Tenn.
 linearis Zimm. 69-259^c
 mirabilis Sandn. 38-693 Conn. N.C. S.C.
 antennalis Sandn. 38-695 Fla. Ala. Miss.
 quadrimaculata Horn 70-40 Que.-D.C.-
 sulcatus Blatch. 10-681^c [Mich.
 blatchleyi Musg. 33-57^c
 musgravei Sandn. 38-698 N.Y.-Va.-Mo.
 sinuata Lec. 52-44 Ga.-S.C.-Miss.
 decorata Sandn. 38-701 D.C. Ind. Kan.
 vittipennis Zimm. 69-259 Que.-S.C.-Kan.
 convexula Sandn. 38-704 Fla.
 märkelii Mots. 54-12 Mass.-Ark.
 ?canaliculata Gyll. 08-552^c Eur.
 elongata Mots. 59-51^c ?N.A.

Simsonia Carter & Zeck 29-58¹³

- * vittata Melsh. 44-99³ N.Y. Ind. Man.
 bivittata Lec. 52-44³ Wis.
 quadrinotata Say 25-187³ M.St. Can.
 brunnescens Fall 25-177³ Cal.
 dietrichi Musg. 33-54³ Fla. Ga. Miss.

^c Revision of genus, Sanderson—38.

Elmis¹

- immunis Fall 25-178
 cryophilus Musg. 32-79⁷
 addenda Fall 07-226⁸
 ornata Schffr. 11-120⁸

Narpus Csy. 93-582¹⁹

- * concolor Lec. 81-75⁹ B.C. Alb. Wash.
 solutus Brown 33-46⁷⁹
 angustus Csy. 93-583⁹ Cal.
 angustatus Hntn. 36-57
 arizonica Brown 30-90⁹ Ariz.

Heterlimnius Hntn. 35-178¹

- * køebelei Martin 27-68¹⁰ Wash.
 divergens Lec. 74-52¹⁰ B.C. Cal.
 tardellus Fall 25-179¹⁰ Mass.
 cryophilus Musg. 32-79¹⁰ Tenn.
 subarcticus Brown 30-241^{10 11} Que.
 trivittatus Brown 30-91¹⁰ Que.
 ovalis Lec. 63-74¹⁰ Pa. Ind.
 elegans Lec. 52-43¹⁰ Vt.
 quadrimaculatus Horn 70-37¹⁰ Cal.

Microcylloepus Hntn. 35-178^{1 10}

- * pusillus Lec. 52-44¹⁰ M.St. Can.
 s.apta Musg. 33-56 Va. Fla.
 s.perdita Musg. 33-56 Fla.
 s.lödingi Musg. 33-56 Ala. Miss.
 foveatus Lec. 74-53¹⁰ Cal.
 similis Horn 70-38¹⁰ Ariz.

Neelmis Musg. 35-34^{1 12}

- * cæsa Lec. 74-53¹² Tex.

Limnius Er. 47-522^{1 13}

- * latiusculus Lec. 66-380¹³ Pa.

Heterelmis¹

- browni Hatch 38-16 Mont.

ANCYRONYCHINI¹**Macronychus** Müll. 06-207^{1 13}

- * glabratus Say 25-187¹³ E.U.S.
 thermæ Hatch 38-18 Mont.

Ancyronyx¹**Zaitzevia** Champ. 23-170^{1 13}

- * parvulus Horn 70-41¹³ B.C. Cal.
 columbiensis Angell 92-84¹⁴

¹ Fall—34.

² Cited as probably the only American species remaining in the genus, Hinton—35.

³ Revision of genus, transferred from Dryopini, Hinton—36.

¹⁰ Revision of genus, Hinton—35.

¹¹ As synonym of tardellus, Fall—34.

¹² Revision of genus, Musgrave—35.

¹³ Revision of genus, Hinton—36.

¹⁴ Sanderson—38.

HETEROCERIDÆ

Heterocerus

- LITTORIMUS Gozis 85-120
compactus Fall 37-30 Man. Ia.

DASCILLIDÆ

- Macropogon Mots. 45-38¹⁵
* sequoiæ Hopping 36-46¹⁵ Cal.
testaceipennis Mots. 59-362¹⁵ Cal.-B.C.
 rubricollis Pic 27-34¹⁵
 cribricollis Brown 29-274^{15 16}

piceus Lec. 61-362¹⁵ N.B.-Ill.-B.C.
 rufipes Horn 80-79¹⁵
 dubius Brown 29-273^{15 16}

Anorus Lec. 59-86¹⁷

- * piceus Lec. 59-87¹⁷ Cal. L.Cal.
 parvicollis Horn 94-365¹⁷ Ariz.
 arizonicus Blais. 34-323 Ariz.

CHELONARIIDÆ

- Chelonarium Fabr. 01-101¹⁸
* lecontei Thoms. 67-84¹⁸ Fla.

NITIDULIDÆ

- Brachypterolus Grouv. 13-387
* pulicarius Linn. 53-357¹⁹ Eur. Wis.
 [N.Eng.]

Carpophilus
 humeralis Fab. 98-74 Cal. Fla.
 rickseckeri Fall 10-124²⁰

Nitidula

- carnaria* Schall. 83-257¹⁹ Eur. Wis. Cal.

Phenolia Er. 43-299²¹

- * grossa Fabr. 01-347²¹ Can.-Me.-Wyo.-
 [Tex.]

Soronia Er. 43-277²¹

- * guttulata Lec. 63-64²¹ N.Y.-Ore.-Ariz.

Lobiopa Er. 43-291²¹

- * setosa Harold 68-104²¹ Mass.-Ut.-B.C.
 setulosa || Lec. 63-63²¹
 substriata Hamilt. 93-306²¹
 oblonga Parsons 39-159 Cal.
 undulata Say 25-179²¹ Me.-Fla.-Mich.-
 [Mex.]

- falli* Parsons 39-161 Ariz.
 brunnescens Blatch. 17-238²¹ Fla. Mass.
 punctata Parsons 39-163 Fla. Jamaica
 ?insularis Cast. 40-10²¹ Gulf.St.

Amphotis Er. 43-290²¹

- * ulkei Lec. 66-376²¹ Mass.-D.C.
 schwarzi Ulke 87-77²¹ Va. Ala. N.C.

Pocadius Er. 43-318²²

- * fulvipennis Er. 43-319²² Mex. Cal.
 dorsalis Horn 79-311²²
 helvolus Er. 43-320²² Conn.-Ga.-B.C.-
 breviusculus Reitt. 76-318²² [Tex.]
 ferrugineus Chevr. 63-604²² [Mex.]
 infuscatus Reitt. 74-94²² [W.I.]
 limbatus Reitt. 74-95²²
 niger Parsons 36-116 N.M. Ariz.
 fulvipennis || Fall & Ckll. 07-175²²
 basalis Schffr. 11-117²² Ariz.

Cryptarcha Shuck. 39-165²³

- CRYPTARCHA (s.str.)²³
 ampla Er. 43-356²³ Que.-Fla.-Cal.-Or.
 (*grandicollis* Reitt., not No. Amer.)²³
 glabra Schffr. 09-375²³ Ariz.
 strigatula Parsons 38-98 Mass.-Ga.-
 [Mich. Tex.]

strigata of authors (not Fabr.)

concinna || Reitt. 73-150²³

LEPIARCHA Shp. 91-385²³

- (*Cryptarchula* Ggbl. 99-551)²³
 gila Parsons 38-99 Ariz. Cal.
 concinna Melsh. 53-41²³ Mass.-Fla.-
 liturata Lec. 63-30²³ [Cal.-Ore.]
 picata Melsh. 46-107²³
 bella Reitt. 73-150²³

HEMIEPLIDÆ

Hemipeplus²⁴

EROTYLIDÆ

Ischyryus

- quadripunctatus* Oliv. 91-437
 alabamæ Schffr. 31-175²⁵
 a.antedivisa Mader 38-19 (no. loc.)

CRYPTOPHAGIDÆ

Cryptophagus

- dentatus* Hbst. 93-15^{26 27} Arctic N.A.
 blumi Blais. 37-158 Mont.

¹⁶ Revision of genus, R.Hopping—36.

¹⁶ Fall—34.

¹⁷ Revision of genus, Blaisdel—34.

¹⁸ Placed in Dryopidæ by Mequignon—34.

¹⁹ Dodge—37.

²⁰ Parsons in litt.

²¹ Revision of group of genera, Parsons—39.

²² Revision of genus, Parsons—36.

²³ Revision of genus, Parsons—38.

²⁴ Transferred from Cucujidæ (and placed near Melandryidæ and Oedemeridæ) by H. Scott—33.

²⁵ Mader—38.

²⁶ Brown—37.

²⁷ Blair—33.

COLYDIIDÆ

RHAGODERINI²⁸

ORTHO CERINI

Rhagodera²⁹

CORTICINI

Anchomma²⁹

* * *

Phlœonemus

(adhærens Shp., not No. American)²⁹Microsicus³⁰parvulus Guer. 29-189³⁰ S.U.S. Mex.
setosus Shp. 94-456³⁰Lasconotus Er. 46-258³¹*(Illestus* Pascoe 63-33)²⁹*(Lado* Wankow. 67-249)²⁹*(Othismopteryx* Sahlb. 71-44)²⁹

Aulonium

bidentatum Fab. 01-556³² L. Cal. C.A.
[W.I.]Lapethus Csy. 90-317³³*(Lytopeplus* Shp. 95-494)*(Brachylon* Gorh. 98-256)

LATHRIDIIDÆ

Corticaria

linearis Payk. 98-302³⁴ Eur. Sib.
[Greenl.]

Enicmus

tricarinatus Brown 34-22 Sask.

MYCETÆIDÆ

Stethorhanis

borealis Blais. 34-325 B.C.

²⁸ This tribe unnecessary, the genera placed elsewhere, Hinton—35.²⁹ Hinton—35.³⁰ Hinton—36.³¹ This name was not validated by Erichson in 1845 (1846). Hinton—35 credits it to Leconte 59-282 but Lacordaire was earlier.³² Fall—34.³³ Placed in Murmididæ by Leng but in Colydiidæ by Hinton—36.³⁴ Carpenter—38.

COCCINELLIDÆ

Hyperaspis

leachi Nunen. 34-19 Cal.
biornatus Nunen. 34-18 Cal.
fimbriolata Melsh. 46-180
s.marginatus Gaines 33-263 Tex.

Hyperaspidium

horni Nunen. 34-19 N.J.

Scymnus

maderi Nunen. 37-183 Cal.
quercus || Nunen. 34-18
scotti Nunen. 34-17 Cal.
schuberti Nunen. 34-17 Ariz. Cal.

Coccidula

suturalis Weise 95-132³⁵ Vanc.-N.J.
occidentalis Horn 95-114³⁵

Psyllobora

plagiata Schffr. 08-125 Ariz.
kæbelei Nunen. 11-71³⁶

Ceratomegilla

cottlei Nunen. 34-20 Wyo.

Adonia

amœna Fald. 35-453³⁷ Alaska, Asia

Hippodamia

hoppingi Nunen. 34-21 Cal.
lunatomaculata Mots. 45-382
a.lengi Joh. 10-865³⁸ Cal.
nigromaculata Nunen. 34-20 (Ad-
[alia])³⁸

Cleis

concolor Crotch 74-142³⁸ Mex. ?Tex.Anatis Muls. 51-133³⁹* ocellata Linn. 58-366³⁹ Eur. Sib.s.halonis Lew. 96-28³⁹s.mali Say 24-93³⁹ N.H.-N.J.-Wash.*labiculata* Say 35-288³⁹rathvoni Lec. 52-132³⁹ Cal. Ore. Ida.s.lecontei Csy. 99-98³⁹ Ariz. N.M.quindecimpunctata Oliv. 08-1027³⁹

[Can.-N.C.-Ark.-Ill.]

caseyi Westc. 12-422³⁹*signaticollis* Muls. 50-134³⁹

[Ill.]

Exochomus

californicus Csy. 99-107⁴⁰ Cal. Nev.quatuorpusulatus Linn. 58-367⁴⁰ Eur.

[Cal.]

quadripusulatus Nunen. 34-113³⁵ Dodge—38.³⁶ Nunenmacher in litt.³⁷ Scott—33.³⁸ Gaines—33.³⁹ Revision of genus, McKenzie—36.⁴⁰ Valid species, Nunenmacher—34.

Brumus

blumi Nunen. 34-114 Cal.

Epilachnavarivestis Muls. 50-815 N.A.
corrupta Muls. 50-815⁴¹
a.genuina Muls. 50-817³⁶
a.juncta Joh. 10-79³⁶sparsa Blais. 23-237 L.Cal.
blairi Blais. 36-888 "Cal.merid."
tuckeri Csy. 24-297^{3 4} Ariz.
imperialis Blais. 36-94 Cal. Ariz.
tanneri Blais. 36-97 Cal.
tortugensis Blais. 36-100 L.Cal.**Eschatomoxys** Blais. 35-125

wagneri Blais. 35-125 Cal.

Craniotis⁵**Euschides**lecontella Blais. 36-227 Cal.
v.tempestalis Blais. 36-229 Cal.
speculatus Blais. 36-225 Cal.
cressoni Blais. 33-191 Cal.**Eleodes**paradoxa Blais. 31-78⁶ Cal.
montanus Blais. 25-335⁶
MELANELEODES Blais. 09-33
lineata Blais. 39-55 Ariz.
omissa Lec. 58-186
s.tumida Blais. 33-194⁴ Cal.

* * *

spoliata Blais. 33-196 Ore.
acuta Say. 23-258
s.pernigra Blais. 37-128 Tex.
ELEODES (s.str.)
dentipes Esch. 29-10
s.sordida Blais. 35-30 Cal.

* * *

amedeensis Blais. 33-199 Cal. Nev.
armata Lec. 51-134
v.pumila Blais. 33-197 Cal.
ARPELEODES Blais. 37-128
tibialis Blais. 09-311⁷ L.Cal.

* * *

kaweana Blais. 33-203 Cal.
scabriventris Blais. 33-202 Cal.
oblonga Blais. 33-206 Cal.BLAPYLIS Horn 70-301
indentata Blais. 35-23 Wash.
STENELEODES Blais. 09-33
ornatipennis Blais. 37-129 N.Mex.
HOLELEODES Blais. 37-132
beameri Blais. 37-132 Ariz.
bryanti Blais. 37-134 Ariz.
palmerleensis Blais. 37-136 Ariz.**Neobaphion**

elongatum Blais. 33-208 Nev.

Eleodopsis Blais. 39-52⁸

subvestita Blais. 39-53 Sn Nich.Id.,Cal.

⁵ Belongs in Asidinae—Craniotini, before Asidini, Blaisdell—37.⁶ Blaisdell—35.⁷ Blaisdell—37.⁸ Belongs in Eleodopsinae—Eleodopsini, to follow Eleodinae.**ALLECULIDÆ****Pseudocistela** Cr. 73-108⁴²* (Cistela of Lec. & Horn)⁴²
(Chromatia Lec. 61-244)⁴²amœna Say 23-268 Ind. O. Tex.
brevis Say 23-269 E.Can. E.U.S.
erythroptera Ziegl. 44-46
rufipes Melsh.pinguis Lec. 59-16 N.M. Kan. Cal.
paciñca R.Hopp. 33-284 B.C. Cal.
opaca Lec. 59-78 Cal.
theveneti Horn 75-156
marginata Ziegl. 44-46
pectinata R.Hopp. 33-285 B.C.**TENEBRIONIDÆ**¹**AUCHMOBIINI**^{*}**Auchmobius** Lec. 51-139²* sublaevis Lec. 51-140² Cal.
subovalis Blais. 34-238 B.C.
slevini Blais. 34-243 Cal.
parvicollis Blais. 34-246 Cal.
angelicus Blais. 34-249 Cal.
picipes Blais. 34-252 Cal.
subboreus Blais. 34-254 Cal.
sanfordi Blais. 34-257 Cal.

* * *

Stibia Horn 70-260³(Eutriorophus Csy. 24-296^{3 4})granulata Blais. 23-238 L.Cal.
fallaciosa Blais. 36-70 L.Cal.
puncticollis of Blais. (not Horn)³
v.interstitialis Blais. 36-73 L.Cal.
cribrata Blais. 23-239 L.Cal.
opaca Blais. 25-329 (nom.nud.)³
williamsi Blais. 25-328 L.Cal.
puncticollis Horn 70-260³ Cal. L.Cal.
hannai Blais. 25-329²
s.martinensis Blais. 36-83 L.Cal.³⁶ Nunenmacher in litt.⁴¹ Brown—36.⁴² R.Hopping—33.¹ Blaisdell—39. (Contains discussions of relationships and components of certain subfamilies and tribes arranged in two sections: (1) Tentyriinae, Coniointinae, Asidinae (Craniotini, Asidini); (2) Eleodinae (Eleodini, Amphidorini), Helopinae (Stenotrichini, Helopini), Blaptinae, Zopherinae, etc., etc.)² Revision of genus, Blaisdell—34.³ Revision of genus, Blaisdell—36.⁴ Blaisdell—33.

Adeliinæ⁹Cratidus⁹Amphidora⁹Trichoderulus⁹

* * *

Coniontis

- elongata Csy. 90-380
protensa Csy. 08-104¹⁰
?obsidiana Csy. 08-100
viatica Esch. 29-7 Cal.
lucidula Csy. 08-103¹⁰
innocua Csy. 08-99¹⁰
timida Csy. 08-102¹⁰
conicicollis Csy. 08-102¹⁰

Tribolium MacL. 25-47¹¹

- (*Margus* Dej. 33-200)
 * *castaneum* Hbst. 97-282¹¹ Cosmop.
ferrugineum of Dej. 21-68^{11 12 13}
confusum Duval 68-181¹¹ Cosmop.
ferrugineum of Muls. 54-244¹¹
madens Charp. 25-218¹¹ Eur. Afr. N.A.
obscurum Redt. 42-17¹¹

Corticus Pill. & Mitt. 83-87

- (*Corticus* of authors)¹⁴
(*Hypophlcus* Fabr. 90-24)¹⁴
(*Paraphlcus* Seidl. 94-553)¹⁴
strublei Blais. 34-188 Cal.
occidentalis Wallis 33-249¹⁵ B.C.
minor Wallis 33-248¹⁵ Alb.
subopacus Wallis 33-247¹⁵ B.C.

Centronopus Solier 48-154¹⁶

- * (*Scotobæmus* Lec. 59-87¹⁶)
(*Centronipus* Dej. MS)¹⁶
parallelus Lec. 59-88¹⁶ Cal. Ore.
wagneri Blais. 33-218 Cal.
simplex Blais. 37-95 Cal.
punctatus Blais. 33-220 Cal.

Helops

- guadalupensis* Csy. 90-488¹⁷ Guad. Id.,
[Cal.
crockeri Blais. 33-89 Guad. Id., Cal.

Stenotrichus¹⁸

- * *rufipes* Lec. 51-136 Cal.
parallela Csy. 24-328 (Amphidora)¹⁹
confluens Csy. 24-329¹⁹

⁹ Delete, transfer genera to Amphidorini and Eleodini, Blaisdell—39.

¹⁰ Results derived from rearing, Blaisdell—35.

¹¹ Revision of genus, Good—36.

¹² Other synonyms do not belong here, Good—36.

¹³ Shepard in litt, Uyttenboogaart, etc.

¹⁴ Blaisdell—34.

¹⁵ Described in *Hypophlcus*.

¹⁶ Revision of genus, Blaisdell—33.

¹⁷ Valid species, Blaisdell—33.

¹⁸ Transfer to *Helopinæ*—Stenotrichini, to follow

Helops, Blaisdell—39.

¹⁹ Blaisdell—33.

LAGRIIDÆ²⁰

Lagriinæ

Arthromacra Kby. 37-238²⁰

- ænea* Say 24-287 Can.-Minn.-Mo.
donacioides Kby. 37-239²⁰
v.glabricollis Blatch. 10-1285²¹ Ind.
v.rugosicollis Leng 14-287 Ga.
robinsoni Leng 14-286 Va.
appalachiana Leng 17-18 Va. N.C.
pilosella Leng 17-18 Tenn. Ky.

Statirinæ²⁰Statira Serv. 25-479²⁰

- STATIRA (s.str.)²⁰
pluripunctata Horn 88-29 Ariz.
simulans Schffr. 05-180 Tex.
croceicollis Mäkl. 63-594 ?Ala.
gagatina Melsh. 46-311 Pa.
basalis Horn 88-31 U.S.
colorata Fall 09-165 L.Cal.

MELANDRYIDÆ

(*Serropalpidæ*)

Xylita Payk. 98-249

- * *lævigata* Hell. 86-318²² Eur. N.A.
livida Sahlb. 34-448²² Eur. N.A.

Zilora Muls. 56-84²³

- * *alabamensis* Mank 38-102 Ala.
hispida Lec. 66-148²³ N.H.
occidentalis Mank 38-104 Cal.-B.C.
nuda Prov. 77-321²³ Que.
?canadensis Hausen 90-91²³ Que.

PTINIDÆ

Ptinus

GYNOPTERUS Muls. & Rey.
[68-53²⁴

- tectus* Boield. 56-652²⁴ Austral. S.A.
pilosus || White 46-8²⁴ [W.I. Eur.
ocellus Brown 29-109²⁴ [Afr. Asia,
[B.C. Wash.

ANOBIIDÆ

Neogastrallus Fisher 38-43²⁵

- libronocens* Fisher 38-44 Fla.

Nicobium

- hirtum* Ill. 07-19²⁶ Fla. Eur.

²⁰ Revision of family, Borchmann—36.

²¹ Leng Catalog.

²² Mank—37.

²³ Revision of genus, Mank—38.

²⁴ Hatch—34.

²⁵ In Anobiini near *Gastrallus*.

²⁶ Snyder—35.

Hadrobregmus

destructor Fisher 38-26 Alaska

Platybregmus Fisher 34-275²⁷

canadensis Fisher 34-275 Ont.

Eupactus Lec. 61-203²⁸*(Thaptor* Gorh. 83-205)²⁹
oblongus Gorh. 83-206²⁸ Cal. Mex.**BOSTRYCHIDÆ****Endecatomo** Mellie 47-108^{30 31}* reticulatus Hbst. 93-70³¹ Eur. S.St. Ind.
rugosus Dej. MS (Gemm. & Har.)³¹
rugosus Rand. 38-26³¹ Me.-Va.-Tex.-
dorsalis Mellie 48-218³¹ [Mich.**Sinoxylon**simplex Horn 85-155 Tex.
brevicollis Csy. 98-70 (Amphice-
[rus])³²**Rhizopertha**dominica Fabr. 92-359³³ Cosmop.
pusilla Fabr. 98-156³³
fissicornis Marsh. 02-82³³
piceus Marsh. 02-88³³
rufa Hope 45-16³³
frumentarius Nördl. 55-? ³³
moderatus Walk. 59-260³³**Heterarthron***(parvulum* Lesne, not No. American)³⁴**LYCTIDÆ****Trogoxylon**³⁵caseyi Lesne 37-240 Tex.
rectangulus || Csy. 24-184³⁴**CISIDÆ****Octotemnus**

dixiensis Tanner 34-47 Utah

²⁷ In Anobiini near *Hadrobregmus*.²⁸ Van Dyke—36.²⁹ Used also as subgenus, Van Dyke—36.³⁰ Spelled *Hendecatomo* by Lesne and others.³¹ Revision of genus, Lesne—35.³² Lesne—37.³³ Potter—35.³⁴ Lesne—37.³⁵ Placed in *Bostrychidæ* by Lesne—37.**SCARABÆIDÆ****Pinotus***(spadiceus* Lued., not No. American)¹**Phanæus**floridanus Dols. 24-94² Fla.
niger Dols. 24-95² La.
quadridens
v.borealis Dols. 24-100¹
vindex
v.cyanellus Rob. 38-107 Fla.**Onthophagus**depressus Har. 71-116
carteri Blackb. 04-147³ Ga. S.Afr.**Aegialia**LEPTÆGIALIA Brown 31-12
browni Saylor 34-74 Cal.
* * *
conferta Horn 71-294⁴ Ga. Ill. Cal.
nigrella Brown 13-47⁴ [Wash.**Trichlorhyssenus*** alternatus Hntn. 38-127⁵ Mex. ?Ariz.**Aphodius**utahensis Rob. 38-107 Utah
essigi Saylor 35-134 Cal.
rehni Rob. 38-109 Colo. Ariz.
linsleyi VanD. 33-115 Cal.
browni Hntn. 34-277
smithi || Brown 30-2⁶
rugoclypeus Hntn. 34-219 Cal.
cadaverinus of Saylor 33-188⁶
cadaverinus Mannh. 43-261⁶ Cal.
martini VanD. 28-153⁶ Cal.
washtucna Rob. 38-108 Wash.
dilaticollis Saylor 35-80 Ore.**Euparia** Serv. 25-357⁷* castanea Serv. 25-357⁷ Fla.-La. C.A.**Euparixia** Brown 27-288¹*(Euparixa* Leng & Mutch. 33-39)¹**Atænius**mlamii Cartw. 34-200 Fla.
platensis Blanch. 37-185⁸ S.A. W.I.
integer Har. 68-96⁸ [N.C. Tex.
anticus Fall 30-105⁸
falli Hntn. 34-119
consors || Fall 30-104⁸
carolinus VanD. 28-157⁹**Xeropsamobeus** Saylor 37-36

* desertus VanD. 18-10 Cal.

¹ Chapin in litt.² Transferred from *Copris*, Chapin in litt.³ Cartwright—38.⁴ Fall in litt.⁵ Hinton—38.⁶ Hinton—34.⁷ Revision of genus, Hinton—36.⁸ Hinton—37.⁹ Transferred from *Aphodius*, Hinton—37.

Pleurophorus

batesi Arrow¹⁰ W.I. C.A. N.A.
parvulus of authors¹⁰
nanus of Horn 87-96¹⁰

Saprosites Redt. 58-436

* *ventralis* Horn 87-92¹¹ Can. D.C. Ind.

Phæocrous Cast. 40-108^{12 13}

* (*Phæocrous* Pering. 08-646)¹²
(*Silphodes* Westw. 45-160)¹²
emarginatus Cast. 40-109¹² E.Ind. ?Cal.
behrensii Horn 67-163¹²

Geotrupes

(*lævistriatus* Mots., not No. Amer.)¹⁴
(*occidentalis* Horn 80-144, syn.)¹⁴

Pleocoma Lec. 56-24^{15 16}

* *remota* Davis 24-23^{15 16} Utah
behrensii of Smith 85-33¹⁶
shastensis VanD. 33-183^{15 16} Cal.
puncticollis Rivers 89-17^{15 16} Cal.
rickseckeri Horn 88-5^{15 16} Cal.
trifoliata Linsley 33-57 ?Alaska
australis Fall 11-65^{15 16} Cal.
bicolor Linsley 35-11^{15 16} Cal.
carinata Linsley 38-56 Ore.
simi Davis 34-24^{15 16} Ore.
oregonensis Leach 33-186^{15 16} Ore.
fimbriata Lec. 56-25^{15 16} Cal.
tularensis Leach 33-186^{16 16} Cal.
fimbriata of Davis 35-17¹⁶
behrensii Lec. 74-83^{15 16} Cal.
sonomæ Linsley 35-12^{15 16} Cal.
hirticollis Schauf. 70-58^{15 16} Cal.
fimbriata of Lec. 57-40¹⁶
s.vandykei Linsley 38-56 Cal.
crinita Linsley 38-53 Cal.
hoppingi Fall 06-394^{15 16} Cal.
badia Fall 17-15^{15 16} Cal.
conjungens Horn 88-7^{15 16} Cal.
hirsuta Davis 34-83^{15 16 17} Cal.
blaisdelli Linsley 38-55 Cal.
conjungens of Leach 33-185¹⁶
staff Schauf. 70-52^{15 16} Cal.¹⁸
adjuvans Crotch 74-58¹⁶
dubitalis Davis 35-30^{15 16 19} Ore.
s.leachi Linsley 38-52 Ore.
minor Linsley 38-52 Ore.
edwardsi Lec. 74-83^{15 16} Cal.
staff of Horn 88-11¹⁸
ulkei of Leach 33-184¹⁶
ulkei Horn 88-9^{15 16} ?Utah,²⁰ Cal.

Benedictia Sanderson 39-1²¹

* *pilosa* Sandn. 39-2 Tex.

Lichnanthe Burm. 44-26

(*Amphicoma* of authors)²²

Oncerinae²³

Oncerus Lec. 56-283²³

* *floralis* Lec. 56-284²³ Cal.

Nefoncerus Saylor 38-101²³

* *convergens* Horn 94-394²³ Cal.

* * *

Chaunocolus Saylor 37-35²⁴

* *cornutus* Saylor 37-35 L.Cal.

Chnaunanthus Burm. 44-31²⁵

* (*Acratus* Horn 67-165)²⁵
(*Pseudacratus* Dalla Torre 12-7)²⁵
flavipennis Horn 67-165²⁵ Ariz. Ut.
palmeri Horn 94-393²⁵
discolor Burm. 44-32²⁵ Mex. L.Cal.
chapini Saylor 37-535²⁵ Cal. Ore.

Serica MacLeay 19-146²⁶

(*Aserica* Lewis 95-394)²⁶

porcula Csy.²⁷
alternata Lec. 56-276 N.M.-Cal. Colo.
[Ut.
s.exolita Dawson 33-437 Cal.
s.patruela Dawson 33-437 Cal.
acontia Dawson 33-438 Cal.
repanda Dawson 33-439 Cal.
laguna Saylor 35-1 Cal.
peregrina Chpn. 38-68 Japan, N.Y.
similis of Leng & Mutch. 33-90²⁸
brunnea || Waterh. 75-101²⁸
mckenziei Saylor 35-2 Cal.
prunipennis Saylor 36-4 Cal.
pruinosa || Saylor 35-2²⁹
falcata Daws. 33-439 Nev. Cal.-Wash.
stygia Daws. 33-439 Cal.
prava Daws. 33-440 Cal.
senta Daws. 33-440 Cal.

Autoserica Brenske 97-356²⁶

* (*Aserica* of Arrow, not Lewis)²⁶
castanea Arrow 13-398 Japan, N.Y., N.J.

Diplotaxis

falli Saylor 35-35 Cal.
testacea Burm. 55-263³⁰ Carolina
basalis Fall 09-73 Kan. Neb. Colo.

¹⁰ Cartwright in litt.

¹¹ Transferred from *Pleurophorus*. Chapin and Cartwright in litt.

¹² Robinson—38.

¹³ To follow *Pachyptectris*.

¹⁴ Robinson—38, and Chapin in litt.

¹⁵ Revision of genus, A. C. Davis—35.

¹⁶ Linsley—38; a more complete revision than that of Davis, but arranged alphabetically.

¹⁷ Described as a variety of *conjungens* but elevated to species by Linsley—38.

¹⁸ This probably should be changed to Oregon, Leach—33.

¹⁹ Described as a variety of *staff* but elevated by Linsley—38 and locality cited as California.

²⁰ Found only in California, Leach—33.

²¹ Belongs in *Pleocominae*, Sanderson—39.

²² Chapin—38.

²³ Revision of subfamily, Saylor—38.

²⁴ Probably in *Chasmatopterini* of Leng Catalog.

²⁵ Revision of genus, Saylor—37.

²⁶ These names are arranged thus by Chapin—32, but *Autoserica* is placed as synonym of *Aserica* Lewis by Arrow—27 and —33.

²⁷ Valid species, Dawson in litt.

²⁸ Chapin—38.

²⁹ Saylor—36.

³⁰ These references were reversed in the catalog; the species are probably distinct, Fall in litt.

Phyllophaga Harris 26-6

- (*Melolontha* Fabr. 75-31)³¹
 (*Stenothorax* Harris 26-8)³¹
 (*Rhizotrogus* Berthold 27-362)³¹
 (*Lachnosterna* Hope 37-99)³¹
 (*Holotricha* Hope 37-99)^{31 32}
 (*Ancylonycha* Blanch. 45-216)³¹
 (*Trichesthes* Er. 47-658)³¹
 (*Trichestes* Blanch. 50-141)³¹
 (*Tostegoptera* Blanch. 50-149)^{31 33}
 (*Eugastra* Lec. 56-233)³¹
 (*Endrosa* Lec. 56-234)³¹
 (*Gynnis* Lec. 56-262)³¹
 (*Phytalus* Er. 47-658)^{32 34}
- lanceolata Say 23-242 Wis.-Ark.-N.M.-
 [Colo.
 arizone Bloeker 36-55³⁵ Ariz.
 grisiana Bloeker 36-56³⁵ Tex.
 cazieri Bloeker 36-57³⁵ Kans.
 squampilosa Saylor 37-280 Tex.
 cribrosa Lec. 53-231³⁶
 s. cribrosa (s.str.)³⁶ Kan.-Mex.
 s. ventricosa Lec. 53-440³⁶ Tex.-Ariz.
 cribrosa of Horn 87-217³⁶
 epigæa Wickh. 03-71³⁶ Tex. N.M.
 schæfferi Saylor 37-231 Ga.
 georgiana || Schffr. 09-382³²
 pagilis Saylor 37-321 Fla.
 parva || Linell 96-726
 ephillida Say 25-196
 longitarsis || Burm. 55-359³¹
 burmeisteri Lec. 56-144³¹
 longitarsa Say 23-241
 frontalis Lec. 56-239³¹
 clemens Horn 87-227 N.J.-Fla. Tex.
 howei Sandn. 37-17³⁷
 congrua Lec. 56-243
 fervens || Blanch. 50-133³¹
 yucana Saylor 37-321
 sericata || Blanch. 50-136³²
 kentuckiana Ritchee 37-285 Ky. Ala.³⁷
 floridana Rob. 33-110 Fla. Ga.³⁷ Ala.³⁷
 omani Sandn. 37-66 Ala. Ga.
 hirticula Knoch 01-79
 hirsuta || Say 13-142³¹
 crenulata Blanch. 50-133³¹
 quercus Knoch 01-72
 fervida Ill. 02-44³¹
 sequoiana Saylor 36-2 Cal.
 linsleyi Saylor 36-4 Ariz.
 stohleri Saylor 38-130 Nev.
 dentex Bates 88-192³⁸ Mex. Ariz.
 pusillidens Fall 37-31
 microdon || Fall 29-113³⁹
- crassissima Blanch. 50-133
 fervida || Blanch. 50-133³¹
 obesa Lec. 56-251³¹
 robusta Lec. 56-257³¹
 generosa Horn 87-222³¹
 subpruinosa Csy. 84-38
 deani Luginb. 28-78³⁵
 micans Knoch 01-77
 sororia Lec. 56-246³¹
 lodingi Sandn. 39-4 Ala.
 fusca Froelich 92-99
 fervida || Oliv. 89-24³¹
 fervens Gyll. 17-74³¹
 fraterna Harris 41-29
 cognata Burm. 55-322³¹
 nova Smith 89-508³¹
 forsteri Burm. 55-325
 fosteri Travis 34-332
 luctuosa Horn 87-254
 rugostodes Linell 96-728¹²
 texana Sandn. 37-16 Tex.
 duvalus Rob. 38-110 Fla.
 linelli Saylor 37-321
 minor || Linell 95-728³²
 jonesi Sandn. 39-5 Ala.
 ilicis Knoch 01-71
 porcina Hentz 30-253³¹
 fimbriata Burm. 55-326³¹
 ciliata Lec. 56-253³¹
 subtonsa Lec. 56-254³¹
 burmeisteri DallaT. 12-193³¹
 inflexa Barrett 35-49 Ariz.
 elizoria Saylor 37-321 Fla.
 pygidialis || Schffr. 06-257³²
 fucata Horn 87-278
 linsleyi Saylor 36-4³⁵
 psiloptera Sandn. 39-7 Tex.
 howei Sandn. 37-17 S.C. Fla.
 youngi Cartw. 35-102 Fla.
 crinita Burm. 55-359
 longiclavus Fall 22-173 (Listroche-
 [us]¹
 perita Sandn. 37-14 Ariz.
 * PHYTALUS Er. 47-658^d
 trichodes Bates 90-178
 robustus of Horn 95-120^d
 sandersonia Saylor 39-161^d
 omani Sandn. 37-10 Ala.
 georgiana Horn 85-122 N.J. Ala.
 obsoleta Blanch. 50-131 C.A.
 s.vanalleri Schffr. 27-215^d Ala. La.
 [Tex.
 bilobatata Saylor 39-165 Ariz. ?N.M.
 cephalicus of Horn 85-120^d
 pallida Horn 85-121 Ariz. Mex.
 sonora Saylor 39-167 Ariz. Mex.
 debilis of Horn 85-122^d

³¹ Travis—34.³² Saylor—37.³³ Used as subgenus by Bloeker—36.³⁴ Also used as subgenus by Saylor in litt., and other writers.³⁵ Saylor in litt.³⁶ Von Bloeker—37.³⁷ Sanderson—39.³⁸ Saylor—35.³⁹ Fall—37.

Listrochelus

- langeri Chpn. 34-93 Colo. N.M. Ut.
 duncani Barrett 33-129 Ariz.

^d Revision of subgenus, Sanderson—39.¹ Chapin in litt.¹² Robinson—38.

Chlænobia Blanch. 50-116 ⁴⁰
 * *vexata* Horn 85-120 (Phytalus) ⁴⁰ Tex.
cavifrons Linell 96-729

Polyphylla

conspersa Burm. 55-407 ⁴¹
r.hammondi Lec. 56-228 ⁴¹ Kan.-Ill.
r.subvittata Lec. 56-229 ⁴¹ Tex.
squamicauda Csy. 14-324 ⁴¹
oblita Csy. 14-326 ⁴¹
bisinuata Csy. 14-327 ⁴¹
r.molesta Csy. 14-324 ⁴¹ N.Mex.
?verecunda Csy. 14-325 ⁴¹ N.Mex.
?impigra Csy. 14-326 ⁴¹ N.Mex.
?sejuncta Csy. 14-328 ⁴¹ N.Mex.
r.proba Csy. 14-329 ⁴¹ Ariz.
?diffusa Csy. 14-329 ⁴¹ Ariz.
?pimalis Csy. 14-330 ⁴¹ Ariz.
(r.cavifrons Lec., not No. Amer.) ⁴¹
barbata Cazier 38-161 Cal.
hirsuta VanD. 33-116 Ariz.
occidentalis Linn. 67-555 ⁴¹
r.variolosa Hentz 30-256 ⁴¹ Me.-N.Y.
r.occidentalis (s.str.) ⁴¹ Va.-Fla.
r.gracilis Horn 81-73 ⁴¹ Fla.
r.comes Csy. 14-352 ⁴¹ Ky.
r.speciosa Csy. 89-17 ⁴¹ N.M. Colo.
10-lineata of Csy. (part.) ⁴¹
acomana Csy. 14-342 ⁴¹
latifrons Csy. 14-340 ⁴¹
?diffracta Csy. 89-17 ⁴¹ N.Mex.
?adusta Csy. 14-331 ⁴¹ N.Mex.
r.10-lineata Say 23-246 ⁴¹ Kan.
?reducta Csy. 14-346 ⁴¹ Wash.
?nigra Csy. 14-334 ⁴¹ Wash.
?crinita of Csy. ⁴¹ Wash.
r.perversa Csy. 14-348 ⁴¹ Wash.
r.oregona Csy. 14-348 ⁴¹ Ore.
?opposita Csy. 14-330 ⁴¹ Ore.
?mystica Csy. 14-334 ⁴¹ Ore.
?crinita of Csy. (part) ⁴¹
r.modulata Csy. 14-333 ⁴¹ Ore.
r.arguta Csy. 14-339 ⁴¹ Utah
r.laticauda Csy. 14-345 ⁴¹ Nev.
r.rugosipennis Csy. 14-337 ⁴¹ Ariz. Ut.
r.matrona Csy. 14-350 ⁴¹ Ariz.
r.fuscula Fall 08-161 ⁴¹ Ariz.
?lævicauda Csy. 14-338 ⁴¹ Ariz.
?r.crinita Lec. 56-230 ⁴¹ Cal.
?r.incolumis Csy. 14-335 ⁴¹ Cal.
?r.relieta Csy. 14-336 ⁴¹ Cal.
?r.robustula Csy. 14-336 ⁴¹ Cal.
?r.sobrigna Csy. 14-339 ⁴¹ Cal.
?r.squamotecta Csy. 14-343 ⁴¹ Cal.
?r.pacifica Csy. 95-607 ⁴¹ Cal.
?r.ruficollis Csy. 14-346 ⁴¹ Cal.
?r.castanea Csy. 14-347 ⁴¹ Cal.

Phobetus Lec. 56-227 ⁴²
 * *comatus* Lec. 56-227 ^{42 43} Cal. Ore.
leachi Barrett 35-51 ⁴²
v.centralis Csy. 09-281 ^{42 44} Cal.
v.sloopi Barrett 33-130 ^{42 43} Cal.

saylori Cazier 37-116 Catal. Id. Cal.
ciliatus Barrett 35-51 ^{42 43} Cal.
testaceus Lec. 61-346 ^{42 43} Cal.
collacatus Walker 66-346 *
humeralis Cazier 37-85 Cal.
mojavus Barrett 33-130 ^{42 43} Cal.
palpalis Saylor 36-1 ⁴² Cal.

Dichelonyx

arizonica Barrett 33-132 Ariz.
vicina Fall 01-291
deserta Hopping 31-236 ³⁵
arizonensis Saylor 33-158 Ariz.

Cænonycha

tingi Cazier 37-126 Cal.
testacea Cazier 37-127 Cal.
stohleri Saylor 35-102 Nev.

Plectris Serv. 25-369

* (*?Philochlænia* Blanch. 50-122) ⁴⁵
aliena Chpn. 34-34 S.Car.

Ceraspis Serv. 25-370

* (*Faula* Blanch. 50-124) ⁴⁵
pilatei Har. 63-174 ³⁸ Ariz. C.A.
bauii Nonfr. 90-76 ⁴⁶

Leptohoplia Saylor 35-132 ⁴⁷

* *testaceipennis* Saylor 35-133 Cal.

Hoplia

lecontei DallaT. 13-376 Cal.
pubicollis || Lec. 56-285 ³⁹
floridana, for Ind. read Fla. ¹

Anomala

foraminosa Bates 88-229 ¹² Mex. Tex.
insitiva Rob. 38-112 Tex.
polychalca of Schffr. 06-2 ¹²
dubia Scop. 63-3 ^e Eur. N.J.

Rutelinae ⁴⁸

Areodina

Cotalpa Burm. 44-423 ⁴⁸

* COTALPA (s.str.) ⁴⁸
consobrigna Horn 71-337 Ariz.
flavida Horn 78-53 Ut. Ariz.
lanigera Linn. 64-22 Can.-N.J.
s.obesa Csy. 15-90 ⁴⁸ Ind. Ia. Wis.
molaris Csy. 15-90 La.
subcibrata Wickh. 05-3 Kans.
tau Wickh. 05-2 Ariz.
vernicata Csy. 15-91 Va. N.Y.
 PARACOTALPA Ohaus 15-256 ⁴⁸
 (*Pocalta* Csy. 15-68) ⁴⁸
brevis Csy. 15-95 Cal.
granicollis Hald. 52-374 Utah
lævicauda Csy. 15-95 Cal.

⁴⁰ Chapin—35.

⁴¹ Kuntzen—33.

⁴² Revision of genus, Cazier—37.

⁴³ Revision of genus, Barrett—35; all as valid species.

⁴⁴ As synonym, Barrett—33.

^e Angell in litt.

⁴⁵ Chapin—34.

⁴⁶ Dalla Torre—Col. Cat. p. 59.

⁴⁷ Probably a new tribe near Hopliini, Saylor—35.

⁴⁸ Revision of subfamily, Ohaus—34.

- nigripennis Csy. 15-97 Cal.
 pubicollis Csy. 15-98 Utah
 puncticollis Lec. 63-78 N.Mex.
 rotunda Csy. 15-96 Cal.
 rubripennis Csy. 15-97 Cal.
 ursina Horn 67-168 Cal.
- PARABYRSOPOLIS Ohaus
 [15-256⁴⁸
 (*Parareoda* Csy. 15-68)⁴⁸
- arizonæ Ohaus 12-313 Ariz.
 batesi Ohaus 15-257 Mex. ?Ariz.
lanigera Bates 88-291⁴⁸
 rufobrunnea Csy. 15-100 Ariz.
Pelidnotina
- Plusiotis Burm. 44-417⁴⁸
- * woodi Horn 85-124 Tex.
 ampliata Csy. 15-82 Ariz.
 beyeri Skinner 05-289 Ariz. Mex.
s.ocularis Csy. 15-83⁴⁸
 angustata Csy. 15-86 Ariz.
 lecontei Horn 82-120 Ariz. N.M. Mex.
 gloriosa Lec. 54-221 Ariz. Mex.
- Pelidnota MacLeay 19-157⁴⁸
 (*Aglycoptera* Shp. 85-2)⁴⁸
 (*Odontognathus* Lap. 40-139)⁴⁸
 (*Strigidia* Burm. 44-388)⁴⁸
- PELIDNOTA (s.str.)
- lucaæ Lec. 63-78 L.Cal.
 lugubris Lec. 74-54 Ariz. Mex.
 lutea Oliv. 89-23 Tex. Fla.
s.brevicollis Csy. 15-74⁴⁸ Fla.
s.hudsonica Csy. 15-74⁴⁸ N.Y.
s.pallidipes Csy. 15-74⁴⁸ Va.
s.texasensis Csy. 15-74⁴⁸ Tex.
 oblonga Csy. 15-73 La.
s.debiliceps Csy. 15-73⁴⁸ N.J.
s.ponderella Csy. 15-73⁴⁸ D.C.
 punctata Linn. 58-350 N.A. ?Mex.
 tarsalis Csy. 15-74 N.Y.
- Parastasiina*
- Parastasia Westw. 41-204
- * (*Barymorpha* Guer. 43-41)⁴⁸
 (*Cælidia* Burm. 44-331)⁴⁸
 (*Echmatophorus* Waterh. 95-158)⁴⁸
 (*Polymæchus* Lec. 56-23)⁴⁸
 (*Urleta* Westw. 75-238)⁴⁸
- brevipes Lec. 56-23 Pa. N.Y. Mo.
 conicicollis Csy. 15-104 Pa.
Rutelina
- Rutela Latr. 02-151
- * (*Microrutela* Bates 04-250)⁴⁸
 formosa Burm. 44-383 Cuba, Fla.
- * * *
- Coscinoccephalus Prell 36-145
 (*Anopiocephalus* || Schffr. 06-259)⁴⁹
- nigripennis Latr. 29-552
 * (*Diapatalia* Csy. 15-111)⁵⁰
 (*Aclimidia* Csy. 15-113)⁵¹
 SPILOSOTA Csy. 15-112^{51 52}
 (*Ochrosidia* Csy. 15-112)^{51 52 53}
- hirta Lec. 61-346⁵² Cal. Ariz. Ut.
nigricollis Burm. 47-54⁵²
robusta Lec. 66-79⁵²
magister Csy. 15-132⁵²
palidissima Csy. 15-133⁵²
inconspicua Csy. 15-133⁵²
s.pilosicollis Saylor 36-2⁵² Cal.
villosa Burm. 47-54⁵² ?Cal.
 abrupta Csy. 15-152⁵² Cal. Ore. Ariz.
phasma Csy. 15-153⁵²
obesula Csy. 15-156⁵²
oblongula Csy. 15-156⁵²
rustica Csy. 15-157⁵²
reflexa Csy. 15-153⁵²
 pasadenæ Csy. 15-148⁵²
arizonica Csy. 15-149⁵²
 immaculata Oliv. 90-29⁵² ?Cal.
nigrifrons Panz. 94-?⁵²
frontalis Sturm. 43-116⁵²
rufifrons Csy. 15-145⁵²
- DICHROMINA Csy. 15-160^{51 52}
 dimidiata Burm. 47-57⁵²
- * * *
- knobelæ Brown 34-33 Ark.
 borealis Arrow 11-172 N.Y.
villosa Burm. 47-54⁵⁵
 californica Arrow 37-9 Cal.
rustica Csy. 15-157⁵⁴
- Ligyrodes Csy., belongs in Cyclocephalini after Dyscinetus^{1 55}
- Cheiroplatys
 (*Pseudaphonus* Csy. 15-178)⁵⁴
 (*Orizabus* Fairm. 78-260)⁵⁴
- Aphonus Lec. 56-21⁵⁶
- * castaneus Melsh. 46-138⁵⁶ Me.-S.C.
obesus Burm. 47-119⁵⁶
trapezicollis Csy. 15-219⁵⁶
saginitus Csy. 15-220⁵⁶
cubiformis Csy. 15-221⁵⁶
 densicauda Csy. 15-216⁵⁶ Pa.
 tridentatus Say 23-209⁵⁶ Me.-Fla.-Ind.
frater Lec. 56-22⁵⁶
elongatus Csy. 15-220⁵⁶
aterrimus Csy. 15-216⁵⁶
congestus Csy. 15-218⁵⁶
politus Csy. 15-218⁵⁶
modulatus Csy. 15-219⁵⁶
scutellaris Csy. 24-335⁵⁶
 variolosus Lec. 48-88⁵⁶ Ga. Fla.
hydropicus Lec. 56-22⁵⁶
ingens Csy. 24-334⁵⁶

¹ Chapin in litt.³⁵ Saylor in litt.⁵⁰ Arrow—37.⁵¹ Considered as a synonym of Cyclocephala by Arrow—37.⁵² Revision of subgenera Spilosota and Dichromina, Saylor—37.⁵³ Used as valid genus by Brown—34.⁵⁴ Arrow—37.⁵⁵ Placed as synonym of Ligyris by Arrow—37.⁵⁶ Revision of genus, Arrow—37.⁴⁸ Revision of subfamily, Ohaus—34.⁴⁹ Prell—36.

- Aphonides** Rivers 89-6
(*Anoplognathus* || Rivers 89-101)⁶⁹
- Strategus** Hope 37-87
(*Anastrategus* Csy. 15-231)⁶⁴
anteus Drury 73-74 Fla. Tex.
atrolucens Csy. 15-247⁶⁴
septentrionis Csy. 15-249⁶⁴
divergens Csy. 15-246⁶⁴
pinorum Csy. 15-248⁶⁴
- Megasoma** Kby. 25-566
(*Megasomus* Csy. 15-261)⁶⁴
- Gymnetis** MacLeay
chevolati G. & P.
s.ramulosa Bates 69-389⁶⁷ Nic. Ariz.
ramifera Schffr. 05-159⁶⁷
balteata Csy. 15-280⁶⁷
- Cineretis** Schürh. 37-56⁶⁸
* *argenteola* Bates 89-354⁶⁷
s.*argenteola* (s.str.)⁶⁷ Mex.
a.lætula Csy. 15-281⁶⁷ Ariz.
- Potosia** Muls. 71-669⁶⁹
* *affinis* Ander. 97-154 Eur. Asia, Cal.
- Euphoria**
casselberryi Rob. 37-163 Tex.
- Euphoriaspis** Csy. 15-333
* *hirtipes* Horn 80-401 Neb.
æstuosa Horn 80-400⁶⁰ Kan.
- CREMASTOCHEILINI**⁶¹
- Cre mastocheilus** Knoch 01-115⁶¹
(*Trinodia* Csy. 15-365)⁶¹
(*Anatrinodia* Csy. 15-369)⁶¹
lengi Cazier 38-86 Ariz.
MACROPODINA Csy. 15-344⁶¹
- Genuchinus** Westw. 74-23⁶¹
(*Psilocnemis* Burm. 42-676)⁶¹
- Lissomelas** Bates 89-376⁶¹
- * * *
- Osmoderma**
* *scabra* Beauv.⁶²
eremicola Knoch⁶²
- Trichiotinus** Csy. 15-381⁶³
* *piger* Fabr. 75-41⁶³ Me.-Fla.-Tex.-Minn.
drummondi G. & P. 33-88⁶³
rotundicollis Kby. 37-138⁶³
lunulatus LeBaron 71-194⁶³
reductus Csy. 15-384⁶³
texanus of Leonard 28-430⁶³
rufobrunneus Csy. 14-375⁶³ Fla.
obesulus Csy. 14-376⁶³
affinis of Blatch. 30-34⁶³
texanus Horn 76-194⁶³ Kan. Okla. Tex.
monticola Csy. 15-383⁶³ [N.M.
intermedius Csy. 15-383⁶³
assimilis Kby. 37-137⁶³ N.S.-Pa.-N.M.-
bistriga Newm. 38-170⁶³ [B.C.
piger of Burm. & Sch. 40-413⁶³
variabilis Burm. & Sch. 41-240
[(part)⁶³
bibens Burm. 42-756 (part)⁶³
affinis of Schaum 49-293 (part)⁶³
affinis G. & P. 33-93⁶³ N.H.-Ga.-Ill.
piger B. & S. 40-413 (part)⁶³
variabilis B. & S. 41-240 (part)⁶³
bibens Burm. 42-755 (part)⁶³
mutabilis Schaum 44-400 (part)⁶³
ventricosus Csy. 15-386⁶³
parvulus Csy. 15-387⁶³
viridans of Leonard 28-430⁶³
viridans Kby. 37-139⁶³ Mich.-Kan.-Minn.
piger B. & S. 40-413 (part)⁶³
variabilis B. & S. 41-240 (part)⁶³
bibens Burm. 42-755 (part)⁶³
affinis Schaum 49-293 (part)⁶³
lunulatus Fabr. 75-41⁶³ Va.-Fla.-Tex.
viridulus Fabr. 75-820⁶³
virens Gmelin 90-1584⁶³
piger of Schönh. 17-105 (part)⁶³
bibens Burm. 42-755 (part)⁶³
mutabilis Schaum 44-400 (part)⁶³
semiviridis Csy. 14-376⁶³
carolinensis Csy. 14-376⁶³
rasilicauda Csy. 15-389⁶³
rufiventris Csy. 15-390⁶³
bibens Fabr. 75-40⁶³ N.Y.-Ga.-Ill.
bidens Oliv. 89-62⁶³
viridulus of Hubb. & Schw. 78-655⁶³

LUCANIDÆ

Pseudolucanus

- capreolus* Linn. 64-32
a.nigricephalus Benesh 39-273 Ill.
a.muticus Thunb. 06-205⁶⁴ Md. Tenn.

Dorcus

- brevis* Say 25-202⁶⁵ N.J.-Ga.-Mo.
parallelus Say 24-248⁶⁵ Bor. Amer.
parallelopipedus Linn. 58-354⁶⁵ Eur. Que.

⁶⁷ Schürhoff—37.⁶⁸ To follow *Gymnetis*, Schürhoff—37.⁶⁹ Intercepted by quarantine at San Francisco, Ting—34.⁸⁰ Transferred from *Euphoria*, Chapin in litt.⁶¹ Generic revision of tribe, Cazier—38.⁶² These are the only nearctic species, Hoffmann in litt.⁶³ Revision of genus, Hoffmann—35.⁶⁴ Benesh—39.⁶⁵ Benesh—37.

Platycerinae

Platycerus⁶⁶Megasemum Kr. 79-97
(*Nothorhina* || Csy. 12-263)⁵
aspera Lec. 54-18⁵ Ore. Vanc.Tetropium
auripile Bates 85-435⁶ Mex. Ariz.Opsimus Thoms. 60-377
* quadrilineatus Mannh. 43-305 Alas.-Cal.
biplectralis Csy. 24-229³Oeme
californica Linsley 34-162 Cal.
laticollis Linsley 34-163 Cal.
gracilis Lec. 81-27
densicolle Csy. 24-250 (Paranop-
[lium])⁶Pseudomethia Linsley 37-65
arida Linsley 37-66 Cal.Methia
evaniformis Knull 37-306 Tex.
xanthocollis Knull 35-98 Tex.
juniperi Linsley 37-64 Cal.
brevis Fall 29-58⁶ L.Cal.Osmidus Lec. 73-177
* guttatus Lec. 73-178 L.Cal. Ariz.
obscurella Csy. 24-255³
vestitus Csy. 24-255³Brothylus
gemmulatus Lec. 59-80 Cal. Utah
consors Csy. 24-254³
longicollis Csy. 24-254³PHORACANTHINI⁷Romaleum White 55-309⁷
(*Thersalus* Pascoe 66-372)⁸
(*Hypermallus* Lac. 69-302)⁸Eustromula Ckll. 06-242⁷
* (*Eustroma* Lec. 73-186)⁸
validum Lec. 53-82 Tex. Cal. L.Cal.
huachucae Csy. 24-245 (Anoplium)⁴Elaphidion Serv. 34-66⁷
(*Centrocerum* Thoms. 64-244)⁸
(*Cyclopleurus* Hope 35-107)⁸
(*Hypermallus* || Csy. 12-292)⁸Anelaphus Linsley 36-464
* spurcum Lec. 53-442⁹ Tex.
truncatum Hald. 47-33⁹ Fla. Tex.
niveivestitum Schffr. 05-132⁹ Tex.
brevidens Schffr. 08-333⁹ Ariz.
quadricollis Csy. 24-246⁹ Ariz.
inerm Newm. 40-29⁹ Pa. Fla. Tex.
albofasciatus Linell 96-393⁹ Cal. Ariz.
linelli Csy. 24-246⁹⁵ Van Dyke—37.
⁶ Linsley—34.⁷ Rearrangement of genera in the tribes Phora-
canthini and Sphaerionini, Linsley—36.⁸ Linsley—36.⁹ Transferred from Anoplium by Linsley—36.PASSALIDÆ⁶⁷

Pseudacanthinae

Popilius Kaup 71-75
* (*Passalus* of authors)⁶⁷
disjunctus Ill. 00-78 N.A.-S.A.
cornutus Fabr. 01-256⁶⁷
interruptus Linn. 64-35 (part)⁶⁷
distinctus Weber 01-79⁶⁷

Passalinae

Passalus Fabr. 92-24
* (*Neleus* || Kaup 69-30)⁶⁷
interruptus Linn. 53-354 L. Cal.
sulcatus Scop. 68-76⁶⁷ [Tex.-S.A.
spectabilis Perty 30-55⁶⁷
grandis Dej. 37-194⁶⁷
tlascala Perch. 35-45⁶⁷
punctiger St. Farg. & Serv. 25-20
*synonyms*⁶⁸ [Tex.-S.A.]

CERAMBYCIDÆ

Aplagiognathus Thoms. 60-320¹
* remotus Linsley 34-161 Ariz.Stenodontes
masticator Thoms. 67-99² Ariz. C.A.
[S.A.]Prionus
californicus Mots. 45-89
crassicornis Lec. 52-108³
ineptus Csy. 12-742³
humeralis Csy. 24-216³
s.horni Lam. 12-243⁴ Ariz.
lecontei Lam. 12-244⁴ Cal.Spondylis Fabr. 75-159
* uipiformis Mannh. 43-304 Alas.-L.Sup.-
laticeps Lec. 50-233³ [Ariz.-Cal.
collaris Csy. 12-218³
robustula Csy. 12-219³
subpubescens Csy. 12-219³
basalis Csy. 12-220³
parva Csy. 24-226³⁶⁶ Transferred from Dorcinae, Benesh—37.⁶⁷ Revision of family, Hincks & Dobb—35.⁶⁸ See Col. Cat. pars 142 for list of 47 synonyms
of this species.¹ Belongs in subfamily Prioninae, tribe Macroto-
mini, and subtribe Archetypi, Linsley—34.² Subgenus *Mallodon*, Linsley—34.³ Linsley—38.⁴ Linsley—35.

- Anopliomorpha** Linsley 36-465⁷
 * rinconium Csy. 24-248⁹ Ariz. Tex.
 reticollis Bates⁹ ?Ariz. L. Cal. Mex.
- Anoplium** Hald. 47-34⁷
 * nanulum Csy. 24-247⁸ Ariz. Tex.
 tuckeri Csy. 24-247⁸ Ariz. Tex.
 hoferi Knull 34-69⁸ Ariz. Tex.
 simile Schffr. 08-334⁸ Ariz. Tex.
 mœstum Lec. 53-442⁸ Fla. Tex.
 duncani Knull 27-117⁸ Ariz. Tex.
 unicolor Hald. 47-34⁸ Pa. Tex.
 cinerascens Lec. 50-15⁸ N. Mex. Tex.
 magnipunctata Knull 34-12 N. Mex. Tex.
 tricallosum Knull 38-140 Ariz. Tex.
 nanum Fabr. 92-300⁸ Cuba, Fla. Tex.
 subtropicum Csy. 24-245⁸
- Elaphidionopsis** Linsley 36-467⁷
 * fasciatipennis Linsley 36-467 Tex.
- SPHÆRIONINI**⁷
- Axestinus** Lec. 73-177⁷
 * (*Proteinidium* Bates 92-149)⁸ Tex.
 obscurus Lec. 73-177 Tex.
- Aneflus** Lec. 75-185⁷
 * sonoranus Csy. 24-241 Ariz. N. M. Tex.
 obscurus of Leng 85-pl. II, f. 27.⁸
 prolixus Lec. 63-203 L. Cal.-Tex.
 fisheri Knull 34-335⁸
 protensus Lec. 58-82 Cal.-Tex. Mex.
 cochisensis Csy. 12-296⁸
 calvatus Horn 85-132 Ariz. Cal.
- Aneflomorpha** Csy. 12-291⁷
 * duncani Linsley 36-472 Ariz. Tex.
 parkeri Knull 36-334 Ariz. Tex.
 texana Linsley 36-473 Cal. Tex.
 elongata Linsley 36-473 Cal. Tex.
 californica Linsley 36-476 Cal. Tex.
 levetti Csy. 92-29¹⁰ Ariz. Tex.
 arizonica Linsley 36-475 Ariz. Tex.
 fisheri Linsley 36-475 Tex.
- Anepsyra** Csy. 12-291⁷
 * tenue Lec. 54-81⁸ Tex. Ariz. Tex.
 aculeatum Lec. 73-184¹¹ Tex.
- Stenelaphus** Linsley 36-477⁷
 * alienum Lec. 75-173 Ariz.
- Stenosphenus** Hald. 47-39⁷
 notatum Oliv. 95-61 E. St.
- Gymnopsyra** Linsley 37-67⁷
 * phoracanthoides Linsley 37-68 Tex.
- Psyrrassa** Pascoe 66-481⁷
 (*Pseudibidion* Csy. 12-291)⁷
 brevicornis Linsley 34-164 Tex.
 basicornis Pasc. 66-481 Mex. Tex.
- * * *
- Obrium**
 glabrum Knull 37-41 Tex.
- LEPTURINI**¹²
- Pyrotrichus** Lec. 62-41¹²
 * vitticollis Lec. 62-41 Cal. B. C.
 cribripennis Csy. 13-198¹²
- Leptalia** Lec. 73-204¹²
 * frankenhaeuseri Mannh. 53-252 Alas.-
 macilenta Mannh. 53-253¹² [Cal.
 fuscicollis Lec. 57-65¹²
- Encyclops** Newm. 38-392¹²
 * cœrulea Say 27-280 Ont.-Conn.-Ill.
 pallipes Newm. 38-392¹²
 californicus VanD. 20-45 Cal.
- Toxotus** Dej. 21-112^{12 13}
 * (*Stenocorus* || Csy. 13-205)¹²
 cylindricollis Say 23-4 N. Y.-Ga.-Mo.
 dives Newm. 41-68¹²
 dentipennis Hald. 47-58¹²
 atratus Hald. 47-58¹²
 flavolineatus Lec. 54-18 B. C. Wash.
 [?Cal.
 vittiger Rand. 38-29 Que.-Pa.-Minn.
 nigripes Hald. 47-58¹²
 pacificus Csy. 13-209 Cal.
 hesperus Csy. 13-210¹²
 parviceps Csy. 13-210¹²
 tenellus Csy. 13-211¹²
 trivittatus Say 23-422 Man. Mo. Miss.
 virgatus Lec. 74-67¹²
 schauumi Lec. 50-320 Que.-Vt.-Ill.-Minn.
 croceus Leng. 90-68¹²
 cinnamopterus Rand. 38-45 Mass.-
 [N. C.-Kan. Cal.
 lateralis Csy. 91-37 Cal.
 uteanus Csy. 24-273¹²
 marginellus Csy. 24-274¹²
 vestitus Hald. 47-59 B. C.-Cal.
 nubifer Lec. 59-80¹²
 ater Leng 90-68¹²
 truncatulus Csy. 13-211¹²
 apiciventris Csy. 13-211¹²
 flaccidus Csy. 13-212¹²
 rufipennis Csy. 13-212¹²
 plagiatus Csy. 24-273¹²
 morio Csy. 24-274¹²
 obtusus Lec. 73-206 B. C. Wash. Wyo.
 brevicollis Csy. 13-214¹² [Alb.
 aureatus Csy. 13-213 Cal.
 gilvicornis Csy. 13-213¹²
 sericatus Csy. 13-213¹²
 subpinguis Csy. 13-213¹²
 oregonensis Csy. 13-214 Cal.-B. C.-Alb.

¹² Revision of part of tribe, Hopping—37.¹³ Linsley — 38 changes the authority of these genera to Zetterstedt (23-376) (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.¹⁰ Transferred from *Aneflus* by Linsley—36.¹¹ Transferred from *Aneflomorpha* by Linsley—36.

- Stenocorus** Geoff. 62-221¹²
 * (*Rhagium* Fabr. 75-182)¹²
 inquisitor Linn. 58-393 Alas.-Cal.-Conn.
 [Que. Eur. Sib. Japan
indigator Fabr. 87-145¹²
lineatum Oliv. 95-13¹²
investigator Mannh. 52-367¹²
californicum Csy. 13-195¹²
crassipes Csy. 13-195¹²
parvicornis Csy. 13-195¹²
boreale Csy. 13-195¹²
cariniventre Csy. 13-196¹²
thoracicum Csy. 13-196¹²
montanum Csy. 13-197¹²
- Centrodera** Lec. 50-325¹²
 * (*Parapachyta* Csy. 13-216)¹²
 spurca Lec. 57-63 B.C.-Cal.-Nev.-Ida.
cervinus Walk. 66-332¹²
 decolorata Harris 41-93 Que.-N.Y.-Ill.
rudibus Hald. 47-58¹²
lacustris Csy. 18-416¹²
 nevadica Lec. 73-205 Cal. Nev.
oculata Csy. 13-202¹²
 blaisdelli VanD. 27-102 Cal.
picta Hald. 47-58 Conn.-Ga.
pilosa VanD. 27-101 Cal.
 sublineata Lec. 62-40 Pa. N.C.
 tenera Csy. 13-203 Cal.
- Xylosteus** Friv. 38-180¹²
 * ornatus Lec. 73-205 Cal. Ore.
- Anthophylax** Lec. 50-326³
 (*Anthophilax* Lec. 50-236)^{12 3}
 * hoffmanni Beut. 03-518 N.C.
 malachiticus Hald. 45-64 N.S.-N.C.-
cyanea Hald. 47-151¹² [L.Sup.
viridipennis Csy. 18-246¹²
viridis Lec. 50-326^{3 12}
 attenuatus Hald. 47-59 N.B.-Va.-L.Sup.
 quadrimaculatus C. & K. 22-147 Ohio
 mirificus Bland 65-382 B.C.-C.A.-Colo.
venustus Bland 65-382¹²
costaricensis Bates 85-277¹²
 tenebrosus Lec. 73-203 Ore. Cal.
nigrolineatus VanD. 17-36¹²
 subvittatus Csy. 91-37 Colo.
- Pachyta** Dej. 21-112^{12 13}
 * armata Lec. 73-207 B.C.-Or.-Ida.
 lamed Linn. 58-391 Alas.-Cal.-Pa.-
liturata Kby. 37-178¹² [Que. Eur.
nitens Lec. 50-235¹²
conflagrata Mots. 60-147¹²
- Piodes** Lec. 50-318¹²
 * coriacea Lec. 50-318 Ore.
- Evodinus** Lec. 50-325¹²
 * monticola Rand. 38-27 N.S.-N.C.-Wis.
carolinensis Csy. 24-275¹²
 vancouveri Csy. 13-216 Alas.-Cal.
- Gaurotes** Lec. 50-324¹²
 * cressoni Bland 64-69 B.C.-Cal.-Colo.
lecontei Csy. 13-219¹²
 cyanipennis Say 23-423 N.B.-Ind.
servillei Serv. 35-214¹²
ione Newm. 40-423¹²
laportei Guer. 44-253¹²
leonardii Hald. 47-60¹²
 abdominalis Bland 62-270 Ont.-Va.
- Ophistomis** Thoms. 57-319¹²
 * (*Cyphonotida* Csy. 13-260)¹²
 lævicollis Bates 80-39 Ariz. Mex. Guat.
ventralis Horn 94-401¹²
- Bellamira** Lec. 73-328¹²
 * scalaris Say 27-278 N.W.T.-Que.-Fla.
coarctatus Hald. 47-59¹²
- Neobellamira** Sw. & Hopp. 28-15^{12 14}
 * delicata Lec. 74-97 Cal.
 sequoiæ Hopp. 34-115 Cal.
 ?antennata Schffr. 08-342 (Strangalia)¹²
- Strangalina** Auriv. 12-240^{12 14 15}
 * (*Ophistomis* of Csy.)¹²
 (*Strangalia* of Lec.)^{12 14}
 virilis Lec. 73-212 Tex.
 acuminata Oliv. 95-20 Ont.-Md.-O.
emaciata Newm. 41-63¹²
unicolor Hald. 47-62¹²
 famelica Newm. 41-68 N.Y.-Ga.-Mo.-
confluenta Hald. 47-61¹² [Minn.
flaviceps Hald. 47-61¹²
obsoleta Hald. 47-61¹²
solitaria Hald. 47-61¹²
carolina Csy. 13-277¹²
ochreipennis Csy. 13-278¹²
 bicolor Swed. 87-197 N.Y.-Ga.-Mich.
simulans Csy. 13-278¹²
 sexnotata Hald. 47-61 ?Mass. Fla.-
texana Csy. 13-276¹² [N.M.-Colo.
evanescens Csy. 13-276¹²
montana Csy. 91-40¹²
 strigosa Newm. 41-69 Fla.
 luteicornis Fabr. 75-197 Mass.-Fla.-
 [Tex.-Minn.
- Euryptera** Serv. 25-688¹²
 * ignita Schffr. 08-341 Ariz.
 huachucae Schffr. 05-164 Ariz. Tex.
 lateralis Oliv. 95-22 Mass.-Fla.-Miss.
distans Germ. 24-524¹² [Mex.
cincta Hald. 47-63¹²
obsoleta Hald. 47-63¹²
lateralis Hald. 47-63¹²
flavatra Blatch. 14-92¹²
subintegra Csy. 24-285¹²
 cruentata Martin 30-70 Ariz.

³ Linsley—38.¹² Revision of part of tribe. Hopping—37.¹³ Linsley — 38 changes the authority of these genera to Zetterstedt 28-376 (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.¹⁴ Hopping—34.¹⁵ This synonymy is given by Linsley—38 thus: *Strangalia* Serv. 35-220 (*Strangalina* Auriv. 12-228, *Ophistomis* Csy. 13-248).

- Argaleus** Lec. 50-319
nitens Lec.,¹⁰ for 50-235 read 50-319³
- Acmæops** Lec., for 50-235 read 50-321³
- Leptura**
tibialis Lec., for 50-339 read 50-329³
splendens Knull 35-191 Ariz.
- Anoplodera**
insignis Fall. 07-251⁶ Cal., Is. off L. Cal.
vittata Oliv. 92-523 N.A.
v.saratogensis Rau 35-63 N.Y.
- Typocerus**
standishi Knull 38-141 Tex. Okla.
- PSEBIINI*¹⁷
- Leptidiella** Strand 36-169
(Leptidea Muls. 39-105)
brevipennis Muls. 39-105¹⁵ Eur. Cal.
- * * *
- Callimellum** Strand 28-2
(Callimus || Muls. 46-App.)¹⁹
cyanipenne Lec. 73-192
variipes Csy. 12-311³
dehiscens Csy. 12-312³
ruficollis Lec. 73-192
longicollis Csy. 12-310³
s.opacipennis Csy. 12-311³ Cal.
- Pœcilobrium**
chalybeum Lec. 73-189 B.C.-Cal. Ida.
rugosipenne Linell 96-395³
minutum Csy. 24-261³
gibsoni Hopp. 31-234³
- Semanotus**
bifasciatum Fabr. 87-152²⁰ N.A.
 ANACOMIS Csy. 12-271²¹
ligneus Fabr. 87-153²¹ N.A.
nicolas White 55-321
litigiosa Csy. 92-25²¹ Cal.
v.terminata Csy. 12-274 Me.
terminalis VanD. 37-112
- Phymatodes**
blandus Lec. 50-79 Cal.
s.picipes Linsley 34-165 Cal.
propinquus Linsley 34-181 Cal.
concolor Linsley 34-181 Cal.
elongatus Hopp. 35-8 B.C.
- ⁶ Linsley—34.
¹⁰ Transferred from *Pachyta*, Linsley—38.
¹⁷ To follow *Necydalini*, Linsley—33.
¹⁸ Linsley—33.
¹⁹ This synonymy is cited by Mequignon—37 but fails to consider the prior name *Pilema* Lec. 73-192 (generally considered to be a synonym) and the still earlier name *Lampropterus* Muls. 63-214 (used as subgenus); nomenclaturally *Lampropterus* must be accepted as the genus name on the basis of these facts.
²⁰ Transferred from *Callidium*, Linsley in litt.
²¹ Van Dyke—37.
- rainieri* VanD. 37-113 Wash.
lecontei Linsley 38-109 Cal.
obscurum || Lec. 59-79³
?grandis Csy. 12-277³ Cal.
vulneratus Lec. 57-60 Cal. B.C.
nigrescens Hardy & Pr. 27-190²²
- Xylotrechus**
undulatus Say 24-291 L.Sup. Id.
fuscus Kby. 37-176²¹
lunulatus Kby. 37-175²¹
frosti VanD. 37-114
fuscus of authors²¹
insignis Lec. 73-199 Cal.
v.nunenmacheri VanD. 30-43⁴ Ore.
- Neoclytus**
confusus VanD. 37-115
kirbyi of authors²¹
longulus of authors²¹
nubilus Linsley 33-93 Cal.
muricatus Kby. 37-177 Can. N.St.
kirbyi Auriv. 12-392²¹
longipes || Kby. 37-176²¹
acuminatus Fabr. 75-194. E.N.A.
s.hesperus Linsley 35-163 Colo.
resplendens Linsley 35-163 Cal.
- Triodoclytus** Csy. 13-387
(Synclytus Lucas 20-480)²³
- Euderces**
balli Knull 35-192 Ariz.
- Rhopalophora**
bicolorella Knull 34-336 Ariz. Tex.
- Stenosphenus**
aridus Linsley 35-166 Utah
arizonicus Linsley 35-165 Ariz.
basicornis Linsley 34-60 L. Cal.
- Atimia**
helenæ Linsley 34-25 Cal.
- Elytroleptus**
floridanus Lec. 62-42 Mass. N.Y. Fla.
s.immaculipennis Knull 35-99 Tex.
- Tragidion**
opacum Knull 37-306 Tex.
- Moneilema** Say 24-403
(Monoplesa Mots. 75-144)²³
annulata Say 24-404 Kan.-Mont.-Ar.
armigera Mots. 75-146²³ Cal.
scabra Mots. 75-146²³ Cal.
- Monocharmus**
fulvomaculatus Linsley 33-118 Cal.
- Dorcaschema**
octovittata Knull 37-307 Tex.
- ⁴ Linsley—35.
²² Hopping—35.
²³ Linsley in litt.

Alphomorphus Linsley 35-100²⁴
vandykei Linsley 30-79 (Pogonocherus)⁴
[Tex.]

Leptostylus

falli Linsley 34-182 Ariz.
monki Knull 36-106 Tex.

Leiopus

imitans Knull 36-107 Tex.

POGONOCHERINI²⁵

Zaplois Lec. 78-418²⁵

* annulatus Chev. 62-250 Fla. Cuba
hubbardi Lec. 78-415²⁵

Lypsimena Lec. 52-155²⁵

* (*Allooscelis* Bates 85-358)²⁵
fuscata Lec. 52-155 N.Y.-Fla. Cuba,
leptis Bates 85-358²⁵ [Mex.-S.A.
californica Horn 85-194 Cal.]

Callipogonius Linsley 35-79²⁵

* cornutus Linsley 30-86 Tex.

Poliaenus Bates 80-120²⁵

(*Pogonocherus* of auth., in part)²⁵
californicus Schffr. 08-347 Cal.
pilatei VanD. 20-46²⁵
concolor Schffr. 09-102 Cal.
albidus Linsley 34-184 Cal.
oregonus Lec. 61-354 Pac.Cst.-Rky.Mts.
obscurus Fall 10-5 Ariz.
s.ponderosæ Linsley 35-85 Cal.
schaefferi Linsley 33-184 Cal.
vandykei Schffr. 32-153^{6 25}
californicus of authors (in part)^{6 25}
negundo Schffr. 08-164 Ariz.
volitans Lec. 73-232 L.Cal. Guat.
hirsutus Bates 80-120²⁵

Ecyrus Lec. 52-160²⁵

* penicillatus Bates 80-137 Tex. Mex.
fasciatus Hamilt. 96-137²⁵
texanus Schffr. 08-347 Tex.
dasycerus Sav 27-270 E.N.A. Can.
obscura Hald. 47-50²⁵
exiguus Lec. 52-161²⁵
s.floridanus Linsley 35-93 Fla.

Lophopogonius Linsley 35-94²⁵

* crinitus Lec. 73-267 Pac.Cst.

Pogonocherus Zett. 28-364²⁵

(*Pityphilus* Lac. 72-653)²⁵

POGONOCHERUS (s.str.)²⁵

penicillatus Lec. 50-234 Alas. Rky.Mts.
alaskanus Schffr. 08-385²⁵ [E.N.A.]

EUPOGONOCHERUS Linsley
[35-97]

propinquus Fall 10-6 Pac.Cst. Rky.Mts.
arizonicus Schffr. 08-346 Ariz.
medianus Linsley 35-98 Ariz.
pictus Fall 10-6 Rky.Mts. N.Pac.Cst.
simplex Hamilt. 96-135²⁵
emarginatus Csy. 13-347²⁵
fastigiatus Csy. 13-348²⁵
mixtus Hald. 47-50 N.N.A.
simplex Lec. 73-237²⁵
parvulus Lec. 52-160 N.N.A.
salicicola Csy 13-347²⁵

* * *

Lochmæocles

tesselatus Thoms. 67-90²⁶ Tex. S.A.

Cylindrataxia Linsley 34-183²⁷

salicicola Linsley 34-184 Tex.

Adetus Lec. 52-161²⁸

* (*Sicyobius* Horn 80-137)⁸
vanduzei Linsley 34-62 L.Cal.
brousi Horn 80-137 Tex.

CHRYSOMELIDÆ**Aulacoscelis**

ventralis Schffr. 33-297 Ariz.
femorata of Schffr.¹

Donacia

subtilis
s.magistrigata Mead 38-113 Cal.
idola Hatch 38-110 Wash.
distincta
s occidentalis Mead 38-114 Cal.
germari Mannh. 43-306 Ore.
flavipennis Mannh. 43-306²
emarginata Kby. 37-224 N.A.
pacificæ Schffr. 25-135²

Crioceris

duodecimpuncta
v.dodecastigma Suffr. 41-40¹ Eur.
[N.A.]

Lema Fabr. 98-90³

* pensulæ Cr. 73-24 L.Cal.
marginempressa Schffr. 33-299 Ariz.
concolor Lec. 85-24 N.Mex.
texana Cr. 73-24 Tex.
arizonæ Schffr. 19-320 Ariz.
sayi Cr. 73-25 S.E.U.S.
cornuta Fabr. 01-475 S.E.U.S.
simulans Schffr. 33-300 Kans.
coloradensis Linell 98-475 Colo.
gaspensis Brown 38-35 Que.
palustris Blatch. 13-22 E.U.S.
v.floridana Schffr. 33-300³ Fla.

²⁶ Knull—37.

²⁷ Belongs in Ataxiini near *Aporataxia*, Linsley—34.

²⁸ Belongs in Adetini (to follow *Ataxiini*), Linsley—34.

¹ Schæffer—33.

² Mead—38.

³ Revision of genus, Schæffer—33.

⁴ Linsley—35.

⁶ Linsley—34.

²⁴ Belongs in tribe *Acanthoderini* near *Alphus*, Linsley—35.

²⁵ Revision of tribe, Linsley—35.

- brunnicollis Lac. 45-391 Fla.
 maculicollis Lac. 45-392 S.E.U.S.
 collaris Say 24-430 Kan.-Ind. Fla.
 longipennis Linell 98-474 Colo. Neb. Ill.
 conjuncta Lac. 45-408 Fla.
 v.circumvittata Clark 66-41³ Fla.
 solani Fabr. 98-93 S.E.U.S.
 confusa Chev. 35-166 Fla.
 v.trabeata Lac. 45-409³ Fla. Ariz.
 v.omogera Horn 94-405³ L.Cal.
 balteata Lec. 85-24 Ariz.
 v.equestris Lac. 45-403³ Ariz.
 melanocephala Say 27-294 N.W.U.S.
 opulenta G. & H. 74-3258 Tex.
 flavida Horn 94-405 L.Cal.
 nigrovittata Guer. 29-262 N.M. Ariz.
 trilineata Oliv. 08-739 E.U.S.
 v.medionata Schffr. 33-303¹ Fla.-N.C.
 v.trivittata Say 24-429¹ 3⁴ W.St. N.Y.-
immaculicollis Chev. 35-112¹ [Ala.
trivirgata Lec. 59-22¹
nigrovittata of Schffr.¹
 v.californica Schffr. 33-301¹ 3² Cal.
nigrovittata Guer. 29-262 N.M.-
notativentris Schffr. 19-322¹ [C.A.
 æmula Horn 94-406 L.Cal.
 jacobina Linell 98-474 Tex.
 sexpunctata Oliv. 08-738 S.E.U.S.
 v.albini Lac. 45-492³ S.E.U.S.
 v.ephippium Lac. 45-483³ S.E.U.S.

(*Antipus* DeG., not North American)¹

- Anomæa** Lac. 48-130⁵ 6
 * mutabilis Lac. 48-137 Tex. Mex.
ruficauda Føersb. 21-261⁶
 nitidicollis Schffr. 19-322 Tex.
 crassicornis Schffr. 33-313 Fla.
 laticlavata Forst. 71-27 Atl.St.-S.D.-S.A.
 v.floridana Schffr. 33-315⁶ Fla.
 v.kansana Schffr. 33-314⁶ Kan.
 angustata Schffr. 33-316 Fla.
 högei Jacoby 88-66 Tex. Mex.

- Gynandrophthalma** Lac. 48-256⁶
 * militaris Lec. 58-83 Tex.
 arizonica Schffr. 19-323 Ariz.

- Coscinoptera**
 dominicana Fabr. 01-34 N.Eng.-Fla.-
 [Mex.
 v.franciscana Lec. 59-22¹ Tex. Ariz.
dorsalis Lec. 74-25¹ [Colo. Kan.

- Babia** Lac. 48-424⁶
 * quadriguttata Oliv. 91-37 E.U.S.-Neb.-
 [Tex.
 v.pulla Lac. 48-429⁶ Ariz. N.M.
 v.tenuis Schffr. 33-320⁶ Wyo.
 tetraspilota Lec. 58-83 Ariz. N.M.
 v.texana Schffr. 33-320 Tex.
 humeralis Fabr. 01-37 L.Cal. Mex.
 oregona Schffr. 33-321 Ore.

Fulcidacinae¹

(*Chlamydinae*)¹

- Arthrochlamys** Ihering 05-642
 (*Chlamys*) || Knoch 01-122)¹

* * *

- Monachusulus**
 scaphidioides Suffr. 51-215⁷ Mex. Ariz.
 opacicollis Schffr. 33-321 Ariz.

- Cryptocephalus**
 notatus
 v.sellatus Schffr. 33-322 Tex.
 binominis
 v.rufibasis Schffr. 33-322 Fla.
 multisignatus Schffr. 33-322 Ariz.
 trizonatus Suffr., for Ariz. read Tex.¹
 egregius Schffr. 34-459 Tex. Ga.
 snowi Schffr. 34-461 Ariz.
 cowaniæ Schffr. 34-462 Ariz.
 duryi Schffr. 06-230¹ Ariz. Tex.
 cupressi Schffr. 33-324 La.
 texanus Schffr. 33-323 Tex.
 amatus Hald. 49-253
apicidens Fall 32-22⁷
 spurcus Lec. 58-84 Cal.
 s.vandykei White 37-112 Cal.
 cerinus White 37-111 Cal.
 s.nevadensis White 37-113 Nev.
 incertus Hald. 49-250 Ga. Conn.
calidus Suffr. 51-241⁸
 bispinus Suffr. 58-347 Fla.
 albicans Hald. 49-252⁸
 pumilus Hald. 49-249 Ga. Fla.
pseudolus Suffr. 58-373⁸
 simulans Schffr. 06-231 Ariz.
 v.conjungens Schffr. 34-460 Tex.
 v.eluticollis Schffr. 34-460 Ariz.
 luteolus Newm. 40-250
defectus Lec. 80-201⁸
sanfordi Blatch. 13-23⁸
sanfordensis Clav. 13-182⁸

- Diachus**
 luscus Suffr. 58-377⁹ Ga.

- Bassareus**
 formosus Melsh. 47-173
 v.egenus Suffr. 51-311⁸ Pa.
 v.confluentinus Schffr. 34-464⁸ Mass.-
 [Pa.
 mammifer Newm. 40-250
speciosus Schffr. 34-463 (in error)⁸
pretiosus Melsh. 47-174
 lituratus Fabr. 01-50
 v.geminatus Hald. 49-253⁹
vittatus Suffr. 51-296⁸

- Nodonota**
 basalis Jacoby 90-197 Mex. Ariz.
 arizonica Schffr. 06-238⁸

⁴ Also cited as a valid species, Schæffer—33.

⁵ Cited as valid genus, Schæffer—33. (*Titubæa*

Lac. is listed as a possible synonym).

⁶ Revision of genus, Schæffer—33.

⁷ Fall—34.

⁸ Schæffer—34.

⁹ Transferred from *Cryptocephalus*, Schæffer—34.

Euphrytus

- snowi Schffr. 34-464 Ariz.
parvicollis Schffr. 34-465 Ariz.

Colaspis

- arizonensis Schffr. 34-466 Ariz.
nigrocyanea Cr. 73-45 Ariz.
 ? *dugesii* Lef. 85-32⁸
 ? *melancholica* Jac. 81-143⁸
viriditincta Schffr. 19-329⁸ Ariz.
viridiceps Schffr. 34-468 Ariz.
crinicornis Schffr. 34-469 Tex.
brunnea Fabr. 98-94
 v. *floridana* Schffr. 34-471⁸ Fla.
flavocostata Schffr. 34-470 Fla.
pini Barber 37-200¹⁰ La. Miss.
 s. *schotti* Barber 37-201¹⁰ N.J.
lata Schffr. 34-469 Neb.

Xanthonia

- pinicola Schffr. 34-471 Ariz.

Fidia

- viticida
 v. *texana* Schffr. 34-472 Tex.

Myochrous Er. 47-164¹¹

- * *magnus* Schffr. 04-228 Tex.
denticollis Say 23-448 Fla. Ind. Ill. Tex.
floridanus Schffr. 34-472 Fla.
movallus Johnson 31-148 S.D.
longulus Lec. 58-86 Cal. Ariz. Tex.
pauxillus Schffr. 34-473 Mont. Neb.
squamosus Lec. 59-24

Glyptoscelis Lec. 59-81¹²

- * (*Eumolpus* Weber 01-28)¹²
illustis Cr. 73-35 Cal. Ore.
 s. *aridis* VanD. 38-194 Cal.
pubescens Fabr. 77-220 Ont.-Mass.-Ga.
 hirsutus Gmel. 88-1703¹²
 hirtus Oliv. 08-906¹²
 pini Say 27-295¹²
barbata Say 26-296 Conn.-D.C.-Ind.
liebecki Blatch. 10-1137 Ind. Ill.
prospis Schffr. 05-169 Tex.
albida Lec. 59-81 Cal.
 s. *yosemite* Krauss 37-26 Cal.
 s. *diabolo* Krauss 37-26 Cal.
longior Lec. 78-462 B.C.-Ore.-Colo.
 albida of Horn 92-203¹²
sequoia Blais. 21-195 Cal.-Wash.-Nev.-
 [Ida.]
 s. *vandykei* Krauss 37-28 Ore.
parvula Blais. 21-196 Cal.
squamulata Cr. 73-36 Cal. Ore. Ariz. Ut.
alternata Cr. 73-36 Cal.
cryptica Say 23-449 Mo. Dak. Kan.
 albicans Baly 65-334¹² [?Mex.]

Colaspidea

- pallipes Fall 33-230 Cal.
grata Fall 33-230 Cal.
pomona Fall 33-231 Cal.
violaceipennis Horn 92-229 Ariz. Mex.
 ? *purpureicollis* Jac. 81-109⁸

Labidomera

- suturella Chev. 44-301⁸ Mex. Tex.

Chrysolina Mots. 60-210

- * (*Chrysolina* of auth., not Linn.)¹³
subsulcata Mannh. 53-254 Alas. N.W.T.
blaisdelli VanD. 38-48 Alas. N.W.T.
vidua Rogers 56-36 B.C.-Ore.-Ida.
 subseriata Lec. 60-321¹³
flavomarginata Say 24-452 Cal.-Alb.-O.
hudsonica Brown 38-35 Alas.-Que.
auripennis Say 24-452 Ind.-Tex.-Ariz.-
 cribraria Rogers 56-36¹³ [Ut.
 inornata Rogers 56-36¹³
 s. *cyanea* Schffr. 34-479¹³ Ariz. Ut.
 [N.M.]
basilaris Say 24-451¹³ Wyo. Colo. Neb.
 montevagans Lec. 78-463¹³
 montivagans VanD. 38-56
subopaca Rogers 56-36 N.Y.-Fla.-Ind.-
 opacipennis Cr. 75-50¹³ [Tex.
staphylea Linn. 58-370¹⁴ Eur. N.S.]

Calligrapha

- lunata Fabr. 87-69
 v. *latevittata* Achard 23-69⁸ Mass.
 lativittis Schffr. 34-478
 v. *mediorupta* Achard 23-69⁸
 medionota Schffr. 34-478
 v. *bowditchi* Achard 23-69⁸ Me. Mass.
 v. *hybrida* Say 23-449⁸ Colo. Neb. Man.
scalaris Lec. 24-173
 v. *floridana* Schffr. 34-476 Fla.
vicina Schffr. 34-476 N.Y.
verrucosa Suffr. 58-266⁸
multipunctata Say 23-451
 v. *biggsbyana* Kby. 37-212⁸
 v. *suturella* Schffr. 34-478⁸ N.H.

Galerucella

- ribicola Brown 38-37 Man.
quebecensis Brown 38-36 Ore.
stefanssoni Brown 38-36 N.W.T.

Erynephala Blake 36-425¹⁵

- * *puncticollis* Say 24-458¹⁶ Man.-Tex.-Ida.
 erosa Lec. 85-28
 morosa Lec. 57-70¹⁶ Cal.
maritima Lec. 65-218¹⁶ N.S.-Fla.-Tex.-
 [W.I.]

Monoxia

- beebei Blake 37-89 Gulf of Cal.

⁸ Schaeffer—34.¹⁰ Described from paratypes of *flavocostata*, Schffr.: this whole group badly needs revision; *brunnea* Fabr. must be changed, Barber—37.¹¹ Revision of genus, Schaeffer—34.¹² Revision of genus, Krauss—37.¹³ Revision of genus, Van Dyke—33.¹⁴ Leng Catalog.¹⁵ Revision of genus, Blake—36.¹⁶ Transferred from *Monoxia*, Blake—36.

- Disonycha* Chev. 37-414¹⁷
- * *pennsylvanica* Ill. 07-146 Mass.-Fla.-
sexlineata Oliv. 08-642¹⁷ [Tex.-Ill.
pennsylvania Strum. 43-283¹⁷
parva Blatch. 22-16¹⁷
- conjugata* Fabr. 01-495 N.C.-Fla. Cuba
costipennis Duval 57-129¹⁷
floridana Jacoby 01-146¹⁷
- procera* Csy. 84-182 B.C.-H.B.T.-Ga.-Ut.
? *vicina* Kby. 37-217¹⁷
? *pallipes* Cr. 73-64¹⁷
pennsylvanica of Horn 89-202
[(part)]¹⁷
nigriventris Schffr. 31-282¹⁷
- uniguttata* Say 24-88 Mass.-Fla.-La.-
? *vicina* Kby. 37-217¹⁷ [Man.
? *pallipes* Cr. 73-64¹⁷
pennsylvanica of Horn 89-202
[(part)]¹⁷
- limbicollis* Lec. 57-67 Cal. Nev.
alternata Ill. 07-144 N.W.T.-N.S.-S.C.-
? *quinquevittata* Say 24-88¹⁷ [Cal.
punctigera || Schffr. 31-279¹⁷
- latiovittata* Hatch 32-108 B.C.-Cal. Wyo.
puncticollis || Lec. 57-67¹⁷
quinquevittata Horn 89-203 (part)¹⁷
- schaefferi* Blake 33-24 Can. O.
pluriligata Lec. 58-27 Ill.-La.-Colo.
? *quinquevittata* Say 24-88¹⁷
v. *pura* Lec. 58-86¹⁷ Cal.-N.M. C.A.
capitata Jacoby 84-316¹⁷
quinquevittata of Jacoby 91-276¹⁷
- punctigera* Lec. 59-24 Ill.-N.M.-Alb.
? *quinquevittata* Say 24-88¹⁷
neglecta Schffr. 31-283¹⁷
punctipennis Schffr. 31-284¹⁷
- arizonæ* Csy. 84-52 Me.-S.C.-Ariz.-Man.
glabrata Jacoby 84-311
davisi Schffr. 24-141
v. *borealis* Blake 33-31 Ont. Mich.
tenuicornis Horn 89-208 Ariz. N.M.
caroliniana Fabr. 75-122 Mass.-Fla.-
? *s-vittata* Fabr. 92-47¹⁷ [Tex.-Ill.
? *vittata* Fabr. 01-491¹⁷
quinquevittata G. & H. 76-3497¹⁷
pulchra Csy. 84-51¹⁷
alternata || Horn 89-315¹⁷
- figurata* Jacoby 84-314 Nev. Ariz. C.A.
fumata Lec. 58-86 Tex. Mo. ?N.Y.
crenicollis of Horn 89-204 (part)¹⁷
alternata Jacoby 84-311 (part)¹⁷
horni Jacoby 84-311 (part)¹⁷
v. *quinquerutata* Schffr. 19-336¹⁷ Cal.-
carolina Brisley 25-175¹⁷ [N.M. Ut.
v. *lodingi* Schffr. 19-337¹⁷ Ala.
latifrons Schffr. 19-336 Cal.-N.M.-Mont.
v. *laticollis* Schffr. 31-284¹⁷ N.S.-N.J.-
[Minn.
quinquevittata of Whiteh. 18-38¹⁷
discoidea Fabr. 92-25 Md.-Ga.-Tex.-
nigridorsis G. & H. 76-3497¹⁷ [Kan.
v. *abbreviata* Melsh. 47-163¹⁷ Pa.-Va.-
[Ill.
- leptolineata* Blatch. 17-143 Fla.
v. *texana* Schffr. 19-339¹⁷ Va.-Ariz.
[Kan.
- antennata* Jacoby 84-35 Fla. Mex.
albida Blatch. 24-169¹⁷
alabamæ Schffr. 19-337 Ala. Tex.
admirabilis Blatch. 24-90 Mass.-Va.-
[Tex.-Ind.
- glabrata* Fabr. 81-156 N.Y.-Fla.-Ill.-S.A.
tomentosa of Fabr. 75-122¹⁷ [W.I.
vittata Oliv. 89-105¹⁷
alternata of Latr. 33-39¹⁷
horticola Dej. 37-414¹⁷
albicollis Sturm. 43-283¹⁷
- maritima* Mannh. 43-311 Cal. Nev.
collata Fabr. 01-463 Me.-Fla.-Ill.-C.A.
collaris Cr. 73-64¹⁷
mellicollis of Horn 89-211¹⁷
semicarbonata Lec. 59-25 N.M. Colo.
mellicollis Horn 89-211 (part)¹⁷
xanthomela Dalman 23-79 N.W.T.-
collaris of Ill. 07-126¹⁷ [Mass.-Va.-
xanthomelena G.&H. 76-3497¹⁷ [La.
merdivora Melsh. 53-122¹⁷
v. *cervicalis* Lec. 59-25¹⁷ Kans. Ga.
v. *atrella* Blake 33-57 Mass. Va. Ala.
triangularis Say 24-84 B.C.-Mass.-Va.-
puncticollis Kby. 37-218¹⁷ [Tex.
v. *montanensis* Blake 33-59 Mont.
politula Horn 89-211 Kan.-N.M.-Guat.
varicornis Horn 89-210 Tex. Cal. L. Cal.
funerea Rand. 38-47 Mass. Ct. Ga. Ala.
brevicornis Schffr. 31-281 Colo.
stenosticha Schffr. 31-285 Tex.
quinquevittata Fabr. 77-118¹⁵ Carol.
s-vittata Fabr. 92-47
mellicollis Say 31-10¹⁸ La. Mo.
vicina Kby. 37-217¹⁸ Can.
pallipes Cr. 73-64¹⁸
quinquevittata Say 24-85¹⁸ Mo.
- Altica**¹⁹
- bimarginata* Say 24-85²⁰
plicipennis Mannh. 43-310 Alas.-Cal.-
[Tex.-Man.
subplicata Lec. 59-25 Can.-La.-N.M.-
[Minn.
prasina Lec. 57-67 B.C.-Cal.-Ut.
ambiens Lec. 59-25 B.C.-Cal.-N.M.-Wyo.
v. *alni* Harris 69-263¹⁹ Me-Minn.
v. *latiplicata* Blake 36-21 Ore. Cal.
[Ariz. Nev.
guatemalensis Jacoby 84-297 Ariz. C.A.
napensis Blake 36-23 Cal.
caurina Blake 36-24 Alb. Wash.
* * *
- woodsii* Isely 20-11²¹
nancyæ Stirrett 33-208 Iowa
populi Brown 38-37 Ont. Mann.

¹⁸ Unrecognized species, Blake—33.¹⁹ Revision of part of genus, Blake—36.²⁰ Unrecognized species, Blake—36.²¹ Dietrich in litt.¹⁷ Revision of genus, Blake—36.

Orestioides Hatch 35-276²²* *robusta* Lec. 74-274²³ N.H. Que. Wash.**Systema**

elongata Fabr. 98-99 N.Y.-Fla.-Cal.
subænea Lec. 57-68²⁴ [Man.
dimorpha Blake 33-181 Cal.-N.M.-Kan.-
 [Mont.

* * *

tæniata Say 24-294²⁴
blanda Melsh. 47-164²⁴ N.Y.-Ga.-N.M.-
 [Ida.
 Cal.

s.ligata Lec. 57-68²⁴
ochracea Lec. 58-87²⁴
mitis Lec. 58-87²⁴ Cal.-Tex.-Colo.
bitæniata Lec. 59-26²⁴ Cal.-N.M.-Alb.-
 [Dak.

(*pallidula* Boh., not North American)²⁴
lævis Blake 35-100 Cal.-Colo. Ariz.
californica Blake 35-101²⁴ Cal.
carri Blake 35-102²⁴ Alb.

* * *

gracilentata Blake 33-180 Tex. Mex.

Psylliodes

credens Fall 33-233 Cal.
verisimilis Fall 33-232 N.Mex.

Anisostena

arizonica Schffr. 33-103 Ariz.
texana Schffr. 33-103 Tex.
kansana Schffr. 33-104 Kans.

Anoplitis

ancoroides Schffr. 33-105 N.J.

Chalepus Thunb. 05-282

* *bicolor* Oliv. 92-96²⁵ Tex. E.St.
walshi Cr. 73-81²⁵ Ill.-Colo.-Ark.-Ariz.

Xenocephalus Weise 10-136²⁶

HEMICHALEPUS Spæth 37-147²⁶
arizonicus Uhm. 38-425 Ariz. Mex.
crotchii Weise 10-144²⁶

Brachycoryna

lateralis Schffr. 33-105 Colo.

Stenopodius Horn 83-301²⁷

* *flavidus* Horn 83-301²⁷ Cal.
submaculatus Blais. 39-433 Cal.
v.laticollis Blais. 39-434 Cal.
v.pallidulus Blais. 39-435 Cal.
inyoensis Blais. 39-435 Cal.
v.pallidus Blais. 39-437 Cal.
martini Blais. 39-437 Tex.
texanus Schffr. 33-106²⁷ Tex.
vanduzeei Blais. 39-440 Cal.
insularis Blais. 39-442 Gulf of Cal. Is.

²² Belongs in *Halticina* near *Crepidodera* and *Orestia*, Hatch—35.²³ Transferred from *Crepidodera*, Hatch—35.²⁴ Revision of part of genus, Blake—35.²⁵ Uhmann—36.²⁶ Uhmann—38.²⁷ Revision of genus, Blaisdell—39.**Pentispa**

suturalis Baly 85-51 Mex. Ariz.
 (*v.vittula* Weise, not No. American)¹

Microrhopala

arizonica Schffr. 06-253²⁸

Chelymorpha

phytophagica Cr. 73-77 Ariz.
v.luteata Schffr. 33-108 Ariz.

Cassida

(*nebulosa* Linn., not North American)¹
flaveola Thunb. 94-103¹ Eur. Pa. Md.
 [N.Y.]

Chirida

barberi Spæth 36-140 Fla.

Psalidonota Boh. 55-81

* *texana* Schffr. 33-108 Tex.
leprosa of Horn¹

Erepocassis Spæth 36-260

* *rubella* Boh. 62-449 Ala. Ga.
marginepunctata Schffr. 25-236²⁹
marginepuncta Spæth 36-260

Strongylaspis Spæth 36-216³⁰

* *bisignata* Boh. 55-119²⁹ Kans. O. Tex.

BRUCHIDÆ

(Mylabridæ, Acanthoscelidæ)

Bruchus

tenuis Bott. 35-127 Fla.-Tex.-Mich.
brachialis Fahr. 39-79³¹ O.-N.J.-Ga.

BRENTIDÆ**Arrhenodes**

minutus Drury 70-95¹ E.N.A.

PLATYSTOMIDÆ(Anthribidæ)²**Gonioclaeus** Jord. 04-260

* (*Tropideres* of authors)³
bimaculatus Oliv. 95-14³ E.St.
rectus Lec. 76-395 E.St.

Brachytarsoides Pierce 30-29

irregularis Tanner 34-285 Utah

¹ Schæffer—33.²⁸ Probably valid species, Schæffer—33.²⁹ Spæth—36.³⁰ To follow *Metriona*, Spæth—36.³¹ Bridwell & Bottimer—33; Bottimer—36 and 37.¹ Transferred from *Eupsalis* (or *Platysystrophus*) by Buchanan—39.² This name used by Zimmerman—36 and Wolfrum—38.³ Transferred from *Tropideres* by Wolfrum—38.

CURCULIONIDÆ

*(Auletes Schönh., not North American)*⁴

- Auletobius** Desbr. 68-396^{4 5}
 (*Metopon* Waterh. 42-lxii)⁴
 (*Involvulus* Schrank 98-476)⁴
 (*Auletes* of authors)⁴
AULETOBIUS (s.str.)⁴
 congruus Walk. 66-331^{4 5} Ida-Neb.-Colo.
subcæruleus Lec. 76-4⁵
MESAULETES Voss 33-116⁵
 nasalis Lec. 76-412^{4 5} Cal.
 humeralis Boh. 59-117^{4 5} Cal.
rufipennis Pierce 09-327⁵
 albovestita Bl. & Leng 16-54^{4 5} N.A.
ALLETINUS Desbr. 08-79^{4 5}
 (*Nemonus* Desbr. 08-13)⁵
 ater Lec. 76-4⁴ Mass.-Tex.-Ont.

* * *

- ?cassandræ Lec. 76-5⁶ N.A.
 ?laticollis Csy. 83-233⁶ Cal.
 ?blatchleyi Voss 35-240⁶ Fla.
minor Blatch. 22-98⁶
 ?viridis Pierce 09-327⁶ Cal.

Deporaus Leach 19-201

- * (*Platyrhynchus* Thunb. 15-123)⁷
HYPODEPORANUS Voss
 [23-388⁷
 glastinus Lec. 57-52⁷ Colo. Ariz. Cal.
 [Wash.

Rhynchites Schneid. 91-82⁷

- HAPLORHYNCHITES**⁷
 eximius Lec. 76-413⁷ Colo. Ariz.
 æneus Boh. 29-22⁷ Can. Fla. Ore.
INVOLVULUS Schrank 98-475⁷
 hirtus Fabr. 01-421⁷ Mass. Fla. Mich.
 consobrinus Voss 38-159⁷ N.A.
RHYNCHITES (s.str.)⁷
 velatus Lec. 80-216⁷ Cal.

Corigetus Desbr. 73-662

- castaneus Rœlofs 73-168⁸ Asia, N.Y.

Brachyrhininæ*(Otiorrhynchinæ)***Trichalophus**⁹

- seminudus VanD. 38-7 Colo.

Plinthodes⁹**Triglyphulus** Kll. 06-243⁹

- * ater Lec. 76-117 Cal.
 nevadensis VanD. 38-8 Nev.

⁴ Voss—33.⁵ Revision of genus, Voss—34.⁶ Doubtful species, Voss—35.⁷ Voss—38.⁸ Davis—35.⁹ Transferred from Alophini, Wilcox & Davis—35.**Acmægenius**⁹

* * *

Sapotes

- longipilis VanD. 34-175 Ariz.

Eupagoderes

- huachuca VanD. 34-180 Ariz.
 halli VanD. 34-181 Ariz.
 simulans VanD. 34-176 Tex.
 decipiens Lec. 53-445
dunniamus Csy. 88-240¹⁰
 ocellatus VanD. 34-177 Colo. Ut.
 setosus VanD. 34-179 Ariz.

Cimbocera Horn 76-55¹¹

- * cinerea VanD. 35-1¹¹ Colo.
 cazieri VanD. 36-73
 pauper Horn 76-56¹¹ Dak. Wyo. Mont.
 conspersa Fall 07-261¹¹ Mont.-N.M.-
sericea Pierce 13-379^{11 12} [Ariz.
 robusta VanD. 35-2¹¹ Cal.

Paracimbocera VanD. 38-1

- * atra VanD. 38-2 Nev.

Miloderoides VanD. 36-74

- * maculatus VanD. 36-76 Ida.
 argenteus VanD. 35-4¹³ Colo.
Lepidopus VanD. 36-76
 * nevadicus VanD. 36-77 Nev.
 parvulus VanD. 36-73 Ida.

Dichoxenus

- setosus Blatch. 16-103¹⁴ Ind. Mo.

Pseudorimus VanD. 34-182

- * granicollis VanD. 34-183 Ariz.
gravicollis VanD. 34-185
 orbicollis VanD. 34-184 N.Mex.

Crocidema VanD. 34-185

- * californica VanD. 34-187 Cal.
 nigrior VanD. 34-188 Ariz.
 planifrons VanD. 34-189 Ariz.
 attenuata VanD. 34-190 Utah
 albovestita VanD. 34-190 Ariz.

Melanolemma VanD. 35-5

- montana VanD. 35-5 Colo.

Peritaxia Horn 76-46

- (*Parataxia* VanD. 36-79)
 uniformis VanD. 36-79 Ariz. Colo.
 brevipilis VanD. 35-6 Ariz.

¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.¹² Listed as variety by Van Dyke in 1934.¹³ Described in *Miloderes*, Van Dyke—35.¹⁴ Transferred from *Anametis*, Van Dyke—34.

- Dyslobus** Lec. 69-380¹⁵
 * (*Amnesia* Horn 76-48)¹⁶
 (*Thricomigus* Horn 76-48)¹⁶
 (*Melamorphus* Horn 76-40)^{10 15}
segnis Lec. 57-56 Cal. Ore.
lecontei Csy. 95-811 Cal-Wash.
simplex VanD. 33-37 Ore-Wash.
verrucifer Csy. 95-812 Ida-B.C.
bituberculatus Pierce 13-388¹⁵
denticulatus Pierce 13-388 Cal.
alepidotus Ting 37-79 Cal.
granicolis Lec. 69-380 B.C.-Cal.
sculptilis Csy. 88-250¹⁵ Cal.
discors Csy. 95-814¹⁵ Cal.
debilis Csy. 95-815¹⁵ Cal.
s.tumidus Csy. 95-813¹⁵ Cal.
s.vestitus VanD. 33-39 Ore.
viridescens VanD. 33-33 Ore.
squamipunctatus Pierce 09-350 Cal.
wilcoxi VanD. 33-40 Ore.
decoratus Lec. 69-381 Cal-B.C.
ursinus Horn 76-51 Ore.
raucus Horn 76-51 Cal. Vanc.
ciliatus Pierce 13-385¹⁵
tanneri VanD. 33-42 Utah
wasatchensis Tanner 38-147 Utah
argillous VanD. 35-7 Utah
remotus VanD. 38-3 Ore.
blaisdelli VanD. 33-42 Cal.
bakeri VanD. 33-43 Cal.-Wash.
luteus Horn 76-48 Colo. Mont. Wash.
granulatus Csy. 88-248 Cal. Ore.
deciduus Horn 76-52 Cal.
sordidus Horn 76-52 Cal.
elongatus Horn 76-53¹⁵
alternatus Horn 76-52 Mont. Alb.
 [Wash. Cal.
tessellatus Csy. 88-249 Cal.
franciscanus VanD. 33-45 Cal.
nigrescens Pierce 13-384 Wash.
niger Horn 76-40 Nev.
dolorosus VanD. 33-46 Cal.
- Adaleres**
flandersi VanD. 35-8 Cal.
- Panscopus** Schönh. 42-266¹⁷
 PANS COPUS (s.str.)
alternatus Schffr. 08-214 N.C.Ga.W.Va.
erinaceus Say 31-12 N.H.-Va.-Wis.
carinatus Pierce 13-398¹⁷
impressus Pierce 13-395 S.E.St.
s.thoracicus Buch. 36-4 N.C.
alternatus Pierce 13-394¹⁷
 PARAPANSCOPUS Buch. 36-
 [5¹⁷
maculosus Blatch. 16-105 N.Y.-Ky.-Ia.
ovatipennis Buch. 36-6 Ont.
s.verrucosus Buch. 36-7 Pa.
 PHYMATINUS Lec. 69-382¹⁷
gemmatus Lec. 57-56 Cal.-Wash.
- NOCHELES Lec. 74-453¹⁷
 (*Panscopideus* Pierce 13-
 [394]¹⁷
torpidus Lec. 57-55 Wash. Ore.
squamosus Pierce 13-394 Ore.
v.dentipes Pierce 13-395¹⁷ Wash.
micelbacheri Ting 38-121 Cal.
 DOLICHONOTUS Buch. 36-9¹⁷
convergens Buch. 36-10 Ore.
oregonensis Buch. 36-11 Ore.
 PSEUDOPANSCOPUS Buch.
 [27-33¹⁷
costatus Buch. 27-33 B.C. Wash.
 NEOPANSCOPUS Pierce 13-
 [397¹⁷
æqualis Horn 76-55 Kan.-Alb.-B.C.-Cal.
cinereus Horn 76-55¹⁷
vestitus Csy. 88-251¹⁷
squamifrons Pierce 13-397 Cal.
wickhami Buch. 36-13 Cal.
 NOMIDUS Csy. 95-818¹⁷
johnsoni VanD. 35-9 Wash.
bufo Buch. 27-31 Cal.
abruptus Csy. 95-819 Cal. Wash.
rugicollis Buch. 27-31 Wash. Ore.
schwarzi Buch. 27-30 Ut. Ida.
longus Buch. 36-16 Wash.
pallidus Buch. 27-31 B.C. Wash. Mont.
tricarinatus Buch. 27-32 Ore.
bakeri Buch. 36-17 Wash.
ovalis Pierce 13-396 Alb.
 * * *
coloradensis VanD. 36-80 Colo.
- Tanymecus**
texanus VanD. 35-86 Tex.
- HORMORINI**¹⁸
- Hormorus**¹⁸
Agasphærops Horn 76-24¹⁸
 * *nigra* Horn 76-25 Cal.
sulcirostris Pierce¹⁹
- Lupinocolus** VanD. 36-81¹⁸
 * *blaisdelli* VanD. 36-82 Cal. Nev.
 * * *
- Mitostylus**
elongatus VanD. 36-83 Tex.
- Epicærus** Schönh. 34-323
 * (*Melbonus* Csy. 95-820)¹⁰
scapalis Csy. 95-821¹⁰ Ariz.
denticulatus Pierce 09-350¹⁰
uniformis Tanner 34-287 Utah

¹⁰ Van Dyke—34.¹⁵ Revision of genus, Van Dyke—33.¹⁶ Used also as subgenera, Van Dyke—33.¹⁷ Revision of genus, Buchanan—36.¹⁸ Revision of new tribe in Brachyrhininae, Van Dyke—36.¹⁹ Transferred from *Panscopus* (*Phymatinus*), Buchanan—36.

- Mimetes** Schönh. 47-23¹¹
 * (*Amotus* Csy. 88-237)^{10 11}
 (*Stamoderes* Csy. 88-237)^{10 11}
- setulosus Schönh. 63-40 Cal.
gracilior Csy. 88-245¹¹
longisternus Csy. 88-244¹¹
- uniformis Csy. 88-237 Cal.
 longipennis Pierce 09-348 Cal.
 seniculus Horn 76-45 Cal.
 lanei VanD. 35-86 Wash. Ore.
 lasalanus Tanner 34-287 Utah
- Pantomorus** Schönh. 39-942²⁰
GRAPHOGNATHUS Buch. 39-
 [11]²⁰
- leucoloma Boh. 40-62²¹ S.A. Australia,
 [Fla.-La.]
- peregrinus Buch. 39-14 Miss.
ATRICHONOTUS Buch. 39-15²⁰
- tæniatulus Berg 81-61 Fla.-Tex. S.A.
texanus Pierce 11-49 (*Artipus*)²⁰
ASYNONYCHUS Cr. 67-388²⁰
 (*Aramigus* Horn 76-93)²⁰
 (*Asmopactus* Jekel in Horn
 [76-94])²⁰
- godmani Cr. 67-389 N.A. S.A. C.A.
fulleri Horn 76-94²⁰ [Africa, Orient,
olindæ Perkins 00-130²⁰ [Eur.
ovulum Jekel, Hust. 22-100²⁰
 ?*subvittatus* Fairm. & Germ. 61-7²⁰
- tessellatus Say 24-318 Ill.-Okla. Kan.
sublineatus Dej. 37-289²⁰
 ?*durius* Boh. 40-27²⁰
 ?*candida* Horn 07-248²⁰
- pallidus Horn 76-94 Ill.-Tex.-Colo.
 ?*durius* Boh. 40-27²⁰
 ?*candida* Horn 07-248²⁰
PHACEPHOLIS Horn 76-95²⁰
- elegans Horn 76-95
 v.elegans (s.str.) Neb.-Tex.-Cal.
metallicus Pierce 13-417²⁰
 v.viridis Pierce 09-361²⁰ Tex. Mex.
 v.pallidulus VanEmd. 36-28²⁰ Tex.
pallidus || Pierce 10-363^{20 22}
 v.eximius Buch. 39-32²⁰ Tex.
 texanellus Buch. 39-36 Tex.
texanus || Pierce 13-417²⁰
- candidus Horn 76-97 Kan.-S.D.-Mont.-
nebraskensis Pierce 13-416²⁰ [Colo.]
- planitiatulus Buch. 39-36 Neb.-N.M.-Mont.
 obscurus Horn 76-96 Kan.-Tex.
- Mesagroicus**
 elongellus VanEmd. 36-30 Ore.
elongatus Buch. 29-10²²
 v.nevadicus Buch. 29-11²² Nev.
 v.incertus Buch. 29-11²² Wash.
- Cryptolepidus** VanD. 36-191²³
 (*Lepidopus* VanD. 36-76)
- Trigonoscuta**²⁴
 imbricata VanD. 36-83 Cal.
- Thysanocorynus** VanD. 38-5²⁴
 aridus VanD. 38-6 Cal.
- Stereogaster** VanD. 36-84²⁵
 globosa VanD. 36-85 Cal.
- Otiorrhynchus**
 arcticus Fabr. 80-188²⁶ Greenl. Lapl.
- Sciopithes** Horn 76-62²⁷
 * obscurus Horn 76-63 B.C.-Cal.
significans Csy. 88-255²⁷
brumalis Csy. 88-256²⁷
angustulus Csy. 88-257²⁷
- arcuatus Csy. 88-257 Cal.
 intermedius VanD. 35-90 Cal.
 insularis VanD. 35-90 Cal.
 sordidus VanD. 35-91 Cal.
 setosus Csy. 88-258 Cal.
- Myllocerus** Schönh. 26-178²⁸
 castaneus Røelofs 73-168²⁹ Jap. Sib.
 [?N.A.]
- Trachyphlæus**
 bifoveolatus Beck 17-22³⁰ Eur. N.S.
 [N.B. N.Y.]
davisi of authors (not Blatch.)³⁰
- Paraptochus** Seidl. 68-35¹¹
 * sellatus Boh. 59-126 Cal.
 setiferus VanD. 35-93 Cal.
 uniformis VanD. 35-95 Cal.
- Stenoptochus**
 vanduzeei VanD. 35-95 Cal.
- Omius**
 albus VanD. 35-96 Wash.
- Anchitelus** VanD. 36-19³¹
 albovidis VanD. 36-19 Cal.
- Peritelinus** Csy. 88-263
 * erinaceus VanD. 36-20 Cal.
 variegatus Csy. 88-263 Cal.
 oregonus VanD. 36-21 Ore.

¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.²⁰ Revision of genus, Buchanan—39.²¹ First reported in genus *Naupactus*, Watson—37, etc.²² Von Dalla Torre & Van Emden—36.²³ Subfamily Brachyrhininae, Van Dyke—36.²⁴ Tribe Trigonoscutini, Van Dyke—36.²⁵ Tribe Calyptillini, Van Dyke—36.²⁶ Henriksen—35.²⁷ Revision of genus, Van Dyke—35.²⁸ To follow *Neoptochus*.²⁹ Authority not known.³⁰ Buchanan—37.³¹ To follow *Periteloides* in tribe Simoini, Van Dyke—36.

- Nemocestes** VanD. 36-22³²
 * (*Geoderces* Horn 76-70)³²
 horni VanD. 36-25 Mich. Kan. N.Y.
melanothrix of Horn 76-71³²
 incomptus Horn 76-72 B.C.-Cal. Wyo.
 longulus VanD. 36-26 Cal.
 sordidus VanD. 36-26 Cal.
 montanus VanD. 36-27 Cal.-Wash.
 puncticolis Csy. 88-264 Cal.
 tuberculatus VanD. 36-28 Cal.
 kœbelei VanD. 36-183 Cal.
kœbeli VanD. 36-29
 expansus VanD. 38-4 Cal.
- Aragnomus**
 setosus VanD. 36-30 Cal.
- Eucyllus** Horn 76-74³³
 * (*Encyllus* VanD. 36-31)³³
 vagans Horn 76-74 Ariz. Cal.
 echinus VanD. 36-31 Cal.
 unicolor VanD. 36-32 Cal.
- Sitona**
 cylindricollis Fahr. 40-269^{34 35} Eur.
 [Vt. Ont.
 lineatus Linn. 58-385³⁶ Eur. B.C.
 cockerelli Blais. 33-31 [Alas.
 [SanMiguel Id. L.Cal.]
- Lepidophorus** Kby. 37-201¹⁷
 * (*Lophalophus* Lec. 76-120)¹⁷
 inquinatus Mannh. 52-351 Alaska
 rainieri VanD. 30-149 Wash.
 angulatus Buch. 36-4 Ida. Wash.
 plumosus Buch. 36-6 Colo.
 lineaticollis Kby. 37-201 Y.T. Can. Alas.
 pumilus Buch. 36-7 B.C.
 bakeri Buch. 36-8 Wash.
 s.utensis Buch. 36-10 Utah
 alternatus VanD. 30-150 Wash. Ore.
 setiger Hamlt. 95-347 N.Y.-Va. St.Vinc.
- Lepyrus**³⁷
 labradorensis Blair 33-96 Arctic N.A.
 colon of Haring.³⁸
 nordenskiöldi Faust. 85-34
 s.cæsius Csiki 34-7
cinereus || VanD. 28-55³⁹
- Listroderes**
 obliquus Klug 29-? S.A. Miss. Cal.
obliquus Gyll. 34-277^{39 40} [Afr.
novica French 08-? ^{39 40} [Australia
costirostris of authors³⁹
- Hylobius** Germ. 17-340⁴¹
 * congener DallaT., Sch. & Marsh. 32-
 [15 Mass.-Alas.
confusus || Kby. 37-196⁴¹
 pales Hbst. 97-31 Can.-Fla.-Tex.-Minn.
 radialis Buch. 34-252 N.Y. Minn.
- Cholus** Germ. 24-212⁴²
 * catoleucus Chev. 81-482 N.A.
 cattleyæ Champ. 16-201 S.A. Wis. D.C.
cattleyarum Barber 17-178⁴² [N.J.
 forbesi Pasc. 76-xxx S.A. N.J.
- Smicronyx**
 dietzi Klima 34-95 N.J. D.C. Ind.
nebulosus || Dietz 94-157⁴³
 fallaciosus Klima 34-95 Tex. Kan.
fallax || Dietz 94-157⁴³
 albidosquamosus Klima 34-94 Ariz.
albosquamosus || Dietz 94-168⁴³
- Sthereus** Mots. 45-374¹⁷
 * (*Trachodes* of authors, not Grm.)¹⁷
 ptinoides Germ. 24-327 B.C.-Alas.
 quadrituberculatus Mots. 52-355 Cal.-
 [Alas.
 multituberculatus Buch. 36-179 Ore.-
 [Alas.]
- Lobosoma** Buch. 36-180¹¹
 * (*Aparapion* of authors)¹⁷
 horridum Mannh. 52-354 Ore.-Alas.
- Gastrotaphrus** Buch. 36-180⁴⁴
 * barberi Buch. 36-181 Cal.-B.C.
- Thysanocnemis**
 caseyi Klima 34-3 Nebr.
brevis || Csy. 10-129⁴⁵
- Magdalis**
 piceæ Buch. 34-85 Mass. N.H.
- Anthonorus**
 blatchleyi Schenk. & Marsh. 34-40 Fla.
australis || Blatch. 25-98⁴⁵
 17207, for 43-232 read 33-232⁴⁶
 univestus Schenk. & Marsh. 34-51 Fla.
uniformis || Blatch. 16-300⁴⁵
- Epimechus**
 arenicolor Fall 01-265 Ariz.
baccharidis Pierce 08-178 (Anthono-
 [mus])⁴⁷
- Rhynchænus** Clair.-Sch. 98-70
 (*Orchestes* Ill. 98-498)⁴⁸
- ¹⁷ Revision of genus, Buchanan—36.
³⁸ Buchanan—37.
³⁹ Revision of genus, Van Dyke—36.
⁴⁰ Revision of genus, Van Dyke—36.
⁴¹ Buchanan in litt.
⁴² Cæsar—36.
⁴³ Downes—38.
⁴⁴ Belongs in Cleoninae according to Marshall—32
 (p. 344).
⁴⁵ Brown—37.
⁴⁶ Csiki—34.
⁴⁷ Placed as synonyms of *costirostris* by Essig—33.
⁴⁸ Buchanan—39.

Gymnætron Schönh. 26-319⁴⁹
 * antirrhini Payk. 00-257 Mass.-N.J.
 netum Germ. 21-307 Conn.-Va.-Ia.
 teter Fabr. 01-448 Can.-Ga.-Tex.-Wash.

Cleonus Schönh. 26-145
 DINOCLEUS Csy. 91-176
 capillosus Csiki 34-66 Cal.
 pilosus || Lec. 76-145⁵⁰
 structor Csiki 34-67 Cal. Ariz.
 molitor || Lec. 58-78⁵⁰
 CLEONIDIUS Csy. 91-176
 (Apleurus Chev. 73-78, part⁵⁰)
 americanus Csiki 34-64 Cal.
 basalis || Fall 97-242⁵⁰
 placidus Csiki 34-65 Cal.
 pacificus Fall 01-260⁵⁰
 coloradensis Csiki 34-64 Colo.
 canescens || Lec. 76-151⁵⁰
 leontellus Csiki 34-64
 carinicolis || Lec. 76-152⁵⁰
 stratus Csiki 34-65 Colo.
 sparsus || Lec. 76-152⁵⁰

Lixus
 blatchleyi Csiki 34-120 Mich.
 cavicolis || Blatch. 22-113⁵⁰

Baris
 caseyi Hust. 38-51 Colo. Tex. La.
 vagans || Csy. 20-318⁵¹
 blatchleyi Hust. 38-51 Fla.
 australis || Blatch. 20-168⁵¹
 lengi Hust. 38-54 Ont.
 carbonaria || Bl. & Leng 16-356⁵¹

Cosmobaris Csy. 20-344⁵²
 * scolopacea Germ. 24-202^{52 53} R.I.-Ia.
 americana Csy. 20-344^{53 54} [Eur.
 squamiger Hayes 36-27^{53 54}
 sionilli Hayes 36-28^{53 54}

Orchidophilus Buch. 35-45⁵⁵
 * (Acythopeus of authors)⁵⁵
 peregrinator Buch. 35-46 Hawaii, P.I.
 [D.C.
 gilvonotatus Barber 17-17 Orient, D.C.
 [Cal.
 orchivora Blackb. 00-61 N.J.

Acanthoscelis
 utahensis Tanner 34-48 Utah

Ceutorhynchus
 assimilis Payk. 00-257⁵⁶ Eur. Wash.
 punctiger Gyll. 37-538 Eur. Que.-N.J.-
 marginatus of authors⁵⁰ [Ind.
 americanus Buch. 37-205 Que.-Md.-
 cyanipennis of authors⁵⁰ [Tex.-B.C.

Perigaster
 lituratus Dietz 96-457 Ont.- N.J.-Ia.
 longirostris Buch. 31-323²⁰ [Wash.

Phytobius Schönh. 36-458⁴⁹
 * (Pelonomus Thoms. 59-138)⁴⁹
 17827 to 17834, belong here
 (Eubrychius Thoms., not No. Amer.)²⁰

Litodactylus Redt. 49-399
 * griseomicans Schw. 91-165⁴⁹ Wis.-Kan.-
 [Wash.

Eubrychiopsis Dietz 96-474⁴⁹
 * lecontei Dietz 96-475 Mich. Wis. Ia.
 albertanus Brown 32-11 B.C.-Alb.

Collabismodes Champ. 05-541⁵⁵
 * cubæ Boh. 44-342⁵⁵ Cuba, Fla.
 ater Blatch. 23-238⁵⁷ Fla.

Conotrachelus Schönh. 37-392
 (Loceptus Csy. 10-130)⁵⁰
 recessus Csy. 10-130 Kan. Okla. Ark.
 atokanus Fall 13-65⁵⁰ [Tex.

Eusepeus
 postfasciatus Fairm. 49-513 (Crypto-
 [rhynchus)⁴⁸ Cal. Tropics
 batatæ Waterh. 49-LXIX⁴⁸

Sternochetus Pierce 17-143
 (Cryptorhynchidius Pierce 19-25)⁴⁸
 mangiferæ Fabr. 75-139 (Cryptorhyn-
 [chus)⁴⁸ E. Ind. Fla.
 lapathi Linn. 46-591 (Cryptorhynchus)⁴⁸
 [Eur. N.A.

Cossonus⁵⁸
 americanus Buch. 36-112 Que.-Cal.-
 [Wash.
 subareatus of authors (part)⁵⁷
 pacificus VanD. 16-74 Ariz.-Cal.-
 [B.C. Que.
 rufipennis Buch. 36-114 Kans. Dak. Mo.
 subareatus of authors (part)⁵⁷

Sitophilus Schönh. 38-979
 (Calandra of authors)⁵⁹
 (Calendra of authors)⁵⁹
 dietrichi Satt. 33-210 Miss. Ala.
 lucedalensis Satt. 33-212 Miss.

PLATYPODIDÆ

Platypus
 blanchardi Chap. 66-185⁶⁰ Fla.
 18168, for 15-48 read 16-97⁶⁶

⁴⁹ Revision of genus, Buchanan—37.

⁵⁰ Csiki—34.

⁵¹ Hustache—38.

⁵² Revision of genus, Hayes—36.

⁵³ Fall—37.

⁵⁴ Listed as valid species by Hayes—36.

⁵⁵ Revision of genus, Buchanan—35

⁵⁶ Baker—36.

⁵⁷ Buchanan—37.

⁵⁸ Chamberlin in litt.

⁵⁹ Buchanan—39.

⁶⁰ Junk Cat. p. 151, p. 210.

⁶¹ Revision of pacificus-group, Buchanan—36.

⁶² Satterthwait in litt.

⁶³ Valid species, Schedl—33.



SCOLYTIDÆ

- Scolytus** Geoffr. 62-310⁶¹
 * (*Eccoctogaster* Hbst. 93-124)⁶¹
rugulosus Ratz. 37-187 Eur. N.A.
muticus Say 24-323 E.U.S.
fagi Walsh 67-38 Ill. Tex.
sulcatus Lec. 68-167 Conn.-N.J.
reflexus Blackm. 34-13 Ariz.
wickhami Blackm. 34-13 Colo. N.M.
 [Ar. Ut.
tsugæ Sw. 17-32 Cal.-B.C.-Alb.
monticolæ Sw. 17-32 Or.-B.C.-Wyo.
quadriscopinus Say 24-323 N.A.
caryæ Riley 67-? ⁶¹
subscaber Lec. 76-371 Cal.-B.C.
oregoni Blackm. 34-18 Ore.
robustus Blackm. 34-19 Colo. N.M.
 [Ar. Ut.
præceps Lec. 76-371 Cal.-Tex.
opacus Blackm. 34-20 Colo. Ut. Mont.
abietis Blackm. 34-21 Ida.
ventralis Lec. 68-167 B.C.-Cal.-
 [N.M.-Mont.
scolytus Fabr. 75-59 Eur. ?U.S.
californicus Lec. 68-165⁶¹
sobrinus Blackm. 34-23 Wash. Or. Wyo.
laricis Blackm. 34-24 Ida. Mont.
fiskei Blackm. 34-25 N.M. Colo.
unispinosus Lec. 76-371 Cal.-B.C.
piceæ Sw. 10-34 Que.-N.Y.-Mont.
multistriatus Marsh. 02-54 Eur. Mass.-
 [Pa.
- Hylesininæ**⁶²
- Crypturgus**⁶²
- Dolurgus**⁶²
- Polygraphus**⁶²
- Carphoborus**⁶²
cressatyi Bruck 36-36 Cal.
vandykei Bruck 33-104 Cal.
swainei Bruck 33-105 Cal.
- Renocis**^{62 63}
penicillatus Brown 33-239 Cal.
- Pseudocryphalus**
maclayi Bruck 36-35 Cal.
- Chramesus** Lec. 68-168^{62 63}
 * (*Rhopalopleurus* Chap. 69-46)⁶³
hicoloræ Lec. 68-168 Can.-Ga.-Miss.
icoriæ Lec. 76-375⁶³
lecontei Chap. 69-46⁶³
asperatus Schffr. 08-220 Ariz.
subopacus Schffr. 08-221 Tex. Ariz.
canus Blackm. 38-541 La.
gibber Blackm. 38-541 N.Mex.
chapuisii Lec. 76-375 Pa.-Fla.-Tx.-Kan.
dentatus Schffr. 08-221 Ariz.
mimosæ Blackm. 38-544 Tex. Mex.
- Phthorophlæus**⁶²
- Tomicus**⁶²
- Dendroctonus**⁶²
- Phlæosinus**⁶¹
piceæ Sw. 34-205 Que.
granulatus Bruck 36-33 Cal.
setosus Bruck 33-54 Cal.
frontalis Bruck 33-55 Cal.
swainei Bruck 33-56
minutus || Sw. 17-9⁶⁴
- Chætophlæus**⁶²
- Xylechinus**⁶²
- Leperisinus**⁶²
- Dendrosinus**⁶²
- Scierus**⁶²
- Hylastinus**⁶²
- Alniphagus**⁶²
- Hylurgopinus**⁶²
- Pseudohylesinus**⁶²
serratus Bruck 36-37 Cal.
- Hylurgops**⁶²
- Hylastes**⁶¹
porculus Er. 36-49 E.N.A.
granosus Chap. 69-73⁶⁵
scaber Sw. 17-18⁶⁵
swainei Egg. 34-25 E.Can. Minn.
porculus of Sw. 18-78⁶⁵
- * * *

⁶¹ Revision of genus, Blackman—34.⁶² Rearrangement of genera in subfamily Hylesininæ, Bruck—36.⁶³ Revision of genus, Blackman—38.⁶⁴ Bruck—33.⁶⁵ Eggers—34.

- Pseudothysanoes** Blackm. 20-46 ⁴⁶
- * *hopkinsi* Blackm. 28-200 Cal. 18374, for Cal. read Ore.⁶⁸
partoni Bruck 36-32 Cal. 18375, for Cal. read Ore.⁶⁸
drakei Blackm. 20-48 N.Y.
rigidus Lec. 76-362 Can. Mich.
sulcatus Bruck 36-33 Cal.
phorodendri Blackm. 28-202 Tex. Ariz. 22039, for Colo. read B.C. Wash.⁶⁹
lecontei Blackm. 20-49 D.C. 22040, for B.C. Wash. Ore. Cal. read
sedulus Blackm. 28-204 Ariz. [S.D. Colo.
gambetti Blackm. 28-205 Ariz. N.M.
barberi Blackm. 28-206 Ariz.
- Cactopinus** Sz. 99-11 ⁶³
- * *hubbardi* Sz. 99-11 Ariz.
pini Blackm. 38-153 Cal.
rhois Blackm. 38-154 Cal.
kœbeleii Blackm. 38-156 Cal.
- Pterocyclon** Eich. 68-276 ⁶¹
- obliquecaudatum* Schedl 35-351 Cal.
- Hypothenemus**
- citri* Ebeling 35-21 Cal.
- Cryphalus**
- Gnathotrichus**
- Ancyloderes** Blackm. 38-205 ⁷⁰
- * *pilosus* Lec. 68-154 Cal.
pilosulus Lec. 68-166 ⁷¹
saltoni Blackm. 38-206 Ariz.
- Ips**
- montanus* Eichh. 81-219 ⁷² Cal. or Tex.
- Xyleborinus**
- tsugæ* Sw. 34-204 B.C.
librocedri Sw. 34-205 Ore.
- ⁶⁸ Chamberlin in litt.
⁶⁹ H. B. Leech in litt.
⁷⁰ To follow *Pseudopityophthorus*.
⁷¹ Blackman—38.
⁷² Eggers—34.

⁶⁶ Revision of genus, Bruck—36.⁶⁷ Used as valid genus by Schedl—35.

ADDITIONAL NECROLOGY

- Bethune, C. J. S., d. April 18, 1932.
 Beutenmuller, W., d. February 24, 1934.
 Bolster, P. G., d. May 22, 1932.
 Carr, F. S. b. January 1, 1881; d. May 16, 1934.
 Fenyes, A., b. November 17, 1863; d. February 22, 1937.
 Field, G. H., d. June 12, 1937.
 Handlirsch A., d. August 28, 1935.
 Horn, W., d. July 10, 1939.
 Johnson, C. W., d. July 19, 1932.
 Kellogg, V. L., b. December 1, 1867; d. August 8, 1937.
 Klages H. G., d. October 26, 1936.
 Nevermann, F., d. July 3, 1938.
 Psota, F. J., d. April 13, 1936.
 Stickney, F. S., b. August 6, 1892; d. August 15 1936.
 Tillyard R. J., d. January 13, 1937.
 Urich, F. W., d. June 22, 1937.
 Wheeler, W. M., d. April 19, 1937.
 Wickham, H. F., b. October 26, 1866; d. November 17, 1933.

As this supplement goes to press we have word of the passing, on November 14th, 1939, of our most eminent worker on North American Coleoptera,

HENRY CLINTON FALL.

The publisher, his close friend for fifty years, and his many entomological and other friends feel their loss very deeply, and workers on Coleoptera all over the land will sadly miss his assistance and encouragement.

In spite of severe physical handicaps, patiently endured throughout his lifetime, Dr. Fall accomplished a vast amount of most valuable work on the taxonomy of North American beetles, describing some 1,400 new species—few of which were ever challenged as being synonyms—and his excellent monographic works on various families and genera of these insects are well known and in constant use.

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THIRD SUPPLEMENT TO
CATALOGUE OF NORTH AMERICAN COLEOPTERA
DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1933 to 1938 inclusive are listed below. Names in brackets were invalid as published. One new abbreviation is used.

Ariz. Trias. Chinle Formation, Petrified Forest National Monument,
Holbrook, Arizona.

CARABIDÆ

Scaphinotus Dej.

minor Horn 76-243, belongs in subg. *Irichroa*¹.

¹ Lapouge—32.

wheatleyi Horn 76-242, belongs in subg. *Scaphinotus*¹.

Carabus Linn.

mæander Fisch., belongs in sub. *Eucarabus*².

v.sangamon Wickh., belongs in subg. *Eucarabus*².

² Breuning, 32-37.

Patrobus Dej.³

³ Revision of genus, Darlington--38.

gelatus Scudd. 90-530³

Tor.⁴ Scar. Pleist.

decessus Scudd. 00-73³

Scar. Tor.⁴ Pleist.

frigidus Scudd. 00-74³

Tor.⁴ Pleist.

?stygicus Chd. 71-46³

Recent.

henshawi Wickh. 17-140

Ill. Pleist.

⁴ Coleman—33, as valid species.

Elaphrus Fab.

irregularis Scudd.

Tor.⁴ Scar. Pleist.

Loricera Latr.

glacialis Scudd.

Tor.⁴ Scar. Pleist.

lutosa Scudd.

Tor.⁴ Scar. Pleist.

exita Scudd.

Tor.⁴ Scar. Pleist.

Bembidium Latr.

glaciatum Scudd.

Tor.⁴ Scar. Pleist.

vestigium Scudd.

Tor.⁴ Scar. Pleist.

vanum Scudd.

Tor.⁴ Scar. Pleist.

præteritum Scudd.

Tor.⁴ Scar. Pleist.

damnosum Scudd.

Tor.⁴ Scar. Pleist.

Pterostichus Bon.

abrogatus Scudd.

Tor.⁴ Scar. Pleist.

destitutus Scudd.

Tor.⁴ Scar. Pleist.

fractus Scudd.

Tor.⁴ Scar. Pleist.

destructus Scudd.

Tor.⁴ Scar. Pleist.

gelidus Scudd.

Tor.⁴ Scar. Pleist.

depletus Scudd.

Tor.⁴ Scar. Pleist.

Platynus Bon.

casus Scudd.

Tor.⁴ Scar. Pleist.

hindei Scudd.

Tor.⁴ Scar. Pleist.

halli Scudd.

Tor.⁴ Scar. Pleist.

dissipatus Scudd.

Tor.⁴ Scar. Pleist.

desuetus Scudd.

Tor.⁴ Scar. Pleist.

harttii Scudd.

Tor.⁴ Scar. Pleist.

delapidatus Scudd.

Tor.⁴ Scar. Pleist.

exterminatus Scudd.

Tor.⁴ Scar. Pleist.

interglacialis Scudd.

Tor.⁴ Scar. Pleist.

longævus Scudd.

Tor.⁴ Scar. Pleist.

Harpalus Latr.

conditus Scudd.

Tor.⁴ Scar. Pleist.

DYTISCIDÆ

Cœlambus Thoms. derelictus Scudd. disjectus Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Hydroporus Clairv. inanimatus Scudd. sectus Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Agabus Leach perditus Scudd.	Tor. ⁴ Scar. Pleist.

GYRINIDÆ

Protogyrininus Hatch confinis Lec.	Tor. Pleist. ⁴
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HYDROPHILIDÆ

Cymbiodyta Bedel extincta Scudd.	Tor. ⁴ Scar. Pleist.
--	---------------------------------

STAPHYLINIDÆ

Olophrum Er. celatum Scudd. arcanum Scudd. dejectum Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Arpedium Er. stillicidii Scudd.	Tor. ⁴ Scar. Pleist.
Acidota Mannh. crenata Fabr. v. nigra Scudd.	Tor. ⁴ Scar. Pleist.
Geodromicus Redt. stiricidii Scudd.	Tor. ⁴ Scar. Pleist.
Bledius Mannh. glaciatus Scudd.	Tor. ⁴ Scar. Pleist.
Oxyporus Fabr. stiriacus Scudd.	Tor. ⁴ Scar. Pleist.
Lathrobium Grav. frustrum Scudd. inhibitum Scudd. debilitatum Scudd. interglaciale Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Cryptobium Mannh. cinctum Scudd. detectum Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Philonthus Curt. claudus Scudd.	Tor. ⁴ Scar. Pleist.
Quedius Steph. deperditus Scudd.	Tor. ⁴ Scar. Pleist.

BUPRESTIDÆ

[*Paleobuprestis* Walker 38-138⁵][*maxima* Walker 37-138⁵

Ariz. Trias.]

[*minima* Walker 38-139⁵

Ariz. Trias.]

⁵ Walker—38; these names are invalid because they are not based upon specimens of insects but rather upon reputed evidence that the insects once existed.

CHRYSOMELIDÆ

Donacia Fab.*stiria* Scudd.*pompatica* Scudd.Tor.⁴ Scar. Pleist.Tor.⁴ Scar. Pleist.

SCOLYTIDÆ

[*Paleoscolytus* Walker 38-139⁵][*divergus* Walker 38-139⁵

Ariz. Trias.]

[*Paleoipidus* Walker 38-140⁵][*perforatus* Walker 38-140⁵

Ariz. Trias.]

[*marginatus* Walker 38-140⁵

Ariz. Trias.]

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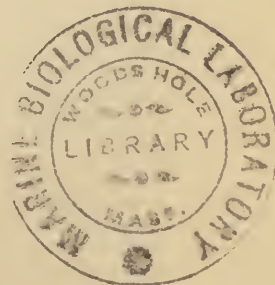
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Walker

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INDEX

In order to bring together all the references to each name in the catalog and the supplements, this index is a combination of all the previous indexes and the one for the new supplement. It can be used in place of the other indexes because it is more complete than each. The pages in the supplements are distinguished by superscript numerals thus: 24 — original catalogue, 24¹ — first supplement, 24² — second supplement, 96³ — third supplement and 24⁴ — fourth supplement. (The second and third supplements were paged consecutively.)

- Ababa, 152, 28,¹ 34⁴
 Ababactus, 101, 26¹
 Abacidus, 57
 Abax, 57
 Abdera, 239
 Abletobium, 101, 25¹
Abraeinae, 29¹
 Abraeus, 138, 30¹
 Abryxis, 130
 Abstrulia, 238
 Acalles, 332, 363, 51¹
 Acalloides, 330
 Acalophaena, 103, 26⁴
 Acalyptus, 324, 362
 Acamatoxenus, 20²
 Acamegonia, 77³
Acamptini, 333
 Acamptus, 333
 Acanthinus, 164
Acanthoceridae, 38²
Acanthocerinae, 253
 Acanthocerus, 253
Acanthocini, 43¹
Acanthocinini, 282
 Acanthocinus, 283, 43¹
 Acanthoderes, 282, 359
Acanthoderini, 282, 60⁴
 Acanthogethes, 195
 Acanthopsilus, 18¹
Acanthoscelidae, 64¹
 Acanthoscelides, 304
 Acanthoscelidius, 51²
 Acanthoscelis, 330, 51,² 69⁴
 Acanthurus, 264
 Acentrinops, 49¹
 Acholerops, 91
 Achrastenus, 315
Achreioptera, 86
 Achromota, 122
 Achryson, 268
Achrysonini, 268
 Acidota, 94, 352, 100⁴
 Acilius, 81, 351, 18¹
Acinopi, 80³
 Acletus, 146
 Aclinidia, 54¹
 Acmaegenius, 316, 49,² 85⁴
 Acmaeodera, 178, 30,¹ 28,² 85,³ 42⁴
- Acmaeops, 271, 272, 41,¹ 41,² 59¹
 Acmaeopsilla, 272
 Acneus, 187
 Acolobicus, 205
 Acolonia, 128
 Acolpus, 190
 Accma, 252, 39²
 Aconobius, 231
 Acoptus, 329
Acratrichini, 133
 Acratrichis, 133, 25¹
 Acratus, 254, 51¹
 Acrepis, 245
 Acrimea, 126
 Acritinus, 138
 Acritus, 138, 30⁴
 Acrodon, ix, 13²
 Acropteroxys, 200, 32,¹ 33²
 Acroschismus, 343
 Acrostillicus, 104, 24¹
 Acrotona, 122, 23,¹ 20²
 Acrulia, 94
 Actenobius, 241
 Actenodes, 183, 29²
 Actiastes, 128
 Actinopteryx, 133
 Actidium, 132
 Actium, 128, 29¹
 Actobius, 106, 21¹
Acupalpi, 73, 80²
 Acupalpus, 74, 16,¹ 80³
 Acylomus, 210
 Acylophorus, 109, 352
 Acyphoderes, 275
 Acypotheus, 329
 Acythopeus, 329, 69⁴
 Adaleres, 311, 66⁴
 Adalia, 216, 357, 35,² 88³
 Adasytes, 148, 32¹
Adellinae, 236, 49¹
 Adelina, 234
 Adelocera, 166, 83,³ 103,³ 39⁴
 Adelops, 87, 20¹
 Adelothyreus, 176, 27²
Adephaga, 39
 Aderocharis, 103, 23¹
 Aderus, ix
Adetini, 43,¹ 60⁴

- Adetus, ix, 165, 60⁴
Adimeridae, 206
 Adimerus, 206
 Adimonia, 298
 Adipocephalus, 363
 Adistemia, 207
 Aditoma, 205
 Adocetus, 354
 Adolus, 19¹
 Adonia, 215, 87,³ 47¹
 Adota, 119
Adoxini, 293
 Adoxus, 293
 Adranes, 132, 24¹
Adrastina, 172
 Aechmites, 78³
 Aedilis, 283
Aegialatidae, 25²
 Aegialatis, 25²
 Aegialia, 249, 358, 38,² 90,³ 50⁴
Aegialiinae, 249
 Aegialites, 160, 25²
Aegialitidae, 160
 Aegilopsis, 283
 Aegomorphus, 282, 43¹
 Aegoschema, 43¹
 Aeletes, 138
Aenigmaticini, 92
 Aenigmaticum, 92
 Aeolus, 167, 39¹
 Aepus, 74
Aesalinae, 264
 Aethecerinus, 279
 Aethecerus, 279
 Aethiopoctines, 282
 Agabetes, 80
Agabetini, 80, 15²
Agabini, 79
 Agabinus, 79, 17¹
 Agabus, 79, 351, 17,¹ 15,² 81,³ 17,⁴ 100⁴
 Agaeccera, 179, 30,¹ 42¹
Agalissini, 278
 Agalissus, 278
 Agalliaphagus, 344
 Agaosoma, 72, 16¹
 Agaporus, 17,¹ 17¹
 Agaricochara, 22¹
 Agasphaerops, 313, 66¹
 Agathengis, 203
Agathidiidae, 20⁴
Agathidiini, 19,² 20⁴
 Agathidium, 88, 19,² 21⁴
 Agelasa, 298, 45¹
Agelasini, 298
 Agelastica, 298
Agelasticini, 298
 Ageonoma, 223
Agleni, 206
 Aglenus, 206
 Aglycoptera, 54¹
 Aglyptinus, 89, 22¹
 Aglyptonotus, 89, 22⁴
 Aglyptus, 89, 22¹
Agoni, 78,³ 79²
Agonoderi, 80³
 Agonoderus, 74, 80,³ 16⁴
 Agoncdromius, 78³
 Agonoleptus, 74, 80³
 Agonolia, 34⁴
 Agonum, 63, 12,¹ 78,³ 79³
 Agra, 65
 Agrabia, 217
 Agraphus, 314
 Agrilaxia, 182, 30,¹ 29,² 85³
Agrilini, 183
 Agrilus, 183, 355, 30,¹ 29,² 85,³ 44⁴
 Agrini, 65
 Agriotella, 41¹
 Agriotes, 172, 354, 85,³ 41⁴
Agriotina, 172
Agriotini, 172
 Agronus, 314, 49²
Agrypnina, 166
 Agrypnus, 166
 Agryrtes, 87, 351, 19¹
Agyrtni, 17,² 19¹
 Ahasverus, 32¹
 Aidochara, 124
 Airora, 193
 Akephorus, 47
 Alaephus, 236, 36¹
 Alamaona, 259
 Alaudes, 232, 35¹, 36²
 Alaus, 167, 27²
Alceidini, 312
 Alecchara, 124, 23¹
Aleocharae, 124
Aleocharinae, 112, 21¹
Aleocharini, 124, 29¹
 Aleocharopsis, 352
 Aleodorus, 124
 Alethia, 218
 Alexia, 209
 Alindria, 193
 Alisalia, 113, 21¹
 Alitargus, 204
 Allaeocnemis, 245
 Allandrus, 307, 46,¹ 48²
 Allecula, 218
Alleculidae, 218, 357, 34¹, 35², 88³, 48⁴
Alleculinae, 218
 Alletinus, 85⁴
Allocorhyninae, 310
 Allocorhynus, 310
 Alloescelis, 60¹
 Allomimus, 334
 Allonyx, 148, 27¹, 23², 82³, 32⁴
 Allopoda, 239, 36²
 Allopogon, 187
 Allopogonia, 187
 Allorhina, 262
 Alloxacis, 154
 Alniphagus, 338, 70⁴
 Alobates, 235, 36¹
 Alobus, 254
 Aloconota, 120, 23¹
Alophini, 316, 85⁴
 Alosterna, 40,² 41²
 Alphitobius, 234
 Alphitophagus, 233
 Alphomorphus, 60⁴
 Alphas, 60⁴
 Altica, 300, 63¹
 Alyca, 324
 Alycodes, 318
 Alymeris, 148
Amalus, 51¹
 Amannus, 280, 42¹

- Amara, 61, 350, 10,¹ 56,¹ 13,² 14⁴
 Amarantha, 233
Amarini, 59, 13⁴
 Amarochara, 127
 Amartus, 195, 356
Amarygminae, 237
 Amaurorhinus, 335
 Amblopusa, 114, 21,¹ 20²
Amblycerinae, 93²
 Amblycheila, 39, 7,¹ 9,² 77¹
 Amblychila, 39
 Amblyctis, 239
 Amblyderus, 163
 Amblyopusa, 114
 Ambrosiodmus, 341, 52²
 Amechamus, 252
 Amecocerus, 32¹
 Amenusa, 113
 Mercedes, 329
 Americomaseus, 13²
 Amerinus, 74, 80³
 Amerizus, 53
 Amidobia, 121
 Amischa, 120
 Ammodonus, 232
 Amnesia, 311, 66⁴
 Amniscus, 282
 Amotus, 311, 67⁴
 Ampedus, 29,¹ 41⁴
 Ampelogypter, 327
 Amphasia, 72, 15¹
 Ampheremus, 179
 Amphibitherion, 23¹
 Amphicerus, 244, 358
 Amphichroum, 95
 Amphicoma, 253, 358, 90,³ 51⁴
 Amphicrossus, 196
 Amphicyrta, 192, 356
Amphicyrtinae, 192
Amphicyrtini, 192
 Amphidora, 236, 36¹, 49¹
Amphidorini, 48¹, 49¹
Amphidorinae, 236
 Amphionycha, 286, 44¹
 Amphivectura, 32¹
 Amphizoa, 75, 14²
Amphizoidae, 75, 14²
 Amphotis, 196, 46⁴
 Amydrogmus, 311
 Anacaena, 84, 19¹, 16²
 Anacentrinus, 93³
 Anacentrus, 49¹ 50², 93³
 Anachilus, 165
Anacolini, 266
 Anacomis, 275, 42², 91³, 59⁴
 Anacyptus, 110, 28⁴
 Anadaptus, 73, 15⁴
 Anaduosternum, 23¹
 Anaedus, 236
 Anaferonia, 56, 12²
 Anaglyptus, 278
 Anagrylius, 261
 Analcis, 332
 Anamesus, 166
 Anamētis, 311, 46¹, 85⁴
 Anamorphus, 209
 Anapleus, 138, 30⁴
 Anaquedius, 109
Anaspidini, 156, 24²
 Anaspis, 156
 Anastictodera, 110
 Anastrangalia, 41¹
 Anastrategus, 261, 55¹
 Anataxis, 179
 Anatheta, 121
 Anatis, 217, 357, 88³, 47⁴
 Anatrechus, 55
 Anatrichis, 69
 Anatinodia, 263, 55¹
 Anatropis, 263
 Anaulacaspis, 124, 23¹
 Ancaeus, 93
 Anchastus, ix, 174, 354, 85³, 42⁴
 Anchicera, 204, 32¹
 Anchitelus, 67⁴
 Anchodemus, 320
 Anchomenus, 11,¹ 13,² 79³
 Anchomma, 205, 47⁴
Anchonini, 334, 93³
Anchonoderi, 64
Anchonoderini, 64, 14²
 Anchonoderus, 64, 13,² 79³
 Anchonomenus, 63
 Anchonus, 334
 Anchorius, 202, 33²
 Anchus, 64, 13¹
 Anchycteis, 187
 Anchylarthron, 130
Anchytarsini, 187, 30²
 Anchytarsus, 187
 Ancillota, 123, 23¹
 Ancistronycha, 143
 Ancognatha, 260
 Anculopus, 49²
 Ancylocera, 278, 42¹
Ancylocerini, 278
 Ancylocheira, 180
 Ancyloderes, 71⁴
 Ancyloxycha, 255, 52⁴
Ancyronychini, 186, 30,² 45¹
 Ancyronyx, 186, 45⁴
 Ancyrophorus, 95
 Andrector, 298
 Andrewesella, 79³
 Andrimus, 219, 34¹
 Androchirus, 219
Androlyperini, 298
 Androlyperus, 298
 Aneflomorpha, 269, 40,¹ 57⁴
 Aneflus, 269, 40,¹ 57¹
 Anelaphus, 56⁴
 Anelastes, 177
 Anelpistus, 240
 Anemia, 232
Anepsiini, 223
 Anepsiota, 118
 Anepsius, 223, 34¹
 Anepsyra, 269, 40,¹ 57⁴
 Aneurota, 124
 Aniara, 234
 Aniarus, 234
 Anillaspis, 53, 12⁴
Anillina, 12¹
Anillini, 12¹
 Anillinus, 53, 12⁴
 Anilloferonia, 13,² 14¹
 Anillus, 53
 Anisandrus, 342, 52¹

- Anisocalvia, 217, 33¹
Anisodactyli, 72
 Anisodactylus, 72, 15,¹ 80³
 Anisomera, 79
 Anisorus, 271
 Anisistena, 303, 46,² 64⁴
 Anisosticta, 215, 87³
Anisotarsi, 80²
 Anisotarsus, 73, 15,¹ 80³
 Anisotoma, 88, 351, 19,¹ 19,² 20,⁴ 21⁴
Anisotomidae, 20⁴
Anisotominae, 88, 19²
 Anisoxya, 239
 Anitra, 131
Anobiidae, 241, 358, 37,¹ 37,² 90,³ 49⁴
Anobiinae, 241
Anobiini, 241, 49,⁴ 50⁴
 Anobiopsis, 242
 Anobium, 242, 358, 37¹
 Anocomis, 42¹
 Anogdus, 88, 19,² 21⁴
 Anomadus, 313
 Anomala, 258, 358, 39,¹ 53⁴
 Anomalaegialia, 90³
 Anomalepta, 258
Anomalini, 258
 Anomalopides, 39²
 Anomalopus, 259, 39²
 Anomoea, 288, 61⁴
 Anomoearthrum, 237
 Anomoglossus, 69, 14¹
 Anomognathus, 21¹
 Anomophagus, 197
 Anophthalmus, 55, 9,¹ 12²
 Anopleta, 119, 23¹
 Anopliomorpha, 57⁴
 Anoplis, 180
 Anoplitis, 303, 64⁴
 Anoplium, 269, 40,¹ 40,² 56,⁴ 57⁴
 Anoplocephalus, 260, 54⁴
 Anoplocurius, 41¹
 Anoplodera, 41,¹ 91,³ 59⁴
 Anoplognatho, 261
 Anoplognathus, 55⁴
 Anoplotrupes, 252
 Anops, 129
 Anorus, 187, 46⁴
 Anotylus, 96
 Anovia, 214
 Antennalia, 266, 40¹
 Anthaxia, 182, 355, 30,¹ 29,² 43⁴
 Anthericomma, 344
 Antherophagus, 202, 356, 32¹
Anthicidae, 162, 24,² 26,² 83,³ 38⁴
 Anthicus, 163, 164
 Anthobates, 156, 24,² 34⁴
 Anthobatula, 24,² 34⁴
 Anthobium, 93, 20,¹ 19²
 Anthoboscus, 277, 42¹
 Anthocomus, 146
 Anthonaenus, 194
Anthonomini, 322
 Anthonomochaeta, 323
 Anthonomocyllus, 322
 Anthonomopsis, 324
 Anthonomorphus, 322
 Anthonomus, 322, 362, 47,¹ 50,² 68⁴
 Anthophagus, 95
 Anthophilax, 272, 41,¹ 58⁴
 Anthophylax, 58¹
 Anthracus, 74
 Anthracopteryx, 171
Anthrenini, 190
 Anthrenus, 190
Anthribidae, 306, 47,² 93,³ 64⁴
Anthribini, 307
 Anthribulus, 307
 Anthribus, 307, 360, 48²
 Antipus, 288, 44,¹ 61⁴
 Aomopactus, 67¹
 Apagiognathus, 265
 Apalonia, 116, 22¹
 Aparapion, 320, 68⁴
 Apate, 244, 339
 Apatides, 244, 245
 Apatura, 181
 Apenes, 67, 14¹
 Aphanobius, 172, 29¹
 Aphanotus, 234
 Aphelogenia, 66, 14,¹ 79³
 Apheloglossa, 113, 21¹
 Apheloplastus, 21⁴
Aphodiinae, 249, 38¹
Aphodiini, 249
 Aphodius, 249, 358, 38,¹ 38,² 90,³ 50⁴
 Aphonides, 261, 55⁴
 Aphonus, 261, 39,¹ 54⁴
 Aphorista, 209, 33¹
 Aphrastus, 315
 Aphricus, 166, 26²
 Aphthona, 302, 46²
Aphthonini, 302
 Apion, 309, 361, 46,¹ 48²
Apionidae, 308, 48²
Apioninae, 309
 Aplagiognathus, 265, 56⁴
 Aplastus, 166, 26,² 83³
 Apleurus, 325, 69⁴
 Aplocentrus, 72, 15¹
 Aploderus, 96, 20¹
 Apocellus, 96
 Apocrypha, 236
Apocryphinae, 236
Apodasyini, 42,¹ 43¹
Apophyllini, 45,¹
 Aporataxia, 234
 Apothinus, 128
 Apotrepus, 334
 Apractelytra, 343
 Apristus, 66, 14¹
 Apsectus, 191
 Apsena, 226, 89³
 Apsida, 233
 Apterium, 101, 25¹
 Apteroloma, 18,² 19⁴
 Apteromechus, 333, 51²
 Apteromina, 116
 Apterospasta, 158, 35⁴
 Apterospastides, 159
 Aptopus, 175, 27,² 85³
 Aracanthus, 312
 Araocerus, 100
 Araecerus, 307
Araocerini, 307
 Araocerus, 100, 82³
 Araoderes, 307
 Araepidius, 187
 Araeopus, 187

- Araeoschizini**, 223
 Araeoschizus, 223
 Aragnomus, 315, 68⁴
 Arame, 13¹
 Aramigus, 313, 67¹
 Arawana, 217, 87,³ 88³
 Archandra, 265
Archetypi, 265, 56¹
 Archicarabus, 10² 10⁴
 Archiorhynchus, 363
 Archodontes, 265, 39¹
 Archophileurus, 262
Ardistomina, 11²
 Ardistomis, 48
 Aremia, 122
Areodina, 53⁴
 Aretaonus, 14¹
 Areus, 99, 100
 Argaleus, 272, 59¹
 Argante, 180
 Argopistes, 300
 Argoporis, 226, 35¹
 Argutor, ix
 Arhipis, 27²
 Arhopalus, 277
 Arianops, 129
 Arimimelus, 93
 Ariotus, 165
 Arisota, 122
 Armalia, 220
 Arpedium, 94, 352, 20,¹ 100⁴
 Arpeleodes, 43¹
 Arrhenodes, 64¹
 Arrhenoplita, 233
 Arrhipis, 176
Arsipodini, 301
 Arthmius, 129, 82³
 Arthrocharis, 23⁴
 Arthrochlamys, 44,² 61⁴
 Arthrolips, 92
 Arthromacra, 237, 36,¹ 49⁴
 Articerus, 132
 Artipus, 314, 361
 Artobium, 242
 Artochia, 95, 20¹
 Asaphes, 170
 Asaphidion, 49, 9,¹ 11²
 Asbolus, 87, 224
 Asclera, 154
 Asclerini, 154
Ascydmini, 91
 Ascydmus, 91
Aseminae, 267
 Asemini, 267, 40²
 Asemobius, 95
 Asemum, 267, 40,¹ 91³
 Aserica, 51⁴
 Asida, 226
 Asidina, 225
Asidinae, 48¹
 Asidini, 224, 48¹
 Asidopsis, 226, 35¹
 Aspathines, 238
 Asphaera, 299
Aspicelini, 299
 Aspiloglossa, 48
 Aspidosoma, 31⁴
 Astenognathus, 27⁴
 Astenus, 105, 20,² 27⁴
- Asthenesita, 121
 Astilbus, 116
 Astrotus, 224
 Astylidius, 282, 43¹
 Astylopsis, 282
 Asydates, 146, 27,¹ 32⁴
 Asynonychus, 47,¹ 67⁴
 Ataenius, 251, 353, 38,¹ 39,² 90,³ 50⁴
 Ataxia, 284, 43,¹ 42²
Ataxiini, 284, 60¹
 Ateoteles, 115
 Atheta, 117, 352, 22,¹ 23,¹ 29⁴
 Athetalia, 118
 Athetota, 118
 Atholister, 136
 Atholus, 136, 25¹
 Athouina, 168
 Athous, 168, 354, 27,² 83,³ 84,³ 39⁴
 Atimia, 279, 42,¹ 59¹
Atimiini, 279
 Atinus, 131
 Atomaria, 203, 32¹
Atomariinae, 203
Atomariini, 203
 Atopa, 187
 Atractocerus, 28¹
 Atractodes, 174
 Atractopterus, 172
Atrani, 64
 Atranus, 64, 79³
 Atrichonotus, 67⁴
Attageninae, 31²
Attagenini, 189
 Attagenus, 189, 356
 Attalus, 146, 27,¹ 32⁴
 Attalusinus, 145
Attelabidae, 308, 48²
Attelabinae, 309, 48²
Attelaboidea, 308
 Attelabus, 309, 48,² 93³
 Atylostagma, 268
Atysini, 296
Auchmobiini, 221, 48⁴
 Auchmobius, 221, 48⁴
 Augochlorophilus, 343
 Aulacoscelis, 286, 60⁴
 Aulacotrachelus, 20¹
 Auletes, 308, 360, 46,¹ 93,³ 65⁴
Auletini, 308
 Auletobius, 65⁴
 Auletes, 330, 51²
 Aulicus, 150, 28,¹ 34⁴
 Aulobaris, 327, 363, 48¹
 Aulonium, 205, 47¹
 Aulonothroscus, 177
 Autalia, 113, 21¹
 Autoserica, 38,¹ 51⁴
 Axestinus, 269, 57⁴
 Axinocerus, 190
 Axinopalpus, 66, 14,¹ 14,² 79³
 Axinophorus, 16⁴
 Axion, 217
 Axylophilus, 165
 Babia, 288, 61⁴
Babiini, 288
 Bacanius, 138, 26,¹ 29⁴
 Bactridium, 198, 32²
 Bactrocercus, 162
 Badister, 62, 350, 11¹

- Badura, 121, 23¹
 Baeckmanniolus, 30¹
 Baeocera, 134, 25¹
 Bagous, 320, 47,¹ 49²
Balanini, 322
 Balaninus, 322, 362, 49²
 Baliosus, 303
 Bamona, 113, 21¹
 Baptoleus, 106
Barides, 326
 Baridius, 326
 Barilepsis, 50¹
 Barilepton, 329, 50¹
Barini, 326
 Barinus, 329, 50,¹ 50²
 Baris, 326, 362, 47,¹ 50,² 69¹
 Baropsis, 333
 Barymerpha, 54¹
Barynotini, 314
 Barynotus, 314
 Baryodma, 124, 23,¹ 24,¹ 29¹
 Barypeithes, 314, 361
 Barytachys, 53
 Barytychius, 318
Basitoxi, 265
 Basolum, 128
 Bassareus, 291, 44,¹ 44,² 61¹
 Batenus, 79¹
 Bathona, 91
 Bathrolium, 25¹
Bathyclinae, 19²
 Bathyrus, 312
 Batophila, 302
Batrisini, 129
 Batrisodes, 129, 20,² 29¹
 Batrisus, 129
Batulini, 223
 Batulides, 223
 Batulius, 223
 Batyle, 280, 42²
 Batyleoma, 280, 42¹
 Baulius, 163
Belidae, 308, 48²
 Belionota, 183
 Bellamira, 274, 58¹
 Belonia, 208
 Belonuchus, 108, 28¹
 Belotus, 144
Bembidiinae, 12²
Bembidiini, 49
 Bembidion, ix, 49, 350, 9,¹ 11,² 78,³ 12¹
 Bembidium, 49, 99¹
 Benedictia, 51¹
Bergini, 246
 Berginus, 246, 34²
Berosini, 83
 Berosus, 83, 351, 18,¹ 18¹
 Betarmon, 172, 41¹
 Beyeria, 127
 Biblioplectus, 129
 Biblomimus, 129
 Bibloplectus, 29¹
 Bibloporus, 128
Bidessini, 77
 Bidessonotus, 16¹
 Bidessus, 77, 351, 16,¹ 15²
 Biocrypta, 101, 26¹
 Biomorphus, 236
 Biotus, 131
Biphyllidae, 33²
Biphyllini, 202
 Biphyllus, 33²
 Bisnius, 106
 Bitoma, 205, 33,¹ 34²
 Bius, 236
 Bladus, 169
 Blanchardia, 142
 Blaps, 226
Blapstini, 231
 Blapstinus, 231, 357, 35,¹ 36²
Blaptinae, ix, 48¹
Blaptini, ix, 226
 Blaptosoma, 10,² 54²
 Blapyllis, 228, 48¹
 Blastophagus, 339
 Blatchleya, 142
 Blauta, 173, 41¹
 Blechrus, 66, 14,¹ 79¹
 Bledius, 97, 352, 20,¹ 19,² 22,⁴ 100¹
 Blemus, 54, 13¹
 Blepharida, 298
Blepharidae, 298
Blepharidini, 298
 Blepharhymenius, 127
 Blethisa, 46, 8¹
 Blitophaga, 87, 18²
Blosyrini, 313
 Bolboceras, 252
 Bolbocerosoma, 252, 38,¹ 39²
Bolbocerini, 252
 Boletobius, ix, 111
Bolitobini, 111
 Bolitobius, ix, 111, 352
 Bolitochara, 114, 22¹
Bolitocharini, 113, 22,¹ 23,¹ 24¹
Bolitophaginae, 232
 Bolitophagus, 232
 Bolitotherus, 232
 Boloschesis, 44,¹ 44²
 Bomius, 66
 Bonvouloiria, 207
 Borboropora, 124, 23¹
 Boreaphilus, 95, 22¹
 Borcobia, 60
 Boros, 236
Bostrichidae, 244, 358, 38,¹ 37,² 90³
Bostrichini, 244
 Bostrichoclerus, 33¹
Bostrichoidea, 37²
 Bostrichus, 244, 245, 341
Bostrychidae, 50¹
 Bostrychopsis, 245
 Bostrychulus, 245
 Bothrasida, 35¹
 Bothrideres, 206, 33¹
Bothriderini, 206
Bothriophorini, 192
 Bothriophorus, 192
 Bothriopterus, 59, 10,¹ 13²
Bothrosternini, 337
 Bothrosternus, 337
 Bothrotes, 221, 34¹
 Bothynus, 260, 261
 Botrodus, 206
Brachinini, 68
 Brachinus, 68, 350
 Brachyacantha, 212, 87³
 Brachybamus, 319

- Brachycephala, 90
 Brachycis, 247
 Brachycopris, 248
 Brachycoryna, 303, 46,² 64¹
 Brachycrepis, 174
 Brachyderes, 313
Brachyderini, 313
 Brachygluta, 130, 29¹
Brachyglutini, 130
 Brachyleptura, 272, 41,¹ 41²
 Brachylobus, 69
 Brachylon, 47¹
 Brachymorphus, 34¹
 Brachynotus, 143
 Brachynus, 68, 15¹
 Brachyogmus, 324
 Brachyontis, 230, 35¹
 Brachypeplus, 195
 Brachypsectra, 187, 26²
 Brachypsectridae, 26²
Brachypsectrini, 187
Brachypterini, 194
 Brachypterolus, 31,¹ 32,² 46¹
 Brachypterus, 194
Brachyrhinidae, 310
Brachyrhininae, 314, 85¹ 87¹
Brachyrhinini, 314
 Brachyrhinus, 310, 314, 361, 49²
 Brachys, 184, 30¹
 Brachysomida, 271, 41¹
 Brachyspasta, 25,² 38¹
 Brachyspathus, 355
 Brachystylus, 315
 Brachyta, 271
Brachytarsinae, 47²
 Brachytarsoides, 48,² 64¹
 Brachytarsus, 307, 360, 48,² 93³
 Brachyusa, 123
 Bracteon, 49
 Braderochus, 266
Bradycelli, 80³
 Bradycellus, 74, 80³
 Bradycinetulus, 252
 Bradycinetus, 252
 Bradytus, 60, 10,¹ 13²
 Bradyrhyncoides, 313
Branchini, 229
 Branchus, 229
Brathinidae, 86, 16²
 Brathinus, 86, 16²
 Brennus, 44, 8,¹ 8,⁴ 10⁴
 Brenthus, 306
Brentidae, ix, 306, 47,² 48,² 64¹
Brentoidea, 306, 48²
 Brentus, 306, 47²
 Briaraxis, 130
 Brontes, 200, 32,¹ 33²
Brontini, 200
Broscini, 68
 Brothylus, 268, 40,¹ 56¹
Bruchidae, 304, 43,² 93,³ 64¹
Bruchinae, 47,² 93¹
 Bruchidius, 304
 Bruchus, 304, 64¹
 Brumus, 217, 87,³ 88³ 48⁴
 Bryaxis, 130, 131
 Brychius, 75, 14²
 Bryobiota, 114
 Bryocharis, 111
 Bryonomus, 108, 28⁴
 Bryoporus, 112
 Bryothinusa, 114
 Bulaea, 35²
Buprestidae, 177, 355, 30,¹ 55,¹ 28,² 85,³ 42,⁴
 101¹
Buprestini, 179
 Buprestis, 180, 355, 30,¹ 55,¹ 29,² 43¹
 Buprestites, 355
Byrrhidae, 191, 356, 31,¹ 86³
Byrrhinae, 191
Byrrhini, 191
 Byrrhodes, 244
 Byrrhus, 191, 356
 Byrsopidae, 333
 Byrsopolis, 260
 Bythinopsis, 131
 Bythinus, 131
Byturidae, 31²
Byturinae, 189
 Byturosoma, 32¹
 Byturosomus, 146
 Byturus, 189, 31²
 Caccoplectus, 131
 Cacoplia, 281, 43¹
 Cacotemnus, 242
 Cactophagus, 335
 Cactopinus, 339, 71⁴
 Caelidia, 54⁴
 Caenia, 140
 Caeniella, 140
 Caenocara, 244, 37¹
 Caenocorse, 234
 Caenocyrtia, 21¹
Caenoscelini, 203
 Caenoscelis, 203, 32¹
 Caeporis, 300
 Caerosternus, 137, 30⁴
 Cafius, 108, 28⁴
 Cainosternum, 19,¹ 21⁴
 Calais, 167
 Calandra, 336, 69¹
 Calandrinus, 328, 49¹
 Calandrites, 363
 Calathus, 62, 11,¹ 78³
 Calendra, 336, 51,¹ 51,² 69¹
Calendridae, 48²
Calendrinae, 335, 51¹
Calendrini, 336
 Calitys, 194
 Calleida, 66, 14¹
 Callicerus, 127, 24¹
 Callichroma, 275
Callichromini, 275
 Callida, 66, 79³
Callidi, 79³
Callidiini, 275
Callidiopini, 270
 Callidiopsites, 359
 Callidium, 276, 359, 42,¹ 42,² 59¹
 Calligrapha, 295, 45,¹ 45,² 62⁴
 Callimellum, 59⁴
 Callimoxys, 275, 359, 41¹
 Callimus, 275, 41,¹ 59¹
Callipogonini, 265
 Callipogonius, 60¹
Callisomina, 77³
 Callisthenes, 45, 8,¹ 10,² 54,² 77,³ 11⁴
 Callistriga, 10,² 54²

- Callitropa, 10,² 54,² 77,³ 11⁴
 Calloides, 277, 42¹
 Callosobruchus, 305
 Callotillus, 149, 27,¹ 33⁴
 Calochara, 124
 Calochromus, 140
 Calocolliuris, 15⁴
 Calocollius, 79³
 Calodera, 127, 24¹
 Caloderma, 103, 23⁴
 Calolymus, 152
 Calomicrus, 45,¹ 92³
 Calomycterus, 48²
 Calophaena, 26¹
Calopodinae, 153
 Calopteron, 140
 Calopus, 153
 Calosoma, 45, 349, 8,¹ 55,¹ 56,¹ 10,² 54,² 77,³ 11⁴
 Calospasta, 159, 25,² 38⁴
Calospastides, 159
 Calpusa, 21¹
 Calybe, 15¹
 Calymmaderus, 243
Calyptillini, 314, 67⁴
 Calyptillus, 314
 Calyptobium, 207
 Calyptocephalus, 141, 26¹
 Calyptomerus, 89
 Caminara, 54,² 77³
Camptocerini, 337
 Camptodes, 196
 Camptorhina, 254
Camptosomatidae, 43²
 Campylus, 169
 Canastota, 121
 Canifa, 239, 36²
 Canistes, 332
 Canonura, 283
Cantharidae, 142, 157, 353, 26,¹ 22,² 31¹
Cantharini, 143
 Cantharis, 143, 157, 158, 353, 26,¹ 22,² 31,⁴ 36⁴
Cantharoidea, 140
 Canthon, 248, 38²
 Canthostethus, 291
 Canthydrus, 76, 16,¹ 15²
 Caphalistes, 146
 Capnochroa, 219, 357
Carabidae, 43, 349, 364, 8,¹ 55,¹ 56,¹ 10,² 77,³ 103,³ 8,⁴ 99⁴
Carabina, 77,³ 10⁴
Carabinae, 43
Carabini, 44, 10⁴
 Carabiosoma, 10,² 54²
 Carabites, 350, 55,¹ 103³
Caraboidea, 39
 Carabus, 44, 349, 8,¹ 10,² 77,³ 10,⁴ 11,⁴ 99⁴
 Carcinops, 137, 30⁴
 Carcinopsida, 137
 Cardiola, 124, 20²
Cardiophorinae, 175
 Cardiophorus, 175, 354, 55,¹ 27,² 85³
 Carebara, 239
 Cariderus, 25,² 38⁴
 Carnegonia, 10,² 54²
 Carpalimus, 95
 Carphoborus, 338, 51,¹ 70⁴
 Carphonotus, 334
Carpophilinae, 195
Carpophilini, 195
 Carpophilus, 195, 356, 46⁴
 Carrhydrus, 18¹
 Cartodere, 207, 34²
 Caryoborus, 304
 Caryobruchus, 47²
 Casnonia, 65, 13,¹ 14²
 Cassida, 304, 46,² 64⁴
Cassidinae, 304
 Catalinus, 90
 Catapastus, 329, 50¹
Catascopi, 79³
 Cateretes, 194
Cateretinae, 194
 Catharellus, 73, 80³
 Cathartus, 198, 32,¹ 33²
 Cathetopteron, 44¹
 Catobaris, 363
 Catogenus, 199
Catopidae, 19¹
Catopinae, 19,² 19¹
Catopini, 19¹
Catopocerini, 17,² 19¹
 Catopocerus, 19⁴
 Catopomorphus, 87
 Catops, 87, 19,² 20⁴
 Catopsimorphus, 87
 Catoptrichus, 87, 20⁴
 Catorama, 243
 Caulophilus, 334
 Cebrio, 165, 26,² 83,³ 38⁴
Cebrionidae, 165, 354, 26,² 83,³ 38⁴
 Cadius, 132
 Cetetes, 140
Celeuthetini, 314
 Celia, ix, 60, 10,¹ 13²
 Celiomorphus, 71, 15¹
 Celina, 77
Celinini, 77, 15²
 Cenophengus, 142, 21²
 Cenoscielis, 234
 Centrinaspis, 49,¹ 50²
Centrinides, 327
 Centrinites, 328, 49¹
 Centringyna, 328, 49¹
 Centrinopus, 328, 49¹
 Centrinus, 327, 363
 Centrioptera, 224, 34¹
 Centrocerum, 56¹
 Centrocleonus, 325
 Centrocnemis, 25⁴
 Centrodera, 271, 40,² 58⁴
 Centron, 361
 Centronipus, 49¹
 Centronopus, 235, 49¹
 Ceophyllus, 132
Cephalobryrhinae, 44⁴
 Cephalogyna, 72, 80³
Cephaloidea, 153, 23,² 34⁴
Cephaloliini, 303
 Cephaloon, 153, 23,² 34⁴
 Cephaloscymnus, 214
Cepheniini, 90
 Cephennium, 90, 20¹
 Ceracis, 247
Cerambycidae, 265, 359, 39,¹ 55,¹ 40,² 91,³ 104,³ 56⁴
Cerambycinae, 267, 40¹

- Cerambycini**, 268
Cerambycoidea, 265, 43²
 Ceramphis, 91
 Cerandria, 233
 Cerasphorus, 268
 Ceraspis, 53¹
 Cerataltica, 302
 Ceratoderus, 83, 162
 Ceratographis, 283, 43¹
 Ceratomegilla, 215, 33,¹ 87,³ 47¹
 Cercocerus, 132
 Cercometes, 194
 Cercolia, 274, 41¹
 Cercopeus, 314
 Cereus, 194
 Cercyon, 85, 351, 19,¹ 81³
 Cerenopus, 226
 Ceritaxa, 118
Cerophytidae, 165
 Cerophytum, 165
 Cerotoma, 298
Cerotomini, 298, 45¹
 Ceruchus, 264, 359
 Cerylon, 206
Cerylonini, 206
Cetoniinae, 262
Cetoniini, 262
 Ceuthorrhynchidius, 330
 Ceutorhynchi, 330
Ceutorhynchini, 330, 51²
 Ceutorhynchus, 330, 363, 51,¹ 51,² 94,³ 69¹
 Chaetarthria, 85
Chaetarthriini, 85
 Chaetechus, 314
 Chaetocera, 296
 Chaetocnema, 301, 46,¹ 46²
Chaetocnemini, 301
 Chaetocoelus, 145
 Chaetophleous, 338, 70¹
 Chalcodermus, 332, 51²
 Chalcoides, 300, 46,¹ 46,² 92³
Chalcolepidina, 167
 Chalcolepidius, 167
 Chalcoparia, 292
 Chalcephora, 179, 29²
 Chalcephorella, 179
Chalcephorini, 179
Chalepini, 303
 Chaleponotus, 332
 Chaleposomus, 39
 Chalepus, 260, 303, 360, 64¹
 Charaphloeus, 199
 Chariessa, 151, 34¹
 Charisalia, 273, 41²
 Charisius, 218
 Charistena, 303
Chasmatopterini, 253, 51¹
 Chasmogenus, 84
Chauliognathini, 142
 Chauliognathus, 142, 353, 22²
 Chaunocolus, 51¹
 Cheiroplatys, 261, 54⁴
Chelonaridae, 30²
Chelonariidae, 188, 355, 46¹
 Chelonarium, 188, 355, 46¹
 Chelonychus, 324
 Chelymorpha, 304, 46,² 64¹
 Chelyoxenus, 139, 30¹
 Chennium, 131
 Cherostus, 232
 Chevrolatia, 91
Chevrolatiini, 91
Chilocorini, 217
 Chilocorus, 217, 357, 87,³ 88³
 Chilometopon, 221, 34¹
 Chilopora, 127
 Chion, 268, 40¹
 Chionanthobius, 320
 Chirida, 304, 64¹
 Chitalia, 124
Chlaeniini, 68
 Chlaenius, 68, 350, 364, 14,¹ 79,³ 15⁴
 Chlaenobia, 53¹
Chlamydinae, 288, 43,² 61⁴
 Chlamys, 288, 44,¹ 44,² 61⁴
 Chloecharis, 23¹
 Chloropachys, 289
 Chlorophanus, 313
 Chlorophorus, 277
 Chlorotusa, 116
 Chnaunanthus, 254, 51¹
 Choeridium, 248, 358
 Cholerus, 91
 Choleva, 87, 19²
Cholevini, 87
 Cholinobaris, 50¹
 Cholus, 318, 68¹
 Choragidae, 47²
Choraginae, 47²
 Choragus, 307, 360
 Chorea, 165
 Chramesus, 338, 70¹
 Chromatia, 219, 48¹
 Chrotoma, 268
 Chrysanthia, 154
 Chrycina, 259
Chrysobothrini, 182
 Chrysobothris, 182, 355, 30,¹ 29,² 43⁴
 Chrysobracton, 11²
 Chrysochus, 294, 92³
 Chrysodina, 292
Chrysodinini, 292
 Chrysolina, 45,¹ 92,³ 62¹
 Chrysomela, 295, 359, 45,¹ 92,³ 62⁴
Chrysomelidae, 286, 359, 44,¹ 56,¹ 43,² 92,³
 104,³ 60,⁴ 101⁴
Chrysomelinae, 294
Chrysomelini, 294
 Chrysomelites, 359
Chrysomeloidea, 43²
 Chrysophana, 177, 28,² 42¹
 Chrysostrigma, 10,² 54²
 Cibdelis, 235, 36¹
 Cicindela, 40, 7,¹ 9,² 77,³ 7¹
Cicindelidae, 39, 7,¹ 9,² 77,³ 7⁴
Cicindelini, 40
 Cicindelopsis, 55¹
 Cicones, 205
Ciidae, 37²
 Cilea, 111, 29¹
Cimberinae, 48²
 Cimbocera, 311, 85¹
 Cineretis, 55¹
 Cinyra, 180, 30¹
Cioidae, 246
Cionini, 325
 Cionistes, 322
 Cionus, 325

- Circinalia, 12¹
 Circinalidia, 12¹
 Circomus, 234
 Cis, 246, 38¹
Cisidae, 246, 38,¹ 34,² 37,² 50¹
Cisinae, 246
 Cissites, 29,¹ 35¹
 Cistela, 218, 48¹
Cistelidae, 218
 Cistelites, 357
Clambidae, 89
 Clambus, 89
 Clamoris, 234
Clavigeridae, 132, 24¹
 Cleis, 217, 87,³ 88,³ 47¹
Cleomenini, 278
 Cleonaspis, 325
 Cleonidius, 325, 69¹
Cleoninae, 68⁴
Cleonini, 325
 Cleonopsis, 325
 Cleonus, 325, 362, 50,² 69¹
 Cleopomiarus, 47¹
 Cleothera, 211
Cleridae, 148, 353, 27,¹ 23,² 37,² 33¹
Clerinae, 148, 23,² 33¹
Cleroida, 37²
 Cleroides, 33¹
 Cleronomus, 149, 33⁴
 Clerus, 150, 33¹
Clidicinae, 91
 Clinidium, 193
 Clinocara, 36¹
 Clinocera, 44¹
 Clivina, 48, 11,² 12¹
 Cloeotus, 253
 Clusiotia, 121, 23¹
 Clypeaster, 92
 Clytanthus, 277
Clytini, 276, 91³
 Clytoleptus, 278, 42,¹ 42²
 Clytrinae, 288, 43²
Clytrini, 288.
 Clytus, 278, 359, 42,¹ 55,¹ 42,² 91³
 Cnecus, 241
 Cnemeplatia, 232
 Cnemidotus, 75, 76
 Cnemocyllus, 323
 Cnemodinini, 219
 Cnemodinus, 219
 Cnemodus, 219
 Cnemogonus, 330
 Cnemotrupes, 252
Cneoglossini, 187
 Cneorane, 298
 Cnesinus, 337
 Cnestocera, 37¹
 Cnopus, 165
 Cobalius, 18¹
 Coccidula, 215, 47⁴
Coccidulini, 215, 87³
 Coccinella, 216, 357, 88³
Coccinellidae, 211, 357, 33,¹ 35,² 87,³ 47,⁴
Coccinellinae, 211
Coccinellini, 215, 87³
 Coccotorus, 322, 50²
 Coccotrypes, 340
 Coelambus, 77, 351, 17,¹ 15,² 16,⁴ 100⁴
Coelini, 230
Coeliodes, 330
 Coeliodes, 330, 363
 Coelocnemis, 235, 36,¹ 36²
 Coelogaster, 331, 51²
Coelomerini, 296
 Coelomorpha, 231
 Coelosattus, 36²
 Coelosternus, 333
 Coelostethus, 242
 Coelotaxis, 230
 Coelus, 230, 35¹
 Coenonycha, 258, 53¹
 Coenopoeus, 282
 Coenorrhinus, 93³
 Coenoscelis, 203
 Coeoporis, 300
 Colaspidea, 293, 45,¹ 44,² 62⁴
Colaspini, 292
 Colaspis, 292, 359, 44,¹ 62⁴
 Colaspoides, 294
 Colastus, 195
 Colecerus, 312
 Colenis, 88, 21¹
 Colensia, 21¹
 Coleocerus, 312
 Coleomegilla, 33¹
 Collabismodes, 69¹
 Collapteryx, 281
Colliurini, 79,³ 14⁴
 Colliurus, 14,² 79,³ 15⁴
 Collops, 145, 353, 26,¹ 22,² 32⁴
 Colobopterus, 249
 Colon, 88, 19,¹ 20⁴
Coloninae, 19,² 20⁴
 Colopterus, 195, 356
 Colpius, 76
 Colpodes, 64, 13,² 79,³ 14⁴
 Colpodota, 122, 23¹
 Colposternus, 242
 Colposura, 120
 Colusa, 127
Colydii, 205
Colydiidae, 205, 357, 33,¹ 34,² 47⁴
Colydiini, 205
 Colydium, 206, 34²
 Colymbetes, 80, 18¹
Colymbetinae, 79
Colymbetini, 80, 15²
 Colyphus, 149, 33⁴
 Commatocerus, 132
 Commatocerus, 132
Complicati, 77
 Compsa, 270
Compsocerini, 275
 Compsomorphus, 236
 Compsus, 313
 Comstockia, 65, 15⁴
 Coniatus, 362
 Conibiosoma, 232
 Conibius, 231, 35¹
 Coninomus, 207
 Coniontellus, 230
 Coniontides, 229, 35⁴
Coniontinae, 229, 48¹
Coniontini, 229
 Coniontis, 229, 35,¹ 56,¹ 49⁴
 Coniophagus, 246
 Conipinus, 229, 35¹

- Conisattus, 230
 Conithassa, 207
 Connophron, 89, 19¹
 Conoderes, 83³
 Conoderus, 167, 39⁴
 Conoecus, 222
 Conoderes, 83³
Cononotinae, 25²
 Cononotus, 161, 25²
 Conophoribium, 241
 Conophthorus, 340
 Conoplectus, 129
 Conosoma, 111
 Conotelus, 195
 Conotrachelus, 331, 363, 51,² 69⁴
 Conurus, 111
Copelatini, 80, 15²
 Copelatus, 80, 18,¹ 17⁴
 Cophes, 51²
 Copidita, 154, 353
Coprinae, 248
Coprini, 248
 Copris, 248, 364, 38,¹ 50⁴
 Coprochara, 125
Coprophili, 95
 Coprophilus, 95
 Coproporus, 111, 29⁴
 Coprothassa, 123, 23¹
 Coptocycla, 304, 47²
 Coptodera, 66, 79³
 Coptogaster, 337
 Coptostethus, 175
Coptotomini, 80, 15²
 Coptotomus, 80
 Copturodes, 329
 Copturus, 329
 Coraebus, 183
 Coraia, 92³
 Cordalia, 20²
 Cordylospasta, 157, 38⁴
 Corigetus, 85⁴
 Corinthiscus, 151, 34⁴
 Corphyra, 161
Corthylini, 339
 Corthylus, 339
 Corticaria, 208, 357, 34,² 47⁴
Corticariini, 208
 Corticarina, 208
 Corticcus, 234, 49⁴
 Corticeus, 49⁴
Corticini, 47⁴
 Corticotomus, 193
 Cortilena, 208
Corylophidae, 91
Corylophini, 91
 Corylophodes, 91, 19²
 Corylophus, ix, 91
 Corymbites, 169, 40¹
 Corynetes, 152, 23,² 34⁴
Corynetidae, 151, 353, 23²
Corynetini, 152
 Corynetops, 34¹
Corynodini, 294
 Coryphium, ix
 Coscinocephalus, 54¹
 Coscinoptera, 288, 44,² 61⁴
 Cosmobaris, 48,¹ 69⁴
 Cosmoderes, 339
 Cosmosalia, 273
Cossoninae, 333
Cossonini, 334
 Cossonus, 334, 363, 69⁴
 Cotalpa, 259, 53⁴
 Cotinis, 262, 39,¹ 40²
 Coxelus, 205, 34²
 Cradytes, 147, 27,¹ 32⁴
Craniotini, 222, 48⁴
 Craniotis, 48⁴
 Craniotus, 222
Cranophorini, 213
 Craponius, 330
 Cratacanthus, 70, 350, 80²
 Crataraea, 125, 24¹
 Cratidus, 236, 36,¹ 49⁴
 Cratocara, 75, 80³
Cratocari, 75
 Cratomerus, 182
 Cratonychus, 174
 Cratoparis, 307
 Crawfordia, 343
Crawfordinae, 343
 Cregya, 152, 34⁴
Chemastocheilini, 263, 55⁴
 Cremastocheilus, 263, 55⁴
 Chemastorhynchus, 362
 Creniphilites, 351
 Creniphilus, 84
 Crenitis, 84
 Crenitulus, 16²
 Creophilus, 109, 28⁴
 Crephalia, 119
 Crepidodera, 300, 46,² 64⁴
Crepidoderini, 300
 Crepidophorus, 168
 Crepidotritus, ix
 Crigmus, 172, 29¹
 Crimalia, 114
 Criocephalus, 267, 40,¹ 104³
 Crioceridea, 359
Criocerinae, 287
 Crioceris, 287, 44,² 60⁴
 Crioprosopis, 279
 Crioscapha, 239
 Crocidema, 85¹
 Crosimus, 202
 Crossidius, 279, 42¹
 Crossocrepis, 69
 Crymodes, 161
 Cryniphilus, 84
 Cryobius, 57, 10,¹ 13,² 14⁴
 Cryocarabus, 77³
Cryphalini, 339
 Cryphalus, 340, 52,¹ 71⁴
 Cryptadius, 220, 34¹
 Cryptagriotes, 354
 Cryptamorpha, 200
Cryptamorphini, 200
 Cryptarcha, 197, 46¹
Cryptarchinae, 197
 Cryptarchula, 46¹
Crypticinae, 232
 Crypticomorpha, 230
 Crypticus, 232
Cryptobia, 100
 Cryptobiella, 101
 Cryptobium, 100, 352, 26,⁴ 100⁴
Cryptocephalinae, 289, 43²
Cryptocephalini, 291

- Cryptocephalites, 359
 Cryptocephalus, 291, 359, 44,¹ 92,³ 61⁴
 Cryptocleptes, 52¹
 Cryptoglossa, 224, 34¹
Cryptoglossini, 224
 Cryptognatha, 214
 Cryptohypnus, 171, 354, 85,³ 41⁴
 Cryptolaemus, 214
 Cryptolepidus, 67¹
 Cryptolestes, 199
Cryptophagidae, 202, 356, 32,¹ 33,² 46⁴
Cryptophaginae, 202
Cryptophagini, 202
 Cryptophagistes, ix
 Cryptophagus, ix, 202, 356, 32,¹ 33,² 46⁴
Cryptophilini, 202
 Cryptophilus, 202, 32¹
 Cryptopleura, 278
 Cryptopleurum, 86
 Cryptorama, 243
 Cryptorhopalum, 190
 Cryptorhynchidius, 69⁴
Cryptorhynchi, 332
Cryptorhynchini, 331
 Cryptorhynchus, 333, 363
 Cryptops, 234
 Cryptostoma, 177
Crypturgini, 337
 Crypturgus, 337, 70⁴
 Ctenicera, 169
 Cteniopus, 219
 Ctenisis, 132
 Ctenistes, 131
Ctenistini, 131
 Ctenobium, 242
 Ctenochira, 304
Ctenodactylini, 65
 Ctenonychus, 174
 Ctenopteryx, 133
Cucujidae, 198, 356, 32,¹ 32,² 33,² 86,³ 46⁴
Cucujinae, 33²
Cucujini, 199
Cucujoidea, 193, 37²
 Cucujus, 199, 86³
Cupedidae, 153
 Cupes, 153
Cupesidae, 153, 28¹
Cupesoidea, 153
 Cupila, 123
 Curculio, 49,² 93³
Curculionidae, 303, 360, 46,¹ 55,¹ 48,² 93,³
 104,³ 65⁴
Curculioninae, 315
 Curculionites, 104³
Curculionoidea, 306, 315, 46,¹ 48²
 Curculiopsis, 363
Curiini, 270
 Curimopsis, 192
 Curius, 270
 Curtomerus, 270
 Curtonotus, 59, 10,¹ 13,² 14⁴
 Curvimanon, 20⁴
 Cybister, 81
Cybirinae, 81, 15²
Cybocephalinae, 196
 Cybocephalus, 86, 197
 Cybotus, 231
Cychramini, 196
 Cychramites, 356
 Cychramus, 196, 31¹
Cychrini, 43, 8⁴
 Cychrus, 44, 9⁴
 Cyclinus, 81
 Cyclopleurus, 56⁴
 Cyclocephala, 260, 54⁴
Cyclocephalini, 260, 54⁴
 Cyclodinus, 163
 Cyclolopha, 52
 Cycloneda, 216, 87,³ 88³
 Cyclonotum, 85
 Cyclosattus, 232
Cyclosomini, 79³
 Cyclotrachelus, 56, 10¹
 Cyclous, 81
Cyladinae, 309
 Cylas, 309
 Cylidrella, 193
 Cylinder, 33⁴
 Cylindera, 270
 Cylindra, 337
 Cylinderarctus, 131
 Cylindrataxia, 60¹
 Cylindrembolus, 130
 Cylindridia, 50¹
 Cylindrocharis, 55, 13⁴
 Cylindrocopturus, 329, 51²
 Cylindrodera, 270
Cylindrorrhininae, 93³
 Cylistix, 136, 25,¹ 31⁴
 Cylistosoma, 136
 Cyllene, 276, 42,¹ 42,² 91³
 Cyllidium, 85
 Cylloides, 196
 Cymathotes, 237
 Cymatodera, 149, 27,¹ 23,² 33⁴
 Cymatopterus, 80
 Cymatothes, 237
 Cymbiodyta, 85, 351, 19,¹ 100⁴
 Cymbolus, 32⁴
Cymindina, 79³
 Cymindis, 67, 350, 14,¹ 14,² 79³
 Cynaenus, 234, 35⁴
 Cyparium, 134, 25¹
 Cyphea, 24¹
 Cypherotylus, 201
Cyphini, 313
 Cyphocele, 22⁴
 Cyphomimus, 313
 Cyphon, 188, 31,² 86³
Cyphonidae, 188
 Cyphonotida, 273, 41,² 58⁴
 Cyphus, 313, 361
 Cypriacis, 180
Cyrtinini, 281
 Cyrtinus, 281
 Cyrtolabus, 48²
 Cyrtomerus, 270
 Cyrtomius, 221
 Cyrtomoptera, 144
 Cyrtomoptila, 144
 Cyrtonotus, 59, 13²
 Cyrtophorus, 278, 91²
 Cyrtoscelis, 18¹
 Cyrtoscydmus, 20¹
 Cyrtotriplax, 201
 Cyrtusa, 88, 21⁴
Cysteodemides, 159
 Cysteodemus, 159, 38⁴

- Cytilus, 191, 356
 Dacne, 201
Dacnini, 201
 Dacnochilus, 102 26⁴
Dacoderini, 224
 Dacoderus, 224
 Dactylosternum, 85, 19¹
 Dacyrtochera, 344
 Dadopora, 196
 Dalmodes, 131
 Dalmosella, 128
 Dalopius, 41¹
 Dalotia, 121
 Danae, 33¹
Dapti, 70
Dascillidae, 187, 355, 30,² 31,² 46⁴
Dascillinae, 187
Dascillini, 187
Dascilloidea, 187, 30²
 Dascillus, 187
Dascyllidae, 188
Dasycerini, 207
 Dasycerus, 207
 Dasydactylus, 200
 Dasydera, 253
 Dasyglossa, 126
 Dasygogon, 187
 Dasyrhodus, 148
 Dasytastes, 148, 27,¹ 32⁴
 Dasytellus, 148, 32⁴
 Dasytes, 148, 27,¹ 23,² 32⁴
Dasytidae, 23²
Dasytini, 146, 32⁴
 Datomicra, 121, 23¹
 Daulis, 216
 Daya, 119
 Dearthrus, 189
 Decarthron, 131, 24,¹ 29¹
 Dectes, 283, 43¹
Dectini, 283
 Decusa, 125, 24¹
Decusini, 24¹
Deinopsini, 112
 Deinopsis, 112, 21¹
 Deleaster, 95, 352, 22¹
 Deliphrum, 94
 Delius, 90
 Delopygus, 234
 Deloyala, 304, 47²
 Delphastus, 214, 33,¹ 35²
 Delphota, 118
 Deltochilum, 248
 Deltometopus, 176, 355, 27²
 Demetrius, 66
 Dendrobias, 280
 Dendrobiella, 244
 Dendrobium, 242
 Dendrocharis, 176, 27²
 Dendroctonus, 338, 51,¹ 70⁴
 Dendrodipnus, 191
 Dendroides, 161, 25,² 26,² 83³
 Dendrophagus, 200
Dendrophilinae, 30¹
 Dendrophilus, 137, 30¹
 Dendrosinus, 51,¹ 70⁴
 Deporaus, 308, 85¹
 Derallus, 83
Derancistrini, 266
 Derancistrus, 266, 39¹
 Deratanchus, 12¹
 Deratopeus, 102, 25¹
 Dereylinus, 80²
Derelomi, 318
Derelomini, 318
 Derelomus, 318
 Derestenus, 149, 33¹
Deretaphrini, 206
 Deretaphrus, 206
 Dermestes, 189, 356, 31,¹ 86,³ 18⁴
Dermestidae, 189, 356, 31,¹ 31,² 32,² 37,² 86¹
Dermestinae, 189, 31²
Dermestini, 189
 Dermestoides, 34¹
Derobrachi, 266
 Derobrachus, 266, 39¹
 Derocrepis, 92²
Derodontidae, 202
 Derodontus, 202
 Deronectes, 78, 17,¹ 16¹
 Derosomus, 313
 Derospidea, 92²
 Derovatellus, 81³
 Desiantha, 49²
 Desmia, 132
 Desmiphora, 284, 43¹
Desmiphorini, 284
Desmocerini, 274
 Desmocerus, 274, 41¹
 Desmoglyptus, 327, 48¹
 Desmopachria, 77, 16¹
Desmori, 318
 Desmoris, 319
 Dexiogyia, 126
 Diabrotica, 297, 360, 45,¹ 45²
Diabroticinae, 43²
Diabroticini, 297, 43²
 Diachila, 46
 Diachus, 291, 61⁴
 Diadochus, 169
 Dialytellus, 39²
 Dialytes, 251, 39²
 Diamimus, 311
 Diana, 181
 Dianchomena, 66, 14,¹ 79³
 Dianous, 100, 20²
 Dianusa, 114
 Diapatalia, 54¹
 Diaperinae, 233
 Diaperis, 233, 36²
 Diaphorus, 65
 Diapterna, 249
 Diastictus, 38¹
 Diaulota, 114, 21,¹ 20²
 Diaxenes, ix
 Diazus, 255
 Dibolia, 302
Dibolini, 302
 Dibolocelus, 84, 19¹
 Dicaelus, 62, 350, 11,¹ 78³
 Dicentrus, 267, 40²
 Dicerca, 180, 355, 30,¹ 29,² 43¹
 Dicheirus, 73, 15,¹ 14,² 80³
 Dichelonycha, 257
 Dichelonyx, 257, 39,² 91,³ 53¹
 Dichoxenus, 311, 48,² 85¹
 Dichromina, 260, 54⁴

- Diclidia, 156, 28¹
 Dicranopselaphus, 187
Dicrepidina, 174
 Dicrepidius, 174
 Dictyalotus, 244
 Dictyoptera, 140
 Dictyopterus, 140
 Didactylia, 39²
 Didetus, 67
 Didion, 213
 Diestota, 115
 Dietzella, 331
 Diglotta, 24¹
 Dignamptus, 237
 Digrapha, 140
 Dihammaphora, 278
 Dilacra, 120, 23¹
 Dilandius, 163
 Dilinium, 25¹
 Dimalia, 90³
 Dimetrota, 121, 23¹
 Dimetrotina, 121
 Dinacoma, 257, 39²
 Dinapate, 245, 37²
 Dinapatini, 245
 Dinaraea, 119
 Dinardilla, 125, 24¹
 Dineutes, 81, 18, 15²
 Dineutus, 15²
 Dinocleus, 325, 69⁴
 Dinocoryna, 116
 Dinoderus, 244, 245, 358, 38, 1 37²
 Dinodromius, 14, 1 79³
 Dinopsis, 112
 Diocarabus, 11⁴
Diochi, 106
 Diochus, 106, 27⁴
 Diodyrhynchus, 308, 48²
 Dioedus, 234
 Diomus, 213
Diorychi, 80³
 Diorymellus, 329
 Diorymerellus, 329
 Diorymeropsis, 49¹
 Diozodes, 270
 Diphaulaca, 300
Diphyllini, 202
 Diphyllocis, 247
 Diphyllostoma, 264, 91³
 Diphytaxis, 28²
 Diplocampa, 53, 9¹
 Diplochaetus, 55
 Diplocheila, 62
 Diplocoelus, 202, 33²
 Diplostethus, 172
 Diplotaxis, 254, 358, 38, 1 90, 3 51⁴
 Diplous, 12, 2 12⁴
 Dirabius, 50¹
 Dircaea, 239, 37¹
Dirhaginae, 27²
 Dirhagus, 176, 27, 2 28²
Dirotognathinae, 312
Dirotognathini, 312, 93³
 Dirotognathus, 312
 Discodemus, 229, 35¹
 Discoderus, 72, 15, 1 80³
 Discodon, 144
 Discogenia, 228
 Discotenes, 47²
 Disonycha, 299, 45, 1 45, 2 92, 3 63⁴
Disonychini, 299
 Dissochaetus, 19, 2 19⁴
 Distemmus, 94
 Distenia, 267
Disteniini, 267, 40²
 Distichalius, 109
 Ditaphrus, 192
 Ditemnus, 144
 Ditoma, 205
 Ditropalia, 22¹
 Ditylus, 154
 Docirhynchus, 361
 Dolichocis, 38¹
 Dolichonotus, 66¹
 Dolichopterum, 237
 Dolichosoma, 148, 32¹
 Dolichotoma, ix
 Doliema, 234
 Doliopines, 234
 Dolopius, 172, 41⁴
 Dolosota, 122
 Dolurgus, 338, 70⁴
 Donacia, 286, 359, 44, 1 56, 1 43, 2 104, 3 60, 4 101⁴
Donaciidae, 43²
Donaciinae, 286, 43²
 Donesia, 119, 23¹
Dorcadiini, 280
Dorcadiionini, 42¹
 Dorcaschema, 43, 1 59⁴
 Dorcaschematini, 43¹
 Dorcasina, 274
Dorcasonini, 274
 Dorcasta, 284, 43¹
 Dorcatoma, 243
Dorcatomini, 243
 Dorchaschema, 281, 43¹
Dorcinae, 264, 56⁴
 Dorcus, 264, 55⁴
 Dorthesia, 157
 Doryphora, 294
 Dorytomus, 318, 362
Doydirhynchoidea, 308
 Drachylis, 153
 Dralica, 120
Drapetes, 177, 28, 2 85³
 Drasterius, 167, 173, 27, 3 41⁴
 Drastophus, 89
 Drepanus, 16⁴
Driptini, 65, 13¹
 Dromaeolus, 176, 27²
Dromii, 79³
 Dromius, 66, 14, 1 79³
 Dromochorus, 43
 Drusilla, 116
 Dryobius, 268, 359
 Dryocoetes, 342, 363
Dryophilini, 241
Dryophthorini, 334
 Dryophthorus, 334
Dryopidae, 185, 355, 31, 1 30, 2 31, 2 85, 3 44, 4 46⁴
Dryopinae, 44⁴
Dryopini, 185, 30²
Dryopoidea, 185, 30, 3 44⁴
 Dryops, 185, 44⁴

- Dryotribus, 334
Dryptini, 13¹
 Dularius, 275
 Dynastes, 261
Dynastinae, 260
Dynastini, 261
 Dyschirius, 47, 9,¹ 11,² 12⁴
 Dyscinetus, 260
 Dysidius, 58, 10,¹ 14⁴
 Dyslobus, 311, 66⁴
 Dysmathes, 75
 Dysmerus, 200
 Dysphaga, 268
 Dysphenges, 302
 Dystaxia, 178
 Dysticheus, 315
 Dyticus, 80, 17⁴
Dytiscidae, 76, 351, 16,¹ 56,¹ 15,² 81,³ 103,³
 16,¹ 100⁴
Dytiscinae, 80
Dytiscini, 80
 Dytiscus, 80, 18,¹ 56,¹ 103,³ 17⁴
 Eanus, 170, 27,² 85,³ 40⁴
 Earota, 22¹
 Ebaeus, 146
 Eburia, 269, 40¹
 Eburini, 269
 Eburniogaster, 29⁴
 Ecarinosphaerula, 19²
 Eccoptogaster, 337, 70⁴
Eccoptogasterinae, 337
 Echiaster, 105, 27¹
Echiasteres, 105
 Echidnoglossa, 127, 24¹
Echinaspini, 51¹
 Echinaspis, 51¹
 Echinocoleus, 87, 19⁴
 Echinodes, 137, 25,¹ 31⁴
 Echmatophorus, 54⁴
 Echocerus, 233
 Echochara, 125
 Ecitogaster, ix
 Ecitonidea, 116
 Ecitonusa, 116
 Ecitopora, 116
 Ecitoxenia, 114
 Ectamenogonus, 173, 84³
 Ectinus, 173
 Ectopria, 187, 355
 Ecyrus, 234, 43,¹ 42,² 60⁴
 Edaphus, 100
 Edrotes, 222, 34¹
Edrotini, 222
 Edusellini, 293
 Ega, 65, 15⁴
 Egini, 65, 14²
 Eisonyx, 329, 50¹
 Elacatidae, 28¹
 Elacatis, 152
 Elachistarthron, 22¹
Elachistarthronini, 22¹
 Elaphidion, 269, 270, 359, 40,¹ 56⁴
Elaphidionini, 269
 Elaphidionopsis, 57⁴
Elaphrini, 45
 Elaphroterus, 10²
 Elaphrus, 45, 350, 8,¹ 10,² 12,⁴ 99⁴
 Elasmocerus, 148, 33⁴
 Elassoptes, 334
 Elater, 173, 354, 29,¹ 84,³ 103,³ 41⁴
Elateridae, 166, 354, 364, 29,¹ 55,¹ 27,² 83,³
 103,³ 39⁴
Elaterina, 173
Elaterinae, 172
Elaterini, 173
Elateroidea, 165
 Elateroides, 152
 Elateropsis, 266
 Elathous, 168, 84,³ 39⁴
 Elatotrypes, 41¹
 Elatrinus, 173
 Eleates, 232
 Eledona, 232
Elenchidae, 344
 Elenchinus, 344
Elenchoidea, 344
 Eleodes, 227, 357, 35,¹ 56,¹ 36,² 89,³ 48⁴
 Eleodimorpha, 229
Eleodinae, 48⁴
 Eleodini, 227, 48,⁴ 49⁴
Eleodopsinae, 48⁴
Eleodopsini, 48⁴
 Eleodopsis, 48⁴
Eleusii, 93
 Eleusis, 93
 Elissa, 312
 Eliusa, 123
 Elleschus, 324, 47¹
 Ellipolampis, 141
 Ellipotoma, 151
 Ellipsoptera, 42
 Ellychnia, 141
Elmidae, 186, 45⁴
Elminae, 45⁴
Elmini, 45⁴
 Elmis, 186, 45⁴
 Elodes, 188
 Elonus, 165
 Elosoma, 160
 Elsianus, 186, 45⁴
 Elytroleptus, 279, 59⁴
 Elytrulum, 363
 Elytrusa, 118
 Emathion, 176
 Embaphion, 229, 36²
 Emeax, 224
 Emelinus, 165
 Emenadia, 156
Emmenastrichus, 220
Emmenastus, 221
Emmenides, 220, 34¹
Emmenotarsus, 146, 32⁴
Emmesa, 239, 37,¹ 36,² 104³
Empelus, 89
 Emphyastes, 317
Emphyastini, 317
Emphyylus, 202
 Emplenota, 125, 24¹
 Enaphorus, 65
 Encalus, 320
 Enchodes, 239
Encyclopini, 274, 41²
 Encyclops, 274, 41,¹ 57⁴
 Encyllus, 68⁴
 Endalus, 320
Endecatomini, 244
Endecatomo, 244, 50⁴
 Endectus, 206

- Endeitoma, 205
 Endeodes, 145, 82³
 Endocephalini, 294
 Endomychidae, 209, 33,¹ 35,² 87³
 Endomychinae, 209
 Endomychini, 210
 Endomychus, 210
 Endophloeus, 205
 Endothina, 36²
 Endrosa, 255, 52⁴
 Engamota, 121
 Engis, 201
 Engyaulus, 183, 29,² 44⁴
 Enhydrini, 81
 Enicmus, 207, 47⁴
 Eniconyx, 166
 Enneacoides, 224
 Ennearthron, 247
 Enneatoma, 244
 Enochrus, 84, 351, 19,¹ 16,² 81,³ 18⁴
 Enoclerus, 150, 353, 28,¹ 23,² 33⁴
 Enoplii 151
 Enopliinae, 23,² 34⁴
 Enopliini, 151
 Enoplium, 151, 34⁴
 Enoplurus, 83, 18⁴
 Entiminae, 311
 Entimus, 361
 Entomophthalmus, 176, 27²
 Entomoscelini, 294
 Entomoscelis, 294
 Entomosterna, 280
 Entypus, 246, 247
 Eocarabus, 77³
 Eocleonus, 362
 Epantius, 226
 Epanuraea, 356
 Epeuchaetes, 50¹
 Ephalus, 232, 357
 Ephelinus, ix, 95, 20¹
 Ephelis, 95
 Ephelops, 324
 Ephistemini, 204
 Ephistemus, 204, 32,¹ 33²
 Epicaerini, 313
 Epicaerus, 313, 361, 66⁴
 Epicauta, 158, 354, 24,² 82,³ 35,⁴ 38⁴
 Epicautini, 35¹
 Epierus, 137, 30⁴
 Epilachna, 217, 88,³ 48⁴
 Epilachninae, 217
 Epimechus, 324, 47,¹ 50,² 68⁴
 Epimetopinae, 83
 Epimetopus, 83
 Epiphanis, 177, 355, 27²
 Epipocini, 209
 Epipocus, 209, 87³
 Episcopellus, 73
 Epismilia, 213
 Epitragini, 221
 Epitragodes, 222
 Epitragoma, 221
 Epitragus, 221
 Epitrix, 301
 Epomis, 79³
 Epopterus, 209
 Epuraea, 196, 31¹
 Epuraeanella, 196
 Erchomus, 111, 29⁴
 Eremninae, 93³
 Eremnini, 310
 Erepsocassis, 64⁴
 Eretes, 81
 Eretini, 81
 Ergates, 265
 Eridaulus, 246
 Eriglenus, 17⁴
 Erineophilus, 337
 Erineosinus, 52¹
 Eriopis, 215, 33¹
 Erirhini, 318
 Erirhinini, 318
 Erirhinus, 362
 Erirhipidia, 262
 Erirhipis, 262
 Eristhetus, 100
 Ernobius, 241, 358, 37,¹ 90³
 Ernoporides, 340
 Ernoporus, 340
 Erodiscus, 321
 Erolestes, 33⁴
 Erolestus, 23²
 Eronyxa, 194
 Eros, 140
 Erotas, 140
 Erotides, 140
 Erotylathris, 206
 Erotylidae, 200, 356, 32,¹ 34,² 86,³ 46⁴
 Erotylinae, 201
 Erotylini, 201
 Erotylus, 201
 Erycus, 318
 Erynephala, 62⁴
 Erythrolitus, 211, 35²
 Eschatocrepis, 148, 27,¹ 82,³ 32⁴
 Eschatomoxys, 48⁴
 Eschatoporis, 224
 Esthesopus, 175, 42¹
 Estola, 283, 43¹
 Estolae, 283
 Estolini, 43¹
 Euaesthetinae, 100
 Euaesthetini, 100
 Euaesthetus, 100, 20,¹ 20²
 Euastenus, 23⁴
 Eubaptinae, 93³
 Eubria, 187
 Eubrianacinae, 45⁴
 Eubrianax, 187, 30,² 45⁴
 Eubriinae, 187
 Eubrychiopsis, 331, 94,³ 69⁴
 Eubrychius, 331, 51,² 69⁴
 Eucactophagus, 335
 Eucaerus, 67
 Eucanthus, 252
 Eucarabus, 10,⁴ 99⁴
 Euceratocerus, 241
 Euchaetes, 329
 Eucharina, 125, 24¹
 Euchillini, 79³
 Eucicones, 205, 357
 Euclilus, 49³
 Eucinetidae, 30²
 Eucinetinae, 187
 Eucinetus, 187
 Eucliptus, 318

- Eucnemidae**, 176
Eucneminae, 176, 27²
Eucnemini, 176
 Eucnemis, 176, 355, 27²
 Euconibius, 231
Euconnini, 89
 Euconnus, 89, 19,¹ 19²
 Eucrada, 241
 Eucrossus, 268, 40,¹ 91³
 Eucryptus, 361
 Eucryptusa, 114
 Eucyllus, 315, 68⁴
 Eucymbolus, 32⁴
 Eucyphus, 192
 Eudasytes, 146, 27,¹ 32⁴
 Eudasytites, 353
 Eudectus, 95
 Eudera, 115, 22¹
 Euderces, 278, 59⁴
 Eudesma, 205
 Eudesmula, 205
 Eudiagogus, 312, 361
 Eudistenia, 268
 Eudociminus, 318
 Eudocimus, 318
 Eudomus, 361
 Eudromus, 49, 9¹
 Euetheola, 260
 Eufallia, 208, 34²
 Euferonia, 57, 10,¹ 14⁴
 Eugastra, 255, 52⁴
 Euglenes, 165
Euglenidae, 165
 Eugnampsidea, 360
 Eugnampsus, 308, 360
 Eugnathus, 49
Eugnomi, 318
 Eugoniopus, 196
 Euharpalops, 15¹
 Eulabis, 226, 35,¹ 36²
 Eulachus, 205
 Eulathrobium, 102, 25⁴
 Eulechriops, 329, 51²
 Eulimnichus, 192
 Eulissus, 105
 Eulyptus, 318
 Eumalus, 93
 Eumichthus, 270, 40²
Eumierini, 91
 Eumicrota, 115, 22¹
 Eumierus, 91, 20¹
 Eumitocerus, 112
 Eumolops, 57, 10¹
Eumolpinae, 292
Eumolpini, 293
 Eumolpinus, 292
 Eumolpus, 293, 62⁴
 Eumononycha, 329
 Eunecrophorus, 18⁴
 Eunonia, 94
 Eunyssobia, 329, 50¹
 Eupactus, 243, 50⁴
 Eupagoderes, 311, 48,² 85⁴
 Euparia, 251, 50⁴
Eupariini, 251
 Euparius, 307, 360
 Euparixa, 39,² 50⁴
 Euparixia, 50⁴
 Eupathocera, 344
 Eupetedromus, 12¹
 Euphalepsus, 130
 Euphorhipis, 262
 Euphoria, 262, 39,¹ 40,² 55⁴
 Euphoriaspis, 262, 55⁴
 Euphorticus, 64
 Euphrytus, 292, 62⁴
 Eupisenus, 238
 Euplastius, 166, 83³
Euplectini, 128
Euplectroscelini, 301
 Euplectroscelis, 301
 Euplectus, 128, 29⁴
 Eupleurida, 161, 29,¹ 25,² 38⁴
 Eupocus, 33⁴
Eupogonii, 284
 Eupogonius, 284, 43¹
 Eupogonocherus, 60⁴
 Eupompha, 159, 33⁴
 Eupristocerus, 183
 Euproctinus, 14,¹ 79³
 Euproctus, 66, 14,¹ 79³
 Eupsalis, 306, 47,² 64⁴
 Eupsenius, 131
 Eupsilobius, 206
 Eupsophulus, 236, 36¹
 Eupsophus, 236
 Eurea, 187
 Eurelymis, 148, 23²
 Euremus, 28⁴
 Eurhizophagus, 197
 Eurhoptus, 332
 Euromota, 118
 Europhilus, 13,¹ 79³
 Europs, 198, 32²
 Eurycarabus, 11⁴
Euryderi, 80³
 Euryderus, 70, 80³
Eurygeniini, 162
 Eurygenius, 162, 26²
Eurymetopini, 219
 Eurymetopon, 219, 221
Eurymetoponini, 221
 Eurymyceter, 307, 47²
 Eurynctida, 123, 23¹
 Euryodma, 23¹
 Euryomia, 262
 Euryopa, 142
 Euryoptera, 275
 Eurypalpus, 185
 Eurypepla, 304
 Eurypogon, 187, 30²
Eurypogonidae, 30²
 Euryporus, 109
 Eurypronota, 122
 Euryptera, 274, 41,¹ 41,² 58⁴
 Euryptychus, 177, 27²
 Euryscelis, 277, 42¹
 Euryscopa, 288, 44²
 Eurysphindus, 246
Eurystethidae, 160, 25,¹ 25²
 Eurystethes, 29¹
 Eurystethus, 160, 29¹
 Eurytrachelus, 11²
 Eurytrichus, 73

- Euryusa, 115
 Eusanops, 129
 Eusattodera, 297
 Eusattodes, 229
 Eusattus, 229, 35¹
 Euscaphurus, 188
 Euscepes, 332, 51,² 69⁴
 Euschaefferia, 193
 Euschides, 225, 35,¹ 48⁴
 Eusomalia, 191
 Eusphyrus, 307, 47²
 Eustilbus, 210
 Eustrigota, 123
 Eustroma, 269, 56⁴
 Eustromula, 269, 56⁴
 Eustrongylium, 237
 Eustrophinus, 238, 36²
 Eustrophus, 238
 Eustylini, 315
 Eutessus, 282
 Eutetrapha, 43¹
 Eutheia, 91
 Eutheini, 91
 Euthiodes, 91
 Euthorax, 125, 23¹
 Euthuorus, 284
 Euthysanius, 166, 26,² 83,³ 39⁴
 Eutochia, 234
 Eutomus, 232
 Eutoxotus, 271
 Eutrichites, 130
 Eutricholistra, 27,¹ 32⁴
 Eutrichopleurus, 32⁴
 Eutrilia, 91
 Eutriorophus, 34,¹ 48⁴
 Eutylistus, 244
 Eutyphlus, 129
 Euvacusus, 163
 Euvira, 114
 Euvrilleta, 242
 Euxenus, 307, 48²
Euxestinae, 34²
 Euxestus, 34²
 Evarthrinus, 57, 10¹
 Evarthrops, 10¹
 Evarthrus, 57, 350, 13²
 Evodinus, 271, 41,¹ 58⁴
 Evolenes, 69
 Evopes, 361
 Evoplus, 233
 Evotus, 313
 Exema, 288, 44¹
 Exerestus, 235
 Exochomus, 217, 47⁴
 Exoma, 192
 Exomala, 39¹
 Exomella, 192
Exomellini, 192
 Exopioides, 245
 Exoplectra, 214, 87³
Exoplectrini, 87³
 Exora, 45¹
 Exosoma, 298
Exosterninae, 31⁴
 Fabricianus, 291
 Falacer, 237
 Falagria, 124, 23¹
Falagriae, 124
 Falagriola, 124
 Falagrioma, 124
 Falagriota, 124
 Faliscus, 128
Faronini, 127
 Faronus, 127
 Faula, 53⁴
 Ferestria, 57, 10,¹ 12²
 Feronalius, 59
 Feronia, 55
 Feronina, 57
 Fidia, 293, 62¹
 Florilinus, 190
 Fluvicola, 185, 31¹
 Formicilla, 163
 Formicomus, 163
 Formicus, 163
 Fornax, 176, 355, 27,² 28²
 Fortax, 12²
Fragmentati, 76
 Fuchsina, 208
Fulcidacinae, 61⁴
Fulcidacini, 44¹
 Furcacampa, 78,³ 12⁴
 Fusalia, 122
 Fustiger, 132
 Gaenima, 121, 23¹
 Galba, 176
 Galerita, 65, 350, 13,¹ 14²
 Galeruca, 293, 45¹
 Galerucella, 296, 359, 45,¹ 92,³ 62⁴
Galerucidae, 43²
Galerucinae, 296, 45,¹ 43²
Galerucini, 298, 45¹
 Galeruclerus, 152
 Gambrius, 168
 Gampsonycha, 21¹
 Ganascus, 165
 Ganimus, 268
 Gastragallus, 242
 Gastrallanobium, 358
 Gastrallus, 242
Gastraulacinae, 27²
Gastrellarius, 56, 78³
 Gastrogyna, 298
 Gastroidea, 295, 45²
 Gastrolobium, 100, 26⁴
 Gastrophysa, 295, 45²
 Gastrosticta, 57
 Gastrotaphrus, 68⁴
 Gaurodytes, 79, 15,² 17⁴
 Gauropterus, 105
 Gaurotes, 272, 359, 41,² 58⁴
 Gehringia, 10⁴
Gehringiini, 10⁴
 Gelus, 329
Genecerini, 187
 Gennadota, 24¹
 Genosema, 22¹
 Genuchinus, 263, 55¹
 Geoderces, 315, 68⁴
 Geodercodes, 315
 Geodromicus, 95, 352, 19,² 100⁴
 Geopatrobis, 13⁴
 Geopinus, 70, 80³
Georyssidae, 186
 Georyssus, 186
 Geotrupes, 252, 39,² 51⁴
Geotrupidae, 38²

- Geotrupinae**, 252
Geotrupini, 252
 Geracus, 327, 48,¹ 50²
 Geralophus, 362
 Geropa, 268
 Gerstaeckeria, 333, 51²
Gibbiini, 240
 Gibbium, 240
 Ginglymocladius, 141
 Glanodes, 70, 80²
Glaphyrinae, 253
 Glaphyrometopus, 313
 Glaresis, 253, 39²
 Glaucothes, 282
 Glipa, 154
 Glipodes, 155
 Glischrochilus, 197, 86³
 Glycerius, 73, 15,¹ 80³
 Glycia, 67
 Glycobius, 277
 Glyphonyx, 172
 Glyptasida, 224
 Glyptina, 302, 46,¹ 46²
 Glyptobaris, 327
 Glyptoderus, 79³
 Glyptoma, 93
 Glyptophorus, 33
 Glyptoscelimorpha, 178, 85³
 Glyptoscelis, 293, 45,¹ 62⁴
 Glyptotus, 235
 Gnaphalodes, 268
 Gnathium, 160, 354, 35⁴
 Gnathocerus, 233, 35¹
 Gnathoncus, 139, 30⁴
 Gnathospasta, 159, 36⁴
 Gnathotrichoides, 94³
 Gnathotrichus, 340, 94,³ 71⁴
 Gnathusa, 127, 24¹
 Gnorimella, 263
 Gnorimus, 263
Gnostidae, 20²
 Gnostus, 20²
 Gnypeta, 123
 Gnypetella, 123, 23¹
 Gnypetoma, 123
 Goes, 281, 42²
 Golgia, 209
 Gonasida, 225
 Goniocloeus, 64⁴
 Goniocтена, 295
 Goniolophus, 74, 80³
 Goniotropis, 12⁴
 Goniusa, 115
 Gonocallus, 275
 Gonocephalum, 232
 Gonodera, 218
 Gononotus, 334, 51¹
 Gonops, 306, 47²
 Gonotropis, 307
 Gorginus, 35²
 Gracilia, 270
Graciliini, 270
 Grammoptera, 40²
Graphisurini, 283
 Graphisurus, 283, 43¹
 Graphoderes, 81, 18,¹ 15,² 17⁴
 Graphoderus, 17⁴
 Graphognathus, 67⁴
 Graphops, 292
 Graphorhinus, 313
 Graptodera, 300
 Graptodytes, 17⁴
 Gratiana, 304
 Gratusus, 204
 Griburiosoma, 307
 Griburius, 289
 Gronovus, 91
 Gronocarus, 39²
 Grylius, 260
 Grynocharis, 194
 Grypidius, 318, 362
 Grypus, 318
 Gyascutus, 179
 Gymnetina, 262
Gymnetini, 262
 Gymnetis, 262, 55⁴
 Gymnetron, 325, 362, 47,¹ 69⁴
 Gymnodus, 263
 Gymnopsyra, 57⁴
 Gymnopyge, 258
 Gymnusa, 112, 352, 21¹
Gymnusini, 112
Gynaecomelodides, 159
 Gynaecomeloe, 159, 25,² 33⁴
 Gynandrophthalma, 44,¹ 61⁴
 Gynandropus, 72, 80³
 Gynandrotarsus, 72, 80³
 Gynaptera, 141
 Gynapteryx, 159
 Gynnis, 255, 52⁴
 Gynopterus, 241, 49⁴
 Gyretes, 82
Gyrinidae, 81, 364, 18,¹ 15,² 81,³ 103,³ 18,⁴
 100⁴
Gyrinini, 82
Gyrinoidea, 81
 Gyrinus, 82, 364, 18,¹ 15,² 81,³ 18⁴
 Gyrohypnus, 105, 21¹
 Gyronycha, 113, 21¹
 Gyronychina, 113, 21¹
 Gyrophaena, 115, 352, 22¹
 Gyrotus, 329
Habrocerinae, 112
Habrocerini, 112
 Habrocerus, 112
 Habrolinus, 106
 Habroscelimorpha, 42
 Hadraula, 246
 Hadrobregmus, 242, 37,¹ 50⁴
 Hadromeropsis, 312
 Hadromerus, 312
 Hadrotes, 109
 Haematochiton, 201
 Haemonia, 286
 Haida, 94
 Halacritus, 138
 Halecia, 179
Halictophagidae, 344
Halictophagoidea, 344
Halictoxeninae, 343
 Halictoxenos, 343
Haliplidae, 75, 16,¹ 14,² 16⁴
 Haliphus, 75, 16¹ 14,² 16⁴
Hallomenini, 36¹
 Hallomenus, 238, 36¹
 Halobrechtha, 119
 Halobrechthina, 119
 Halophalerus, 232

- Haltica, 300, 360, 45,¹ 45,² 92³
 Halticidea, 296, 45¹
 Halticinae, 293, 43²
 Halticini, 300, 64⁴
 Hamaticherus, 268
 Hamaxobium, 187
 Hamletia, 299, 45¹
 Hammatomerus, 55
 Hammoderus, 281
 Hamotoides, 82³
 Hamotus, 132, 82³
 Hapalaraea, 94
 Hapalips, 201, 32,¹ 33²
 Hapalorhinus, 145
 Hapalosalia, 271
 Haplandrus, 235, 36¹
 Haplidus, 268, 40,¹ 91³
 Haplocentrus, 72, 80³
 Haplochile, 49
 Haploderus, 96
 Haploglossa, 125
 Haplophoria, 262
 Haplorhynchites, 85⁴
 Haplosalia, 40²
 Haplostethops, 50¹
 Haplostethus, 185
 Hapsida, 233
 Haptoncura, 195
 Haptoncus, 195
 Hargium, 271
 Harmonia, 217
 Harpali, 70
 Harpalinae, 49
 Harpalini, 70, 10²
 Harpalomerus, 70, 15¹
 Harpalophonus, 70
 Harpalus, 70, 350, 15,¹ 55,¹ 14,² 80,³ 99⁴
 Hartonymus, 72, 80³
 Hebestola, 281
 Hedobia, 241, 37¹
 Hedobiini, 241
 Heilipus, ix, 318, 93³
 Helesius, 212
 Helichus, 185, 355, 85,³ 44⁴
 Helluomorpha, 67
 Helluonini, 67
 Helmiidae, 186, 86,³ 45⁴
 Helminae, 30,² 31²
 Helmini, 186, 30²
 Helmis, 186, 31²
 Helobata, 85, 19,¹ 16²
 Helocerus, 191
 Helochares, 84, 19¹
 Helocombus, 85
 Helodes, 188, 31¹
 Helodidae, 188, 355, 31,¹ 30,² 31,² 86³
 Helodinae, 188
 Helopeltina, 85
 Helopeltis, 85
 Helophoridae, 16²
 Helophorinae, 83
 Helophorus, 83, 351, 18,¹ 16,² 18⁴
 Helopinae, 236, 48,⁴ 49⁴
 Helopini, 48⁴
 Helops, 236, 357, 36¹ 89,³ 49⁴
 Hemantus, 163
 Hemicallidium, 276, 42¹
 Hemicarabus, 10,² 77,³ 11⁴
 Hemichalepus, 64⁴
 Hemicyphon, 188
 Hemicoelus, 242
 Hemicrepidius, 170
 Hemierana, 44¹
 Hemiglyptus, 300
 Hemimedon, 103, 23⁴
 Hemipeplidae, 32,² 33,² 46⁴
 Hemipeplinae, 33²
 Hemipeplini, 200
 Hemipeplus, 200, 33² 46⁴
 Hemiphrynus, 300
 Hemiptychus, 243
 Hemiquedius, 109
 Hemirhipina, 167
 Hemirhipis, 167
 Hemisopalus, 71, 15¹
 Hemispilota, 259
 Hemistenus, 100
 Hemithecta, 114
 Hendecatomois, 50⁴
 Henoini, 24²
 Henoticus, 203
 Henous, 159, 36⁴
 Heptaphylla, 232
 Hermiophaga, 300
 Hesperobaenus, 198
 Hesperobaris, 327, 48¹
 Hesperobium, 101, 26⁴
 Hesperohipsis, 29,² 43⁴
 Hesperolinus, 106
 Hesperophanini, 268
 Hesperorhipis, 43⁴
 Hesperus, 108
 Hetaeriinae, 31⁴
 Hetaeriini, 31⁴
 Hetaeriomorphini, 31⁴
 Hetaerius, 137, 25,¹ 21,² 31⁴
 Heterachthes, 270, 41¹
 Heterarthron, 245, 37,² 50⁴
 Heterasida, 225
 Heteraspis, 292
 Heterelmis, 186, 45⁴
 Heterlimnius, 45⁴
 Heterobrenthus, 306
 Heteroceridae, 186, 31,¹ 30,² 46⁴
 Heterocerus, 186, 31,¹ 46⁴
 Heteroderes, 167, 29,¹ 83,³ 39⁴
 Heterodromia, 200
 Heteromorpha, 16⁴
 Heterophaga, 234
 Heteropromus, 227
 Heteropsini, 278
 Heterosilpha, 18,² 19⁴
 Heterostomus, 31¹
 Heterosternus, 17,¹ 16⁴
 Heterotarsinae, 236
 Heterothops, 109, 352
 Hetoemis, 281, 43¹
 Hexacolini, 337
 Hexarthrum, 335
 Hilara, 119, 22¹
 Hilarina, 121
 Hilarocassis, 304
 Hilipus, ix, 93³
 Himatinum, 334
 Himatium, 334
 Himatolabus, 48,² 93³
 Hippodamia, 215, 33,¹ 83,³ 47⁴
 Hippomelas, 179, 42⁴

- Hipposini**, 284
Hippopsis, 284
Hipporhinops, 55¹
Hippuriphila, 301, 92³
Hispinae, 303
Hister, 135, 25,¹ 21,² 31⁴
Histeridae, 134, 25,¹ 21,² 29⁴
Histerinae, 30⁴
Histerini, 31⁴
Histeropsis, 233
Histrinae, 135
Holaniara, 234
Holciophorus, 55, 9¹
Holeleodes, 48⁴
Holobus, 21¹
Holocephalus, 248
Holocnemis, 19¹
Hololepta, 134, 29¹
Hololeptinae, 134, 29¹
Holomallus, 32¹
Holopamecus, 207
Holopleura, 279
Holostilpna, 307
Holostrophus, 238
Holotricha, 52⁴
Holotrichia, 256
Holotrochus, 93, 98, 19²
Holozodini, 131
Homaeolabus, 309, 48²
Homaeosoma, 87, 19⁴
Homaeosthesis, 266
Homalium, 94
Homalota, 115, 352, 22¹
Homalotusa, 118, 22¹
Homaloxenus, 334
Homilops, 344
Homoeocryphalus, 340
Homoeolytrus, 18¹
Homoeosoma, 87
Homoeotarsus, 26¹
Homoeousa, 125, 24¹
Homophoeta, 299, 92³
Homophron, 16¹
Homovalgus, 264
Hoperius, 17¹
Hoplandria, 116, 22,¹ 23¹
Hoplia, 258, 358, 39,¹ 39,² 53⁴
Hopliini, 258
Hoplites, 75
Hoplocephala, 233
Hoplosia, 283, 43¹
Hoplostae, 233
Hoppingiana, 27,¹ 22,² 32⁴
Horia, 160, 29,¹ 35⁴
Horiides, 160
Horiinae, 24²
Horiini, 35⁴
Horistonotus, 175, 354, 85³ 42¹
Hormiscus, 306
Hormopini, 335
Hormops, 335, 51¹
Hormorini, 66⁴
Hormorus, 313, 361, 66⁴
Hornia, 160, 25² 35⁴
Horniini, 35⁴
Horologion, 78³
Horticola, 189
Hybodera, 275
Hybosorinae, 252
Hybosorus, 252
Hydaticinae, 81
Hydaticini, 81
Hydaticus, 81, 17⁴
Hydnobius, 88, 351, 19,¹ 19,² 81,² 20¹
Hydnocera, 150, 353, 28,¹ 23² 33⁴
Hydnocerinae, 23,² 33⁴
Hydnocerini, 150
Hydraena, 82, 18,¹ 16²
Hydraeninae, 82
Hydriomicrus, 51
Hydrium, 49, 9¹
Hydrobiini, 84
Hydrobius, 84, 351, 19,¹ 16²
Hydrocanthini, 76
Hydrocanthus, 76, 16,¹ 15²
Hydrochara, 81³
Hydrocharis, 94
Hydrochidae, 16²
Hydrochinae, 83
Hydrochus, 83, 351, 18,¹ 16²
Hydrocombust, 84
Hydrocycclus, 19,¹ 16²
Hydrogaleruca, 45¹
Hydronomi, 319
Hydrophilidae, 82, 351, 18,¹ 16,² 81,³ 18,⁴ 100⁴
Hydrophilinae, 83
Hydrophilini, 84
Hydrophilites, 351
Hydrophiloidea, 82, 16²
Hydrophilus, 84, 351, 19,¹ 16,² 81,³ 18⁴
Hydroporinae, 77
Hydroporini, 77
Hydroporus, 78, 351, 17,¹ 15,² 81,³ 16,⁴ 100⁴
Hydroscapha, 83
Hydroscaphinae, 83
Hydrosmeeta, 120, 23¹
Hydrosmeetina, 120, 23¹
Hydrothassa, 44²
Hydrotrupes, 79
Hydrous, 84, 16²
Hydrovatini, 77
Hydrovatus, 77, 16¹
Hygroecia, 120, 23¹
Hygronomini, 113, 21¹
Hygropora, 24¹
Hygrotus, 16⁴
Hylastes, 339, 363, 51,² 70⁴
Hylastinus, 338, 70⁴
Hylecoetus, 152
Hylesininae, 337, 70⁴
Hylesinini, 338
Hylesinus, 338
Hylis, 27,² 28²
Hylobiinae, 93³
Hylobiini, 317, 93³
Hylobiites, 362
Hylobius, 318, 362, 93,³ 68⁴
Hylochaeres, 176, 27²
Hylocrinus, 220, 34¹
Hylocurus, 52,¹ 53²
Hylophllidae, 165
Hylophilus, 165
Hylota, 126
Hylotrupes, 275, 359, 41¹
Hylurgopinus, 338, 70⁴
Hylurgops, 339, 363, 70⁴
Hymenorus, 218, 357, 34,¹ 88³

- Hypasclera, 154
 Hypatheta, 22¹
 Hypera, 316
 Hyperaspidium, 212, 33,¹ 47⁴
Hyperaspini, 211
 Hyperaspis, 211, 33,¹ 35,² 87,³ 47⁴
Hyperini, 316, 49²
 Hypermallus, 269, 40,¹ 56⁴
 Hyperodes, 317, 47,¹ 49²
 Hyperplatys, 283
 Hypexilis, 270
 Hypherpes, 55, 10,¹ 13⁴
 Hypnogyra, 105, 21¹
Hypnoidini, 171
 Hypnoidus, 171, 29,¹ 27,² 85,³ 41⁴
 Hypocaccus, 139, 21²
 Hypocoeliodes, 330
 Hypocoelus, 177, 28,² 85³
Hypocoprinae, 198
 Hypocoprus, 198, 32²
Hypocyphtini, 110
 Hypocyphtus, 110
 Hypocyptus, 110
 Hypodacne, 201, 34²
 Hypodeporanus, 85⁴
 Hypolampsis, 299
 Hypoleschus, 324
 Hypomedon, 104, 23⁴
 Hypomolyx, 318
 Hypophloeus, 234, 36,² 49⁴
 Hyporhagus, 238, 27,² 28,² 89³
 Hypostenus, 99
 Hypotelus, 93
 Hypothenemus, 339, 52,¹ 71⁴
 Hypotrichia, 254
Hyptiomi, 21¹
Hypulini, 37¹
 Hypulus, 239, 37,¹ 36²
 Ibidion, 270, 41,¹ 40²
Ibidionini, 270
 Ichnea, 151, 34⁴
 Idiobates, 235
 Idiopidonia, 40²
 Idiostethus, 328, 50⁴
 Idocemea, 268, 40,¹ 91³
 Idolia, 30⁴
 Ignotus, 189
 Ilendus, 204
 Iliotona, 135, 29⁴
 Illestus, 47⁴
 Ilybiosoma, 79
 Ilybius, 79, 15,² 17⁴
 Ilyobates, 114
 Ilyusa, 124
 Incolia, 238
 Inna, 67, 79³
 Ino, 199
 Inopeplus, 199
 Inoplectus, 199
 Involvulus, 85⁴
 Iotota, 120
Iphimeini, 292
 Iphthimus, 235, 36¹
Ipidae, 337
Ipinae, 337, 340
Ipini, 197, 340
 Ipochnus, 280
Ipoidea, 337
 Ips, 197, 341, 52,¹ 53,² 71⁴
 Irichroa, 43, 8,¹ 8,⁴ 9,⁴ 99⁴
 Isarthrus, 176
 Ischalia, 161, 29,¹ 25,³ 38⁴
Ischaliinae, 25²
 Ischiodontus, 174, 27,² 85³
 Ischiopachys, 288
 Ischnocerus, 306, 47²
 Ischnoglossa, 125
 Ischyryus, 201, 86,³ 46⁴
 Ishnocnemis, 280
 Isochara, 125, 24¹
 Isoclerus, 34⁴
 Isodacrys, 312, 46¹
 Isodrusus, 46¹
 Isoglossa, 127
 Isohontiphilia, 344
 Isohydnocera, 151, 23,² 33⁴
 Isolomalus, 137, 30⁴
 Isomalus, 93
 Isomira, 218, 357
 Isopentra, 35¹
 Isoplastus, 88, 21⁴
 Isorhipina, 262
 Isorhipis, 176, 27,² 23²
 Isostenia, 77³
 Isotachys, 54
 Isothea, 360
 Istor, 16⁴
Ithycerinae, 308
 Ithycerus, 308
Ithyropi, 331
 Ithytolus, 14⁴
 Ityocara, 127
 Jodema, 37¹
 Jonthonota, 304
Jubini, 127
Jubinini, 127
 Judolia, 272, 41,¹ 41²
 Kalissus, 92
 Katastylops, 343
 Knausia, 88³
 Knowltonia, 43⁴
 Korynetes, 28,¹ 34⁴
 Korynetinae, 28,¹ 23,² 34⁴
Kytorhininae, 93³
 Laasbium, 352
 Labidomera, 294, 62⁴
 Laccobius, 85, 351, 19¹
Lacconotinae, 25²
 Lacconotus, 240, 25,² 36²
Laccophilinae, 76
Laccophilini, 76
 Laccophilus, 76, 16¹
 Laccopygus, 362
 Lachnocrepis, 69, 80³
 Lachnodactyla, 188
Lachnophori, 64
 Lachnophorus, 64, 13,¹ 14⁴
 Lachnopus, 313, 361, 47¹
 Lachnosterna, 255, 52⁴
 Lacon, 167, 354
 Lactica, 300
Lacticini, 300
 Lado, 47⁴
 Laemophloeus, 199, 356, 32¹ 33²
Laemosaccini, 326
 Laemosaccus, 326
 Laemostenus, 11,¹ 78²
 Laemostenes, 11¹

- Laeninae, 236
 Lagochirus, 282
 Lagriidae, 237, 36,¹ 49¹
 Lagriinae, 49¹
 Lagriini, 237
 Lamiinae, 280, 42¹
 Lamiota, 118
 Lamperos, 236
 Lampetis, 179
 Lamprocerini, 141
 Lampromerus, 270
 Lampropterus, 59¹
 Lamprorhiza, 142
 Lamprosoma, 292
 Lamprosominae, 292, 43²
 Lampyridae, 141, 353, 26,¹ 21,² 31¹
 Lampyrini, 141
 Languria, 200, 32,¹ 33²
 Languriidae, 24,² 33²
 Languriinae, 200
 Langurites, 201
 Lapethus, 206, 47¹
 Lappus, 163
 Lara, 185, 31,² 45¹
 Laria, 304
 Laricobiidae, 202
 Laricobius, 202
 Laridae, 30²
 Larinae, 30,² 31,² 45¹
 Lasconotus, 205, 47¹
 Lasioderma, 242
 Lasiopus, 254
 Lasiotrechus, 13¹
 Latheticus, 234
 Lathridiidae, 207, 357, 33,¹ 34,² 87,³ 47⁴
 Lathridiini, 207
 Lathridius, 207, 34,² 87³
 Lathrimaeum, 94, 22¹
 Lathrium, 94, 352, 22⁴
 Lathrobia, 101
 Lathrobiella, 102, 25⁴
 Lathrobioma, 102, 25⁴
 Lathrobiopsis, 101, 25⁴
 Lathrobium, 101, 352, 20,¹ 20,² 25,⁴ 100⁴
 Lathrolepta, 102, 25⁴
 Lathropinus, 100
 Lathropus, 200
 Lathrotaxis, 102, 25⁴
 Lathrotropis, 102, 25⁴
 Lebasiella, 152, 34¹
 Lebia, 65, 13,¹ 55,¹ 79³
 Lebiini, 65
 Lecalida, 14¹
 Lechriops, 329
 Lecontea, 141
 Lecontella, 149, 23²
 Leontia, 161, 25²
 Lederia, 239
 Leichenini, 232
 Leichenum, 232, 36²
 Leiocnemis, 60
 Leiodes, 88, 19,¹ 19,² 81,³ 20,⁴ 21¹
 Leiodesidae, 20⁴
 Leiodidae, 17,² 19,² 81,³ 20⁴
 Leiodinae, 19²
 Leiodini, 19,² 20⁴
 Leiolinus, 106
 Leiomerus, 333
 Leionota, 135
 Leionotoxenus, 344
 Leionotus, 80
 Leiopeplus, 195
 Leiopus, 282, 43,¹ 60⁴
 Leironotus, 60
 Leistidius, 11²
 Leistotrophus, 109
 Leistus, 46, 8,¹ 11²
 Leja, ix
 Lema, 287, 359, 44,¹ 44,² 60⁴
 Lembodes, 332
 Lena, 104, 23⁴
 Lendomus, 32¹
 Leonia, 160, 25,² 35⁴
 Leonidea, 160, 25,² 35⁴
 Leperinini, 194
 Leperisinus, 333, 363, 70⁴
 Lepiarcha, 46⁴
 Lepidocricus, 314, 49²
 Lepidophorus, 316, 49,² 68⁴
 Lepidopus, 85,⁴ 67⁴
 Lepisomus, 338
 Leposoma, 315
 Leprotini, 292
 Leptacinodes, 106
 Leptacinus, 106, 352, 27⁴
 Leptacmaeops, 272, 41,¹ 41²
 Leptaegialia, 90,³ 50⁴
 Leptagria, 124
 Leptalia, 271, 57¹
 Leptarthrus, 322
 Leptidia, 59⁴
 Leptidiella, 59⁴
 Leptinidae, 86
 Leptinillus, 86
 Leptinotarsa, 294
 Leptinus, 86
 Leptipsius, 198
 Leptobamona, 113
 Leptodiridae, 19⁴
 Leptodirinae, 19⁴
 Leptoferonia, 56, 13,⁴ 14⁴
 Leptogenius, 105, 27⁴
 Leptohoplia, 53⁴
 Leptolinus, 106
 Leptomus, 39
 Leptophloeus, 199
 Leptopinae, 93³
 Leptopini, 93³
 Leptoplectus, 128
 Leptoremus, 162
 Leptorus, 104, 24¹
 Leptoschema, 168, 84³
 Leptoseydmini, 91
 Leptoseydmsus, 91
 Leptostilbus, 211
 Leptostylus, 282, 359, 43,¹ 42,² 60⁴
 Leptotrachelus, 65, 13,¹ 15⁴
 Leptotrichaltica, 46²
 Leptotrix, 301, 46²
 Leptovectura, 148, 32¹
 Leptura, 273, 359, 41,¹ 41,² 59⁴
 Lepturges, 283, 43,¹ 42²
 Lepturgoides, 282
 Lepturinae, 271
 Lepturini, 271, 40,² 41,² 57⁴
 Lepturoides, 169
 Lepturoidina, 169
 Lepturoidini, 168

- Leptusa, 114, 21¹
 Lepyrus, 316, 362, 49,² 68⁴
 Lesteva, 95
 Letznerella, 340
 Leucagonum, 12,¹ 14³
 Leuchydrium, 50
 Leucopaederus, 101, 26⁴
 Leucoparyphus, 111, 29⁴
 Leucorus, 104, 24⁴
 Lianema, 270
 Liaphlus, 16⁴
 Liasemum, 267, 91³
 Librodor, 197
 Liburnelenchus, 344
 Lichenophanes, 244, 245
 Lichminus, 192
 Lichnanthe, 253, 90,³ 51⁴
 Lichnocarabus, 10,² 10⁴
Licinini, 62, 78³
 Licinus, 62, 11¹
Liesthini, 209
 Ligniperda, 265
 Ligyrodes, 260, 39,¹ 54⁴
 Ligyus, 260, 358, 39,¹ 40,² 54⁴
 Lilius, 84³
 Limalophus, 361
Limnebiidae, 16,² 81,³ 18⁴
Limnebiinae, 83
 Limnebius, 83, 16,² 81³
Limnichidae, 44⁴
Limnichinae, 192, 44¹
Limnichini, 192
 Limnichites, 192, 44⁴
 Limnichoderus, 192
 Limnichus, 192
 Limnius, 186, 31,² 86,³ 45⁴
 Limnobaris, 328, 50²
 Limnobaropsis, 50¹
 Limnocarabus, 10⁴
 Limnocharis, 83
 Limonius, 168, 354, 27,² 83,³ 39⁴
 Limulodes, 133
Limulodinae, 133
 Lina, 295, 45,¹ 45,² 92³
 Lindorus, 214
 Linogeraeus, 49¹
 Linolathra, 102, 25⁴
 Linonotus, 328
 Liobauius, 163
 Liocellus, 80³
 Liocnemis, 60
 Liocosmius, 50
 Liodema, 233
 Lioderma, 135
 Liodes, 88, 20,⁴ 21⁴
 Liodicaelus, 62
 Liogluta, 118
 Liolepta, 335
 Lioligus, 192
 Liometophilus, 333
 Lionepha, 49, 9¹
 Lionota, 135
 Lionothus, 21¹
 Lioon, 193
 Lioonini, 193
 Liophloeus, 316
 Liopterus, 17⁴
 Liopus, ix, 282
 Liozoum, 241
 Liparetrini, 254
Liparini, 93³
 Liparocephalus, 114
 Liparus, 313
 Lipodonta, 22¹
 Lirus, 61
Lispini, 93
 Lispinus, 93, 20¹
 Lissagria, 124
 Lissobiops, 101, 26⁴
 Lissohypnus, 105
 Lissomelas, 263, 55⁴
 Lissomini, 177
Lissonotini, 280
 Lissonotus, 280
Lissorhoptrinae, 48²
 Lissorhoptrus, 320, 48²
 Listemus, 191
 Listotrophus, 109
 Listrimorpha, 27¹
 Listrochelus, 257, 358, 39,¹ 91,³ 52⁴
 Listroderes, 316, 47,¹ 49,² 68⁴
Listroderi, 316
 Listromimus, 147, 32⁴
 Listromorpha, 27,¹ 32⁴
 Listronotus, 316, 362, 47,¹ 49,² 93³
 Listropsis, 27,¹ 32⁴
 Listrus, 147, 27¹ 22,² 82,³ 32⁴
 Litargellus, 204
 Litargus, 204
 Lithelcodes, 227
Lithochares, 103
 Lithocharis, 103, 352, 23⁴
 Lithocharodes, 106
 Lithocoryne, 356
 Lithodus, 333
 Lithomacratia, 354
 Lithophorus, 206
 Lithophthorus, 363
 Litochropus, 211
 Litochrus, 211
 Litodactylus, 94,³ 69⁴
 Litolathra, 101, 25¹
 Litolibrus, 210
 Litorimus, 186
 Littorimus, 46⁴
 Lixellus, 320
 Lixus, 325, 47,¹ 50,² 69⁴
 Loberus, 202
 Lobetus, 144
 Lobiopa, 196, 46⁴
 Lobogestoria, 205
 Lobometopon, 221, 34¹
 Lobopoda, 218
 Lobosoma, 68⁴
 Lobrathium, 102, 25⁴
 Loceptes, 320, 69⁴
 Lochmaea, 45¹
 Lochmaeocles, 284, 43¹
 Locrodes, 220, 34¹
 Loganius, 337
 Lomechusa, 115
 Longipeltina, 127
 Longitarsus, 302, 46,¹ 46²
 Lopha, 52
 Lophalophus, 316, 68⁴
 Lopheros, 140
Lophiderini, 89
 Lophiderus, 89

- Lophmacocles, 284, 60¹
 Lophocateres, 194
 Lophoglossus, 58
 Lophomucter, 22¹
 Lophopoeum, 283
 Lophopogonius, 60¹
 Loricera, 46, 350, 8,¹ 10,² 78,³ 99⁴
 Loricerini, 46
 Lorinota, 124
 Lorocera, 46, 10²
 Loxandrus, 59, 10,¹ 13,² 14¹
 Loxopeza, 65, 13¹
 Lucanidae, 264, 359, 39,¹ 40,² 91,³ 55⁴
 Lucaninae, 264
 Lucanus, 264, 359,
 Lucidota, ix, 141, 353
 Lucidotini, 141
 Ludiina, 169
 Ludiophanes, 354
 Ludius, 169, 172, 354, 364, 29,¹ 27,² 84,³ 39⁴
 Lumetus, 18⁴
 Luperaltica, 301, 46¹
 Luperalticini, 301
 Luperini, 297, 45¹
 Luperodes, 297, 360, 45,¹ 45²
 Luperus, 297, 45,¹ 92²
 Lupinocolus, 66¹
 Lutrochites, 355
 Lutrochus, 185, 44¹
 Lycaina, 140
 Lychnuris, ix
 Lyci, 140
 Lycidae, 140, 353, 21,² 31⁴
 Lycoperdina, 209
 Lycoperdinini, 209
 Lycoptis, 194
 Lycostomus, 140
 Lyctidae, 245, 38,¹ 50⁴
 Lyctini, 245
 Lyctopholis, 246
 Lyctoxylon, 246
 Lyctus, 245, 38¹
 Lycus, 140
 Lygerus, 144
 Lygisteri, 140
 Lygisterus, 140
 Lymantes, 334
 Lymantides, 334
 Lymantor, 342
 Lymexylidae, 152, 353
 Lymexyloidea, 152
 Lymexylon, 152
 Lymexylonidae, 152
 Lymnaeum, ix
 Lymnastes, 54
 Lymneops, ix, 53, 9¹
 Lyperopherus, 57
 Lyperostenia, 77³
 Lyphia, 234
 Lypglossa, 24¹
 Lypsimena, 284, 60⁴
 Lyrosoma, 87
 Lyrosomini, 87, 17,² 18,² 19⁴
 Lystronychus, 219
 Lytopeplus, 47¹
 Lytta, 157, 158, 354, 24² 36⁴
 Lyttidae, 157
 Lyttides, 157
 Lyttinae, 24²
 Lyttini, 157, 24,² 36⁴
 Machaerodes, 131
 Machlotes, 206
 Macrancylus, 334
 Macranoxia, 257
 Macratraia, 162, 354
 Macratrini, 162
 Macreurops, 198
 Macrobasis, 158, 29,¹ 24,² 35,⁴ 38⁴
 Macroductylini, 257
 Macroductylus, 258, 358
 Macrodeca, 32¹
 Macrodytes, 18¹
 Macrolampis, 141
 Macromerus, 333
 Macronaemia, 215
 Macronychus, 186, 45⁴
 Macroplaea, 286
 Macropodina, 263, 55⁴
 Macropogon, 187, 31,² 46⁴
 Macropogonini, 187
 Macrops, 317
 Macrorhoptus, 322, 362
 Macrorhyncholus, 335
 Macrosiagon, 156, 353, 28,¹ 24²
 Macrotelus, 148, 33⁴
 Macroterma, 118, 22¹
 Macrotomini, 265, 56⁴
 Macrovatellus, 76
 Madarellus, 327, 48¹
 Madarus, 327
 Magdalini, 321
 Magdalinops, 322
 Magdalis, 321, 362, 68⁴
 Malachiidae, ix, 145
 Malachiinae, 145, 32⁴
 Malachus, 145, 353, 26,¹ 22,² 82,³ 32⁴
 Malacopterus, 268
 Malacorhinus, 298
 Malacosoma, 298
 Mallodon, 265, 56⁴
 Mallodrya, 238
 Mallodryini, 238, 29¹
 Malobidion, 270, 41¹
 Malporus, 163
 Malthacus, 143
 Malthini, 144
 Malthinus, 144
 Malthodes, 144, 26¹
 Malthophia, ix, 268
 Mannophorus, 280
 Mantura, 301
 Maphoca, 247
 Margarinotus, 137, 31⁴
 Marginus, 202
 Margus, 49⁴
 Marolia, 239
 Maronetus, 43, 77,³ 10⁴
 Maseochara, 125, 24¹
 Masteutes, 360
 Mastinocerini, 142, 21²
 Mastinocerus, 142, 21²
 Mastogeniini, 185
 Mastogenius, 185, 31,¹ 44⁴
 Mastoremus, 162
 Matheteus, 141
 Matini, 80
 Matus, 80
 Mecas, 285, 43¹

- Mecini**, 325
Mecocer, 219
Mecomyc, 148, 23,² 32¹
Meconemus, 47²
Mecopeltus, 331
Mecotetartus, 282
Mecynocera, 344
Mecynopyga, 324
Mecynotarsus, 163
Mecysmus, 231
Medon, 103, 23¹
Medonella, 103, 23¹
Medones, 103
Medonodonta, 103, 24¹
Megacephala, 7¹
Megacephalina, 40
Megacephalini, 39, 40
Megacheuma, 42¹
Megachronus, 111
Megacyllene, 276, 91³
Megaderini, 280
Megaderus, 280
Megadytes, 81
Megaleptura, 273
Megaliridia, 8,¹ 8¹
Megalodacne, 201
Megalops, 98
Megalopsidia, 98, 20¹
Megalopsidiini, 98
Megalostomini, 288
Megalostomis, 288
Megalostylus, 59
Megapangus, 70, 15¹
Megapenthes, 173, 354, 84,³ 41⁴
Megaquedius, 110, 82³
Megarafonus, 127
Megarthrus, 93
Megasattus, 229, 35¹
Megascelinae, 287
Megascelis, 287
Megasemum, 56⁴
Megasida, 226
Megasona, 261, 55¹
Megasominus, 261, 55⁴
Megasternum, 86
Megasteropus, 57
Megastilicus, 104, 24⁴
Megataphrini, 205
Megataphrus, 205
Megathopa, 248
Megatoma, 189
Megatomini, 190
Megeleates, 232
Megetra, 159, 38¹
Megilla, 215, 33¹
Megista, 118
Megobrium, 275
Megodontes, 11⁴
Megomus, 39
Megorama, 243
Melagria, 124
Melamomphus, 311
Melamorphus, 66⁴
Melanactes, 171, 354, 85³
Melanactini, 171
Melanagonum, 12,¹ 14⁴
Melanalia, 125, 24¹
Melanastus, 221, 36²
Melandrya, 239, 36,¹ 37,¹ 36²
Melandryidae, 238, 358, 36,¹ 37,¹ 55,¹ 34,² 36,² 104,³ 38,⁴ 49⁴
Melandryini, 239, 37¹
Melaneleodes, 48¹
Melaneodes, 227, 35¹
Melanius, 13,² 14¹
Melanolemma, 85¹
Melanophila, 181, 355, 30,¹ 29,² 85,³ 43¹
Melanophthalma, 208
Melanotaerius, 137
Melanotini, 174
Melanotus, 174, 29,¹ 27,² 85,³ 42⁴
Melasidae, 176, 355, 30,¹ 27,² 28,² 80,³ 42⁴
Melasinae, 27²
Melasini, 176
Melasis, 176, 27,² 28,² 42⁴
Melasoma, 295, 45,¹ 92³
Melasomida, 45¹
Melba, 128
Melbonus, 311, 66⁴
Meligethes, 195, 32²
Meligethinae, 195
Melittomma, 152, 353
Meloe, 157, 159, 25,² 37¹
Meloidae, 157, 354, 29,¹ 24,² 82,³ 35⁴
Meloidea, 24²
Meloides, 159
Meloinae, 157, 24,² 35¹
Meloini, 159
Melolontha, 52⁴
Melolonthinae, 253
Melolonthini, 254
Melolonthites, 104³
Melomalus, 50
Melyridae, ix, 145, 353, 26,¹ 22,² 37,² 82,³ 32⁴
Melyrinae, 146, 23,² 32¹
Melyrini, 148, 32¹
Melyris, 148
Melyrodes, 148, 23²
Menedrio, 235
Mengeidae, 343
Mengeoidea, 343
Menidius, 79³
Menoecus, 218
Menovectura, 82,³ 32⁴
Meotica, 119, 21,¹ 23¹
Meracantha, 237, 357
Meracanthinae, 237
Merhynchites, 308, 93³
Merinus, 235
Meristhus, 167
Merium, 276
Merona, 123
Meronera, 123, 23¹
Merophysini, 207
Merotemnus, 234
Mesagroicus, 49,² 67¹
Mesauletes, 85⁴
Mesites, 334
Mesocarabus, 10,⁴ 11⁴
Mesomphalia, 304
Mesosini, 281
Mesostenus, 100
Metablapyllis, 228
Metabletus, 66, 14,¹ 79³
Metabola, 79³
Metachroma, 293, 359, 45,¹ 44²
Metachromini, 293

- Metaclisa, 233
 Metacolaspis, 293
 Metacycla, 298
Metacyclini, 298
 Metaleptus, 279
 Metamasius, 335, 51¹
 Metamelanius, 13²
 Metaparia, 292
 Metaxya, 119, 23¹
 Metaxyodonta, 103, 23¹
 Metaxyonycha, 292
 Methia, 268, 40,¹ 40,² 91,³ 56⁴
Methiini, 268
Methlini, 15²
 Methydrus, 19¹
 Metonius, 184
 Metopthalmus, 207
 Metopoloba, 222
 Metopon, 85¹
 Metoponcus, 106
 Metoponiopsis, 220
 Metoponium, 219, 34¹
 Metopotoma, 334
Metriini, 47
 Metriona, 304, 46,¹ 47²
 Metrius, 47, 11²
 Mezius, 240
 Miarus, 325, 47¹
 Miccotrogus, 320
 Michthysoma, 278
Michthysomini, 278
Micracinae, 339
 Micracis, 339, 51¹
 Micracisella, 53²
 Micracisoides, 52¹
 Micraedus, 95
 Micraegialia, 90³
 Micragonum, 12¹
 Micragra, 67
 Micralcinus, 332, 51²
 Micralymma, 94, 20¹
 Micranobium, 241, 243
 Micrapate, 244, 245
 Micratheta, 119
Micratopini, 54
 Micratopus, 54
 Micrearota, 119
 Micridium, 132
 Micrixys, 49
 Microbaris, 327
 Microbregma, 242
 Microcallidium, 276
 Microcara, 188
 Microcholus, 328
 Microclytus, 278, 91³
 Microcylloepus, 45⁴
 Microcyptus, 110, 28¹
 Microdonia, 116
 Microdota, 118, 22,¹ 23¹
 Microedus, 95
 Microglossa, 125
 Microglotta, 125
 Microgoes, 281
 Microhyus, 332
 Microlathra, 102, 25¹
 Microlestes, 14,¹ 79³
 Microlia, 122
 Microlinus, 106
 Microlipus, 146, 22²
 Microlymma, 94
Micromalthidae, 153
 Micromalthus, 153
 Micromaseus, 58, 10,¹ 13²
 Micromastus, 333
 Micromedon, 23¹
 Micromelomalus, 50, 9,¹ 12⁴
 Micromes, 222
 Micromota, 121
 Micronaemia, 215
Micropeplinae, 92
 Micropeplus, 92
 Microphotus, 141
 Microrhagus, 176, 355, 28²
 Microrhopala, 303, 46,² 64⁴
 Microrutela, 54¹
 Microsaurus, 109
 Microscapha, 239, 36²
 Microschatia, 224
 Microscydmus, 19¹
 Microsicus, 47¹
 Microsporidae, ix
 Microsporus, 133
 Microstemma, 91
 Microsternus, 201
 Microtachys, 54
 Microtonus, 239
 Microtrechus, 12,² 78³
 Microtychius, 321
 Microweisea, 213, 87³
Microweiseini, 213, 87³
 Microzogus, 241
 Micrurula, 196
 Miloderes, 311, 85¹
 Miloderoides, 85⁴
 Mimetes, 154, 311, 313, 67⁴
 Minthea, 246
 Minturnia, 288
 Minyomerus, 312, 46¹
 Miocaenia, 353
 Miocyphon, 355
 Miodytiscus, 351
 Miogeraeus, 363
 Miolachnosterna, 358
 Miolithocharis, 352
 Miophenolia, 356
 Miosilpha, 351
 Miostenosis, 357
 Miscodera, 68, 15⁴
 Mitostylus, 313, 66¹
Mniophilini, 300
 Molamba, 92
Molorchini, 275
 Molorchus, 275, 42,² 91³
 Molosoma, 98
 Moluciba, 123
 Momonus, 324
 Monachus, 290
Monachulini, 290
 Monachusulus, 290, 44,² 61⁴
 Monadia, 121
 Monamus, 33²
 Monarthrum, 339
Moneilemini, 280
 Moneilema, 280, 42,¹ 42,² 59⁴
 Monesoma, 193
 Monilema, 280
 Monillipatrobus, 12⁴
 Monius, 319

- Monobiaphila, 344
 Monocerus, 162
 Monocesta, 296, 45¹
Monochamini, 281
 Monochamus, 281, 43,¹ 59⁴
Monocrepidina, 167
 Monocrepidius, 167, 354, 27,² 83,³ 39¹
Monocedidae, 206
 Monoedus, 206
 Monoferonia, 57, 10,¹ 78³
 Monohammus, 281
 Monolepta, 293, 92³
Monoleptini, 45¹
Monommidae, 238, 27,² 28,² 89³
Mononychi, 330
Mononychini, 51²
 Mononychus, 330
 Monophylla, 148, 33¹
Monoplati, 299
Monoplatini, 299
 Monoplesa, 59¹
 Monotoma, 197, 32²
Monotomidae, 197, 32²
Monotominae, 197, 33²
 Monoxia, 296, 45,¹ 92,³ 62⁴
 Mordella, 155, 353, 28,¹ 55¹
Mordellidae, 154, 353, 28,¹ 55,¹ 24,² 34¹
Mordellini, 154, 24²
 Mordellistena, 155, 353, 28,¹ 34¹
Mordellistenini, 24²
Mordelloidea, 153
 Morio, 49
 Morion, 49, 11²
Morionini, 49
 Morius, 128
 Morizus, 339
 Morychus, 191, 86³
 Motschulskium, 132
 Mulsantina, 87,³ 88³
Murmidiidae, 206, 34,² 47⁴
Murmidiinae, 34²
Murmidiini, 34²
 Murmidius, 206
 Mutinus, 99
 Myas, 55, 350, 12²
 Mycetaea, 209
Mycetaeidae, 209, 35,² 47⁴
Mycetaeini, 209
 Mycetina, 209, 33¹
 Mycetochara, 219, 35²
 Mycetochares, 219
 Mycetocharis, 219
 Mycetocharus, 219
Mycetophagidae, 204, 357, 32,¹ 34²
Mycetophagini, 204
 Mycetophagus, 204, 357
 Mycetophila, 219
 Mycetoporus, 112, 352, 21¹
Myhocerini, 34²
 Myhocerus, 206, 34²
 Mycotretus, 201
 Mycotrogus, 234, 35¹
 Mycotrupes, 252
 Mycterellus, 37¹
Mycterinae, 25²
Mycterini, 240, 36,¹ 37¹
 Mycterinus, 37¹
 Mycterus, 240, 25,² 38⁴
 Myeloborus, 53²
 Myelophilus, 339
Mylabridae, 304, 360, 43,² 47,² 93,³ 64⁴
Mylabrini, 157
 Mylabris, 304, 360, 47²
Mylabroidea, 304
 Mylacus, 315
 Myllaena, 113, 21¹
Myllaenini, 113
 Myllocerus, 67⁴
 Myloechus, 20⁴
Myochroini, 293
 Myochrous, 293, 92,³ 62⁴
 Myocoryna, 294
 Myodes, 157
 Myodites, 157
 Myrmeceicon, 263
Myrmexichineni, 204
 Myrmexichenis, 204
 Myrmecochara, 125
 Myrmecopora, 124
 Myrmecoxenus, 204, 34²
 Myrmedonia, 116, 22¹
Myrmedoniini, 115
 Myrmex, 47,¹ 49,² 93³
 Myrmobiota, 125
 Myrmoecia, 116
 Mysia, 217
 Mystaxis, ix
 Mystaxus, ix, 239
 Nacerda, 154
 Nacerdes, 154
Nacerdini, 153
 Naemia, 215
 Namunaria, 34²
 Nanodactylus, 47¹
 Nanophyes, 325
 Nanops, 324
 Nanosella, 132, 25¹
 Nanosellinae, 25¹
 Nanularia, 179
 Nanus, 334
 Napochus, 19¹
 Narpus, 185, 45¹
Nartheciinae, 33²
 Narthecius, 199
 Nasirema, 127, 24¹
 Nathicus, 163
 Nathrenus, 190
 Naupactus, 67⁴
 Nausibius, 199
 Nautes, 236
 Neada, 122
 Neandra, 265
 Neaphaenops, 9,¹ 12²
 Neatus, 235
 Nebria, 46, 350, 8,¹ 10,² 11,² 78,³ 12⁴
Nebriini, 46
 Nebriola, 11,² 12⁴
 Nebrioporus, 17⁴
 Necrobia, 152, 353, 34⁴
 Necrobora, 87, 18²
 Necrocharis, 19,¹ 17,² 18⁴
 Necrodes, 87, 351, 18²
 Necrophila, 18²
 Necrophilus, 87, 19⁴
Necrophorini, 18⁴
 Necrophorus, 86, 17,² 18⁴
 Necropter, 18⁴
Necydalini, 275

- Necydalis, 275, 41,¹ 91³
 Nefoncerus, 51⁴
 Negalius, 159, 38¹
 Neichnea, 151
 Neladius, 90
 Neleus, 265, 56⁴
 Nelites, 233
 Nemadus, 19⁴
 Nematidii, 206
 Nematidium, 206, 34²
 Nematodes, 176, 27²
 Nematognatha, 35⁴
 Nematolinus, 106
 Nematoplina, 162
 Nematoplus, 162
 Nematotarsini, 79³
 Nemicelus, 200
 Nemocestes, 68⁴
 Nemognatha, 160, 354, 35⁴
 Nemognathides, 160
 Nemognathinae, 24,² 35⁴
 Nemognathini, 24²
 Nemophilus, 337
 Nemonus, 85¹
 Nemosinus, 51¹
 Nemosoma, 193
 Nemota, 119
 Nemotarsus, 65
 Nemozoma, 193, 31¹
 Neobactus, 26⁴
 Neobaphion, 36,² 48⁴
 Neobellamira, 41,² 53⁴
 Neobisnius, 106
 Neobium, 242
 Neobrotica, 297
 Neocarabus, 77³
 Neoceble, 21⁴
 Neoceletes, 140
 Neoclytus, 277, 42,¹ 42,² 91,³ 59⁴
 Neocyclus, 44, 8,¹ 9,⁴ 10⁴
 Neocyrtusa, 21⁴
 Neoelmis, 45⁴
 Neogastrallus, 49⁴
 Neoemmesa, 36²
 Neoharmonia, 216, 33,¹ 88³
 Neohedobia, 37¹
 Neohydrophilus, 19¹
 Neomastix, 324
 Neomedon, 103, 23⁴
 Neomida, 233
 Neomysia, 217, 33¹
 Neopaederus, 26⁴
 Neopanscopus, 312, 66⁴
 Neopatrobis, 13⁴
 Neophorus, 81³
 Neopolyarthron, 266, 40¹
 Neoptochus, 314
 Neopyrochroa, 161
 Neostylops, 343
 Neothanes, 349
 Neotomicus, 341
 Neotrichophorus, 29¹
 Nephanes, 133, 25,¹ 20²
 Nesostes, 229
 Nestra, 64
 Nicagus, 265
 Nicentrus, 328, 49¹
 Nicobium, 242, 49¹
 Nicotheus, 129
 Nicrophorus, 17,² 18⁴
 Niptinus, 240
 Niptus, 240
 Nipus, 213
 Nisa, 130
 Nisaxis, 130
 Nitidula, 195, 356, 46¹
 Nitidulidae, 194, 356, 31,¹ 32,² 86,³ 46⁴
 Nitidulinae, 195
 Nitidulini, 195
 Nocheles, 312, 48,² 66⁴
 Nocibiotes, 231
 Noctophus, 89
 Noda, 292
 Nodonota, 292, 44,¹ 45,² 61⁴
 Nomaretus, 43, 349, 10⁴
 Nomaspis, 160, 29,³ 36⁴
 Nomidus, 312, 48,² 66⁴
 Nomiini, 49
 Nomius, 49, 11²
 Nomophloeus, 198
 Noserus, 223
 Nosodendridae, 30²
 Nosodendrinae, 191
 Nosodendron, 191, 356
 Nosodermini, 223
 Nosodes, 194
 Nosora, 122, 23¹
 Nosotetocus, 356
 Nossidium, 132
 Notaphus, 51, 9,¹ 12⁴
 Notaris, 318, 362, 47,¹ 49²
 Noteridae, 15²
 Noterinae, 76
 Noterus, 15²
 Nothodes, 168, 83³
 Nothopleurus, 265
 Nothopus, 70, 350, 80³
 Nothorhina, 267, 40,¹ 56⁴
 Nothoxus, 162
 Nothrus, 270
 Nothus, 240
 Notibius, 231
 Noterinae, 76
 Notiophilini, 46
 Notiophilus, 46, 8,¹ 10²
 Notolomus, 318
 Notomicrini, 76
 Notomicrus, 76, 16¹
 Nototaphra, 116
 Notoxus, 162, 26,² 83,³ 33,⁴ 38¹
 Notoxys, 162
 Novelsis, 189
 Noverota, 120
 Noviini, 214
 Novius, 214, 87³
 Nudobius, 105
 Numitor, 362
 Nyctaea, 187
 Nycteus, 187
 Nyctobates, 235
 Nyctoporini, 224
 Nyctoporis, 224, 89³
 Nyssodryis, 282
 Nyssodryisina, 282
 Nyssonotus, 335
 Oberea, 285, 43,¹ 42²
 Oberonus, 185, 44⁴
 Oberopa, 285

- Oabriini**, 270
Obrium, 270, 41,¹ 57⁴
Ocalea, 127
Ochodaeinae, 251
Ochodaeus, 251, 39²
Ochrolitus, 211
Ochrosanis, 200
Ochrosidia, 260, 39,² 54⁴
Ochthebius, 82, 18,¹ 16,² 81,³ 18⁴
Ochthedromus, 49, 9¹
Ochtheophilus, 95
Octinodes, 166, 83³
Octotemnus, 247, 50⁴
Octotoma, 303
Ocypus, 108
Ocyusa, 126
Odacanthella, 14,² 79,³ 15⁴
Odacanthini, 65, 14²
Odontaeus, 252, 39²
Odontium, 49, 9¹
Odontocorynus, 328, 49¹
Odontognathus, 54⁴
Odontomus, 182
Odontonyx, 187
Odontopus, 324
Odontosphindus, 246
Odontota, 303
Oedemeridae, 153, 353, 23²
Oedemerinae, 153
Oedemerini, 154
Oedionychini, 299
Oedionychis, 299, 45,¹ 45²
Oedostethus, 171
Oeme, 268, 40,¹ 40,² 91,³ 56⁴
Oemini, 268
Oeneini, 214
Oeneis, 214
Oestodes, 171
Oestodini, 171
Oiceoptoma, 18²
Oidini, 45¹
Oistus, 167
Olibri, 210
Olibroporus, 210
Olibrus, 210, 35²
Oliganomala, 106
Oligolinus, 106
Oligolochus, 328, 93³
Oligomerodes, 241, 37¹
Oligomerus, 241, 358, 37¹
Oligomia, 121
Oligopterus, 103, 23⁴
Oligota, 113, 21¹
Oligotini, 113
Oligurota, 114
Olisthaerus, 93
Olistherus, 210
Olisthopus, 64
Olla, 216, 33,¹ 87,³ 88³
Ologlyptus, 224
Olophrum, 94, 352, 22,⁴ 100⁴
Omala, ix
Omalinae, 93, 16,² 18²
Omalisus, 140
Omalium, 94, 352
Omalodes, 136, 31⁴
Omaseulus, 13²
Omaseus, 58, 10,¹ 13,⁴ 14⁴
Omegalia, 120
Omethes, 142
Omethini, 142, 21²
Omius, 315, 67⁴
Omileus, 313, 361
Omina, 39
Omonadus, 163
Omophlinae, 219
Omophon, 75
Omophonidae, 75, 16,¹ 14²
Omophonini, 14²
Omorgus, 253
Omoschema, 23¹
Omosiphora, 196
Omosita, 196
Omostilicus, 104, 24⁴
Omus, 39, 7,¹ 9,² 7¹
Oncerinae, 51⁴
Oncerus, 253, 51⁴
Oncideres, 284, 43¹
Onciderini, 284
Oniticellus, 249
Onota, 67
Ontholestes, 109, 352
Onthophagus, 248, 38,¹ 38,² 50⁴
Onthophilus, 137, 29¹
Onychobaris, 327, 48¹
Onychotrupes, 252
Onychylis, 320
Oochila, 224
Ooconibius, 231
Oodes, 69, 364, 80³
Oodiellus, 69
Oodiini, 69
Oodini, 78³
Oodinus, 69
Oomorphidius, 328, 50¹
Oomorphus, 292
Oophorus, 167
Oopterus, 321
Oosternum, 85
Opadius, 70, 14,¹ 80³
Opatrinae, 232
Opatrinus, 231
Opatrumini, 232
Opetiopalpus, 152, 34⁴
Opetiopselaphus, 152, 34⁴
Opheltes, 265
Ophionea, 13¹
Ophiooma, 21¹
Ophistomis, 273, 274, 58⁴
Ophonus, 71
Ophraea, 296
Ophryastes, 311, 361
Ophryastini, 311, 93³
Ophryastites, 361
Ophthalmochlini, 344
Ophthalmochlus, 344
Opilo, 149, 33⁴
Opilus, 149, 33⁴
Opisthiini, 46
Opisthius, 46
Opresini, 90
Opresus, 90
Opsimus, 267, 40,¹ 56⁴
Opuntiaphila, 333
Ora, 188
Orchesia, 238, 36¹
Orchesiini, 238, 36¹
Orchestes, 324, 362, 50,² 68⁴

- Orchestomerus, 330
 Orchestris, 302
 Orchidophilus, 69¹
 Orcus, 217
 Orectis, 304
Orectochilini, 82
 Oreocarabus, 77,³ 11⁴
 Oreochara, 124
 Oreodytes, 17,¹ 15,² 17⁴
 Oreosphaerula, 19,³ 21⁴
 Oreostiba, 120
 Orestia, 64⁴
 Orestioides, 64¹
 Orimodema, 311
 Orinocarabus, 11⁴
 Orizabus, 261, 39,¹ 54⁴
 Ormiscus, 306, 360, 47²
 Orobanus, 95, 22¹
 Orochares, 94
Orophiinae, 247
 Orophius, 247
 Oropodes, 128
 Oropus, 129
Orphilini, 191
 Orphilus, 191, 356
 Orsodacna, ix
 Orsodacne, ix, 287
Orsodacnidae, 43²
Orsodacninae, 287, 43²
 Orsonjohnsonus, 13⁴
 Orsonyx, 254
 Orthagria, 124
 Orthaltica, 301
Orthocerini, 47⁴
 Orthocis, 247
 Orthodiatelus, 22¹
 Ortholeptura, 271, 41³
 Orthoepelus, 196
Orthoperidae, 91, 20,¹ 19²
Orthoperini, 91
 Orthoperus, 91, 20,¹ 25,¹ 19,² 21³
 Orthopleura, 152, 34⁴
Orthopleurinae, 23²
 Orthoptochus, 315
 Orthoris, 327, 48¹
 Orthosoma, 266, 39¹
 Orthostethus, 172, 29¹
 Orthostibia, 34¹
 Orthotomicus, 341
 Orus, 104, 24¹
Oryctini, 260, 261
 Oryctorhinus, 363
 Oryctoscirtetes, 360
 Oryzaephilus, 198
 Osmidus, 268, 40,¹ 56⁴
 Osmoderma, 263, 39,¹ 55⁴
Osoriini, 98
 Osorius, 98, 20,¹ 20²
 Osphya, 240, 36²
Osphyinae, 37¹
Osphyini, 240
 Ostoma, 194, 356, 31¹
Ostomatidae, 32,² 37²
Ostomidae, 193, 356, 31,¹ 86³
Ostomini, 194
 Ostomodes, 194
 Othii, 106
 Othismopteryx, 47⁴
 Othius, 106
Othniidae, 152, 28¹
 Othnius, 152
Otidocephalini, 321
 Otidocephalus, 321, 47,¹ 49²
Otiorhynchinae, 310, 85⁴
Otiorhynchini, 314
 Otiorhynchites, 361, 104³
 Otiorhynchus, 314, 67⁴
 Ousipalia, 121
 Oxacis, 154, 23²
 Oxelytrum, 18,² 19⁴
 Oxoplus, 279, 42¹
 Oxycnemus, 196
 Oxycrepis, 13²
 Oxydrepanus, 12¹
Oxygonini, 302
 Oxygonodera, 222
 Oxygonus, 172, 354
 Oxygryllus, 261
 Oxylaemus, 206
 Oxymedon, 103, 23¹
 Oxynychus, 211, 87³
 Oxyomus, 250, 358
 Oxypoda, 126, 24¹
Oxypodini, 21,¹ 22,¹ 23¹
Oxyporinae, 110
Oxyporini, 110
 Oxyporus, 110, 352, 100⁴
 Oxypselaphus, 79,³ 14⁴
 Oxypteris, 181
Oxyrhynchidae, 308
 Oxyteli, 95
Oxytelinae, 92, 20¹
Oxytelini, 95
 Oxytelus, 96, 352, 22¹
Ozaenini, 49, 12¹
 Ozognathus, 241
 Pachnaeus, 312, 46¹
 Pachybaris, 328, 363, 49¹
 Pachybrachis, 92³
Pachybrachyni, 289
 Pachybrachys, 289, 44¹ 92³
 Pachybruchus, 305
 Pachycerota, 127
Pachydemini, 257
 Pachydrus, 17¹
 Pachygeraeus, 49¹
 Pachylobius, 318, 362
 Pachylopus, 139, 21²
Pachymerinae, 47,² 93³
 Pachymerus, 304
 Pachyonychus, 299
 Pachyparnus, 44⁴
 Pachyphanes, 318
 Pachyplectrus, 252
 Pachyscelis, 34⁴
 Pachyschelus, 184, 30,¹ 30²
 Pachystethus, 259
 Pachystilicus, 104, 24¹
 Pachystylus, 289
 Pachyta, 271, 58,⁴ 59⁴
 Pachyteles, 49, 271, 10²
 Pachytychius, 318
 Pactopus, 177, 355, 28²
 Pactorrhinus, 312
 Pactostoma, 224, 357, 34¹
Paederi, 101
 Paederidus, 26⁴
 Paederillus, 101, 26⁴

- Paederinae**, 100
Paederini, 100, 23⁴
Paederomorphus, 26⁴
Paederus, 101, 352, 26⁴
Pagiocerus, 337
Palaeosmodicum, 359
Palaeoxenis, 27²
Palaeoxenus, 177
Palaminus, 100
Palembus, 233
Paleobuprestis, 101⁴
Paleoipidus, 101⁴
Paleoscolytus, 101⁴
Palodes, 197, 86³
Paloedemera, 353
Palorus, 234, 35¹
Palpicornia, 82
Paltorhynchus, 360
Panagaeini, 49, 12⁴
Panagaeus, 49
Pancota, 114, 122, 23¹
Pandeleiteini, 312
Pandeleiteinus, 312
Pandeleiteius, 312, 361, 47¹
Pandeleitejus, 312
Panclota, 119, 23¹
Panormus, 314
Panscopidius, 312, 48, 2 66⁴
Panscopus, 312, 48, 2 66⁴
Pantomallus, 268
Pantomorus, 313, 48, 2 67⁴
Papusus, 91
Parabracteon, 11²
Parabyrsopolis, 91, 3 54⁴
Paracalosoma, 10, 2 54, 2 11⁴
Paracamptus, 332
Paracarabus, 10⁴
Paracimbocera, 85⁴
Paraclytus, 278
Paracotalpa, 91, 3 53⁴
Paracymus, 84, 19¹
Paradilacra, 120
Paraferonia, 58
Parafilumis, 193
Paragoges, 321
Paragonum, 13, 1 14⁴
Paragraphus, 314
Paragrilus, 44⁴
Parahornia, 335
Parahydriobius, 21⁴
Paralathra, 102, 25⁴
Paralesteva, 95
Paraliaphlus, 14, 2 16⁴
Paralispinus, 22⁴
Paralister, 31⁴
Paralitargus, 204
Parallelina, 273, 40²
Parallelostethus, 172
Paralobium, 241
Paralopha, 53
Paramallus, 265
Paramecosoma, 203
Paramedon, 103, 23⁴
Parameotica, 120
Paranaemia, 215
Paranchomenus, 11¹
Parandra, 265, 39, 1 40²
Parandrini, 265
Parandrita, 199
Paranomala, 253
Paranomus, 170
Paranoplium, 40, 1 56⁴
Paranovelsis, 190
Paranthonomus, 322
Paraopsimus, 40²
Parapachyta, 271, 58⁴
Parapanscopus, 66⁴
Paraphloeus, 234, 49²
Paraplinthus, ix, 317, 93³
Paraptochus, 314, 67⁴
Paraptorhodus, 142
Paraquedius, 109
Parareoda, 260, 91, 3 54⁴
Paragutor, 58
Parascydms, 90
Parasida, 225
Parastasia, 54⁴
Parastasiina, 54⁴
Paratachys, 53
Parataxia, 85⁴
Paratenetus, 236
Paratimia, 279
Paratriarius, 297
Paratropa, 77³
Paratychius, 321
Paratyndaris, 30, 1 42⁴
Paravius, 220
Pardileus, 80³
Parephistemus, 32¹
Paria, 294, 45, 1 44²
Parilendus, 204
Parisorhipis, 262
Parmenonta, 284, 43¹
Parmenosoma, 280
Parmulini, 92
Parmulus, 92
Parnidae, 185
Parnus, 185
Parocalea, 127
Paroedostethus, 85³
Parolamia, 359
Paromalus, 137, 30⁴
Paromophron, 16¹
Paronomus, 40⁴
Parothius, 106
Parygrus, 44⁴
Pasilia, 114
Pasimachina, 11²
Pasimachus, 47
Passalidae, 265, 104, 3 56⁴
Passalinae, 56⁴
Passalus, 265, 104, 3 56⁴
Passandrini, 199
Patea, 244, 245
Patrobini, 12⁴
Patroboidea, 12, 2 12⁴
Patrobus, 54, 350, 9, 1 13, 4 99⁴
Paussidae, 351, 103³
Paussopsis, 351, 103³
Pechalius, 222
Pectusa, 113
Pedetes, 168
Pediacus, 199, 356
Pedilidae, 161, 354, 29, 1 25, 2 26³
Pedilinae, 25²
Pedilini, 161

- Pedilophorini**, 191
 Pedilophorus, 191
 Pedilus, 161, 354, 29,¹ 26²
Pedininae, 231
 Pedinus, 232
 Pelates, 87, 19⁴
 Pelatines, 87, 19⁴
 Pelecomalium, 95
 Pelecotoides, 156, 24²
 Pelecotoma, 156
Pelecotomini, 156
 Peleocyphorus, 224, 35¹
 Pelenomus, 331
 Pelenosomus, 330
 Pelidnota, 259, 54⁴
Pelidnotina, 54⁴
 Pelioptera, 119
 Pelmatellus, 73, 80³
 Pelonides, 151, 34⁴
 Pelonium, 151, 34⁴
Pelonominae, 44¹
 Pelonomus, 185, 44,⁴ 69¹
 Pelophila, 46, 11²
 Pelcsoma, 85
 Peltastica, 202
 Peltis, 87, 194
 Peltodytes, 76, 16,¹ 14²
 Peltotrupes, 252
 Pelurga, 22¹
 Pemelus, 85
 Pemphus, 43, 10,² 9⁴
 Pentagonica, 67, 79³
 Pentagrammaphila, 344
 Pentanodes, 278
 Pentaphyllus, 233
 Pentaria, 156, 34⁴
 Pentarthrinus, 335, 51,¹ 51²
 Pentatoma, 21⁴
 Penthe, 238
 Penthelispa, 206
Penthini, 238
 Pentilia, 213, 87³
Pentilini, 87³
 Pentispa, 303, 64⁴
 Pentodontini, 260
 Peptoglyptus, 137, 29⁴
 Peranus, 136
 Perarthrus, 280
 Percosia, 60, 10¹
 Perenthis, 331
 Pergetus, 162
 Peribocum, 270
 Pericompsus, 53
 Perigaster, 331, 51,² 94,³ 69⁴
 Perigona, 64, 79³
 Perigonini, 79³
 Perilypus, 149, 33¹
 Perimecus, 174
 Perimegatoma, 190, 32,² 86³
 Perissarthron, 169
 Peristethus, 57
 Peritapnia, 282, 43¹
 Peritaxia, 311, 85¹
 Peritelinus, 315, 67⁴
 Periteloides, 67⁴
 Peritelodes, 315
 Peritelopsis, 315
 Peritelus, 314
Perothopidae, 28²
Perothopinae, 177, 27²
 Perothops, 177, 28²
Personocellus, 79³
 Perthalycra, 197, 31¹
 Peryphes, 12²
 Peryphodes, 51
 Peryphus, 50, 9,¹ 11²
 Petalium, 243
 Petalon, 187
 Phacepholis, 314, 67⁴
 Phaea, 285
 Phaedon, 295, 45,¹ 45²
Phaedonini, 295
 Phaedromus, 299
 Phaenocerus, 176, 27²
 Phaencyra, 115, 22¹
 Phaenonotum, 85
 Phaenops, 181, 43¹
 Phaenotypus, 85
 Phaeochrous, 51⁴
Phalacri, 210
Phalacridae, 210, 35²
 Phalacropsis, 210
 Phalacrus, 210, 35²
 Phaleria, 232, 35¹
Phaleriinae, 232
 Phanaeus, 243, 358, 38,¹ 38,² 90,³ 50⁴
 Phanasolina, 47²
 Phanerota, 115, 22¹
 Phanocerus, 185, 45¹
 Phanosolena, 307, 47²
 Phalarus, 70, 80³
 Pharaxonotha, 202, 33²
 Phasmota, 119, 23¹
 Phausis, 142, 26,¹ 31⁴
 Phedius, 218
 Phegoneus, 222
 Pheletes, 168, 83³
 Phelister, 136, 31⁴
 Phellidius, 232
 Phellopsis, 223
 Phengodes, 142, 26¹
Phengodidae, 142, 26,¹ 21²
Phengodini, 142
 Phenolia, 196, 356, 46⁴
 Pheryphes, 9¹
 Philas, 86, 18²
Phileurini, 262
 Phileurus, 262
 Philhydrus, 84
 Philhygra, 119
 Philochlaenia, 53⁴
 Philodes, 74, 80³
 Philolithus, 224
 Philonthus, 106, 352, 21,¹ 20,² 27,⁴ 100⁴
 Philopheuga, 67
 Philophuga, 67, 14¹
 Philopuntia, 333
 Philotecnus, 66
 Philotermes, 117, 22,¹ 29⁴
 Philothermus, 206
 Philoxylon, 241
 Philyra, 34⁴
 Phlegon, 177, 28²
Phloeocharini, 93
 Phloeodes, 223
 Phloeonaeus, 96

- Phloeonemites, 357
 Phloeonemus, 205, 47¹
 Phloeonomus, 94
 Phloeophagus, 334, 51²
 Phloeophthorus, 338
 Phloeopora, 127, 24¹
 Phloeopterus, 95, 28,¹ 33¹
 Phloeosinus, 338, 363, 51,¹ 94,³ 70¹
 Phloeostiba, 94
Phloeotribini, 338
 Phloeotribus, 338
 Phloeotrya, 239, 37¹
 Phloeoxena, 66, 79³
Phlyctaenodini, ix
 Phobetrus, 257, 53¹
 Phodaga, 159, 38¹
 Phoenicobiella, 307
 Phoenicobius, 307
 Phoeocrous, 51¹
 Phomalus, 165
Phoracanthini, 269, 56¹
 Phosphyga, 87
Photinini, 141
 Photinus, 141, 21²
Photurini, 142
 Photuris, 142, 26,¹ 21²
 Phryganophilus, 239
 Phrypeus, 9¹
 Phthora, 234
 Phthorophloeus, 338, 363, 51,¹ 70⁴
 Phycocoetes, 320
 Phyconomus, 198
 Phydanis, 299
 Phyletes, 233
 Phylethus, 233
Phyllechthriini, 298
 Phyllechthrus, 298
Phyllobaeni, 151
 Phyllobaenides, 151
Phyllobaeninae, 33¹
 Phyllobaenus, 151, 28,¹ 33⁴
Phyllobiini, 315
 Phyllobius, 315, 361
 Phyllobrotica, 297, 92³
Phyllobroticini, 297
 Phyllodecta, 296, 45,² 92,³
Phyllodectini, 295
 Phyllodrepa, 94
 Phyllopertha, 39¹
 Phyllophaga, 255, 358, 38,¹ 55,¹ 39,² 90,³
 104,³ 52⁴
 Phyllostoma, 264
 Phyllotreta, 302, 46,¹ 46²
 Phyllotrox, 318
 Phymaphora, 209
 Phymatinus, 276, 312, 66⁴
 Phymatodes, 276, 359, 42,¹ 42,² 59⁴
 Phymatodina, 276, 42¹
 Phyrdenus, 331, 51¹
 Physea, 49
 Physemus, 192, 31¹
 Physetoporus, 111
 Physocnemum, 275, 41¹
 Physonota, 304, 46,² 92³
Physorrhiniini, 174
 Physorrhinus, 174
 Phytalus, 257, 39,² 52¹
 Phytobii, 331
 Phytobius, 331, 51,² 94,³ 69⁴
 Phytodecta, 295, 45¹
Phytoeciini, 285
 Phytton, 270
 Phyttonomus, 316, 47¹
 Phytosus, 114
 Phyxelis, 310, 361
 Piazorhinus, 324
 Piazurus, 329
 Picella, 36¹
 Pidonia, 40,² 91³
 Piesmus, 58
Piesti, 92
Piestinae, 20¹
Piestini, 92, 20¹
 Piestus, 93
 Piezocera, 270
Piezocerini, 270
 Piezocorynus, 307, 48²
 Pilema, 275, 59⁴
 Pilalobus, 48²
 Pilopius, 131
 Pimalius, 221
 Pinacodera, 67, 14,¹ 79³
 Pinalochara, 125, 24¹
 Pinodytes, 87, 19⁴
Pinodytini, 87, 17,² 19⁴
Pinophili, 100
Pinophilini, 100
 Pinophilus, 100, 82³
 Pinotus, 248, 38² 50¹
 Piodes, 272, 58⁴
 Piosoma, 70, 80³
 Pisenus, 238, 34²
 Pissodes, 317, 47,¹ 49,² 93³
Pissodini, 317
 Pitnus, 240
Pityobiini, 168
 Pityobius, 168
 Pityoborus, 52,¹ 52²
 Pityogenes, 341, 52¹
 Pityokteines, 341
 Pityophagus, 197
 Pityophilus, 52²
 Pityophthoridae, 363
 Pityophthorus, 341, 52,¹ 52,² 94³
 Pityphilus, 60⁴
 Placonycha, 187
 Placopterus, 28,¹ 33⁴
 Placusa, 113, 21¹
 Plagiodera, 295, 45¹
 Plagionotus, 277
 Plagithmysus, 277
 Planismus, 199, 32,¹ 33²
Plastoceridae, 166, 29,¹ 26,² 39⁴
Plastocerinae, 83³
 Plastocerus, 166, 39⁴
 Platandria, 116, 22¹
 Plataphodes, 11,² 12⁴
 Plataphus, 50, 12⁴
 Platasida, 226
 Plateros, 140, 21,² 31⁴
 Plateumaris, 286, 44,¹ 44²
 Platidius, 55, 12,² 12⁴
 Platybregmus, 50⁴
Platycerinae, 56⁴
 Platycerus, 264, 40,² 56⁴
 Platycholeus, 87, 19⁴
 Platydema, 233, 357
 Platyderides, 38²

- Platyderus, 58
 Platymedon, 103, 23¹
 Platynidius, 11,¹ 79³
 Platynini, 62, 78³
 Platynomicrus, 12,¹ 79³
 Platynus, 63, 350, 56,¹ 13,² 78,³ 14,⁴ 99¹
 Platypatrobus, 12¹
 Platypodidae, 337, 48,² 69⁴
 Platypsyllus, 86
 Platypsyllidae, 86
 Platypus, 337, 69⁴
 Platyrrhynchus, 308, 85⁴
 Platysma, 59
 Platysmatius, 13²
 Platysoma, 136, 31⁴
 Platysomini, 31⁴
 Platystethus, 97, 352
 Platystomidae, 303, 360, 46,¹ 47,² 93³ 64⁴
 Platystomoidea, 47²
 Platystrophus, 47²
 Platysystrophus, 64⁴
 Platyusa, 116
 Plectonotum, 144
 Plectralidus, 70
 Plectris, 53⁴
 Plectrodera, 281
 Plectrodes, 257
 Plectromerus, 270
 Plectromodes, 326
 Plectrotetrophanes, 360
 Plectrura, 280
 Plegaderus, 137, 29⁴
 Pleocoma, 252, 51⁴
 Pleocominae, 252, 51⁴
 Pleotomus, 141
 Plesiobaris, 327, 48²
 Plesiocis, 247
 Pleuridium, 206
 Pleuropasta, 159
 Pleurophorus, 251, 51⁴
 Pleuropompha, 159, 36⁴
 Pleurospasta, 159, 38⁴
 Pleurotobia, 115, 22¹
 Plinthocoelium, 42²
 Plinthodes, 316, 49,² 85⁴
 Plinthus, ix
 Plionoma, 280
 Plocamus, 329
 Plocetes, 320
 Plochionus, 67, 350, 14,¹ 79³
 Plocodes, 11¹
 Ploeopecter, 149, 28,¹ 33⁴
 Ploeosoma, 201
 Plusiotina, 259
 Plusiotis, 259, 54⁴
 Pnigodes, 320
 Pocadius, 196, 46⁴
 Pocalta, 259, 91,³ 53⁴
 Podabri, 143
 Podabrus, 143, 353, 26,¹ 22²
 Podalgus, 261
 Podapion, 310
 Podolasia, 254
 Poecilium, 276, 42¹
 Poecilobrium, 275, 41,¹ 91,³ 59⁴
 Poecilocera, 44,¹ 44²
 Poecilochroa, 33⁴
 Poecilochrus, 176, 27²
 Poecilonota, 180, 30,¹ 29³
 Poecilosticta, 259
 Poecilus, 58, 10⁴
 Pogonidium, 49
 Pogonini, 54, 55, 12²
 Pogonistes, 55
 Pogonocheri, 283
 Pogonocherini, 283, 60⁴
 Pogonocherus, 283, 43,¹ 42,² 91,³ 60⁴
 Pogonodaptus, 75, 80³
 Pogonus, 55
 Polemiotus, 221
 Polemius, 144, 353, 22²
 Poliaenus, 60⁴
 Pollaclasis, 141, 26¹
 Polopinus, 35⁴
 Polpochila, 75, 80³
 Polycaon, 245, 38,¹ 37²
 Polycesta, 177, 30,¹ 28,² 42⁴
 Polycestini, 177
 Polychara, 125, 23¹
 Polyclasis, 141
 Polydacrys, 312, 46¹
 Polyderis, 54
 Polydrosus, 313
 Polydrusini, 313
 Polydrusus, 313, 47¹
 Polygraphus, 338, 363, 51,² 70⁴
 Polymedon, 103, 23⁴
 Polymoechus, 260, 54⁴
 Polyodontus, 24⁴
 Polyphylla, 257, 39,² 53⁴
 Polypleurus, 235
 Polypria, 240, 25²
 Polyspila, 295
 Polystoma, 125
 Pomphopoea, 157, 37⁴
 Pontomalota, 123
 Popilius, 56⁴
 Popillia, 259
 Porcinolus, 192
 Poreospasta, 159, 37⁴
 Porphyraspis, 304
 Porrhodites, 94
 Potamodytes, 17,¹ 16⁴
 Potamonectes, 16⁴
 Potamophilini, 185, 30²
 Potosia, 55⁴
 Prasinalia, 179
 Prasocurini, 294
 Prasocuris, 294
 Prateus, 236
 Priacma, 153
 Priobium, 242
 Priocera, 149, 33⁴
 Priocerinae, 23²
 Priognathus, 161, 29,¹ 25²
 Prionellus, 39¹
 Prioni, 266
 Prionina, 266
 Prioninae, 265, 39,¹ 56⁴
 Prionini, 266
 Prionochoeta, 87, 20⁴
 Prionochthebius, 82, 18¹
 Prionocyphon, 188
 Prionodera, 152, 34⁴
 Prionomerini, 324
 Prionomerus, 324, 362
 Proinostichaeus, 152, 34⁴
 Prionus, 266, 39,¹ 56⁴

- Pristodactyla, 62, 11,¹ 78³
 Pristonychus, 63, 11¹
 Pristoscelis, 146, 27,¹ 32⁴
 Probatius, 284, 43¹
 Probosca, 154
 Procas, 318, 362, 47¹
 Prochaetocnema, 360
Procirri, 100
 Procrustes, 11⁴
 Procryphalus, 340
 Proctorus, 320
 Proderops, 235
 Prognatha, 92
 Prolyctus, 206
Promecognathini, 47
Promecognathus, 47
Promecopinae, 312
Promecopini, 312, 93³
 Promecops, 312
 Promecotarsus, 319
 Prometopia, 196, 356
 Prometopion, 221
 Promus, 227
 Proplectus, 128
 Prohexius, 129
 Proscarabaeus, 37⁴
 Prosecon, 16¹
 Prostenus, 219
 Prostephanus, 245, 37²
Prostominae, 33²
 Prostomis, 199
 Protacnaeus, 355
 Protapate, 358
 Proteinidium, 57⁴
Proteinini, 93
 Proteinus, 93
 Proteleates, 357
 Prothalpia, 239
 Protheca, 243
 Protinus, 93
 Protipochus, 359
 Protogyrininus, 103,³ 100⁴
 Protoncideres, 359
 Protonecrodes, 19,¹ 18²
 Protoplatycera, 357
 Psalidonota, 304, 64⁴
Psallidiidae, 310
Psallidiinae, 312
Psammobiini, 251
 Psammobius, 251, 90³
 Psammodius, 251
 Psammoechus, 200
 Psammoeucus, 200
 Psammoporus, 90³
 Psapharochrus, 282
Psebiini, 59⁴
Pselaphidae, 127, 24,¹ 20,² 82,³ 29⁴
Pselaphini, 131
 Pselaphorhynchites, 93³
 Pselaphus, 131, 29⁴
 Pselaptrichus, 131
 Pselaptus, 130
Psenocerini, 281
 Psenocerus, 281, 42¹
Psephenidae, 185, 355, 31,¹ 30,² 44⁴
Psepheninae, 44⁴
 Psephenus, 185, 355, 31,¹ 30,² 44⁴
Pseudacanthinae, 56⁴
 Pseudacratius, 254, 51⁴
 Pseudactium, 128
 Pseudalindria, 193
 Pseudallonyx, 148, 23,² 32⁴
 Pseudamphasia, 73
 Pseudanchus, 11¹
 Pseudanophthalmus, 9,¹ 12,² 78³
 Pseudanthonomus, 324
 Pseudanthribus, 48²
 Pseudaphonus, 261, 39,¹ 54⁴
 Pseudaptinus, 65, 13,¹ 14,² 15⁴
 Pseudargutor, 58, 13²
 Pseudariotus, 165
 Pseudasydates, 32⁴
 Pseudataenius, 39²
 Pseudebaeus, 146, 22²
 Pseudeleodes, 227
 Pseudelissa, 312
 Pseudephalus, 35¹
 Pseudepius, 137
 Pseudibidion, 270, 41,¹ 57⁴
 Pseudischyrus, 201
 Pseudister, 31⁴
 Pseudoacalles, 333, 51⁴
 Pseudobaridia, 48¹
 Pseudobaris, 327, 48⁴
 Pseudocistela, 218, 357, 48⁴
 Pseudocleis, 217
 Pseudoclerus, 149, 33⁴
 Pseudocneorrhinus, 46¹
 Pseudocoelus, 231
 Pseudocryphalus, 338, 70⁴
 Pseudocyphus, 313
 Pseudodinoptera, 41¹
 Pseudohydrobius, 21⁴
 Pseudohylesinus, 338, 70⁴
 Pseudolagarus, 13²
Pseudolampsini, 299
 Pseudolampsis, 299
 Pseudolathra, 102, 25⁴
 Pseudolesteva, 95
 Pseudolina, 45¹
 Pseudoliodes, 21⁴
 Pseudolomechusa, 115
 Pseudolucanus, 264, 39,¹ 55⁴
 Pseudoluperus, 92²
 Pseudomedon, 104, 20,¹ 23⁴
 Pseudomegista, 119
 Pseudomethia, 56¹
 Pseudomicracis, 51,¹ 53²
 Pseudomicronyx, 319
 Pseudomopsis, 332, 333
 Pseudomorpha, 75, 16,¹ 14,² 16⁴
Pseudomorphidae, 10,² 14²
Pseudomorphinae, 75
 Pseudomus, 332
 Pseudonomaretus, 43, 8,¹ 10⁴
 Pseudonosoderma, 223
 Pseudopachymerus, 305
 Pseudopachyta, 40²
 Pseudopanscopus, 48,² 66⁴
 Pseudopelta, 87
 Pseudopentarthrum, 335, 51²
 Pseudophanus, 200
 Pseudopityophthorus, 341, 52,¹ 94²
Pseudopsini, 93
 Pseudopsis, 93
 Pseudoremus, 28⁴
 Pseudorimus, 85⁴
 Pseudorus, 104, 24⁴

- Pseudoscopaeus, 124
 Pseudostrangalia, 40²
 Pseudota, 122, 23¹
 Pseudothyssanoe, 52,¹ 53,² 71⁴
 Pseudotrimium, 128
 Pseudotychius, 47¹
 Pseudotyrus, 132
 Pseudoweisea, 213
Pseudoxenini, 344
 Pseudoxenos, 344
 Pseudoxyletinus, 242
 Psilocnemis, 263, 55⁴
 Psiloptera, 179, 42⁴
 Psilopyga, 196
 Psiloscelis, 136, 25,¹ 21,² 31⁴
 Psoa, 245
Psoidae, 37²
 Psoini, 245, 37²
 Psomophus, 89, 19¹
 Psomus, 329, 51¹
 Psydrini, 49
 Psydrus, 49, 11,² 12¹
 Psylliodes, 302, 46,¹ 64⁴
 Psylliodini, 302
 Psyllobora, 215, 33,¹ 35,² 87,³ 47⁴
Psylloborini, 215
 Psyrassa, 270, 57⁴
 Pteleobius, 338
 Ptenidium, 132, 25,¹ 20²
Pterocolidae, 308
Pterocolinae, 309
 Pterocolus, 309
 Pterocyclon, 339, 71⁴
 Pteroloma, 87, 18,² 19⁴
 Pteropalus, 71, 15¹
 Pterophorus, 152
Pteroplatini, 279
 Pteroplatus, 279
Pterostichini, 55, 10,² 11,² 13⁴
 Pterostichus, 55, 350, 10,¹ 12,² 78,³ 103,³ 13⁴
 14,⁴ 99⁴
Pterotini, 142
 Pterotus, 142
 Pteryngium, 203
 Pteryx, 133
Ptiliidae, 132, 25,¹ 20²
Ptiliinae, 132, 25¹
Ptiliini, 132
 Ptilineurus, 37¹
Ptilinini, 244
 Ptilinus, 244, 37,¹ 37²
 Ptiliodina, 25¹
 Ptiliola, 133
 Ptiliolum, 133
 Ptiliopycna, 25¹
 Ptilium, 132, 25¹
 Ptilodactyla, 188, 31²
Ptilodaetylidae, 30,² 31²
Ptilodaetylinae, 188, 30²
 Ptilopus, 313
 Ptinella, 133
 Ptinellodes, 133, 25¹
Ptinidae, 240, 37,¹ 37,² 89,³ 49⁴
Ptinini, 240
 Ptinodes, 242
 Ptinus, 240, 37,¹ 37,³ 89,³ 49⁴
 Ptochus, 314
 Ptomaphagus, 87, 20⁴
 Ptosima, 178, 355, 30,¹ 29²
- Ptychodes, 281
 Ptychomus, 178
 Pulicomorpha, 24¹
Pulicomorphini, 24¹
 Pullus, 213
 Purpuricenus, 279
 Pyanisia, 237
 Pycnacritus, 138
 Pycnobaris, 327, 48¹
 Pycnogeræus, 49¹
 Pycnoglypta, 94
Pycnomerini, 206
 Pycnomerus, 206
 Pycnonotida, 224
 Pycnophus, 89
 Pycnoplectus, 128
 Pycnorus, 104, 24⁴
 Pycnotomina, 198
 Pygmaeopsis, 284, 43¹
 Pyractomena, 141, 26¹
 Pyratomena, 26¹
 Pyrectosoma, 141
 Pyrochroa, 161
Pyrochroidae, 161, 29,¹ 25,² 26,² 83,³ 38⁴
Pyrochroinae, 25²
Pyrophorina, 167
Pyrophorinae, 166
Pyrophorini, 166
 Pyrophorus, 167
 Pyropyga, 141
 Pyrota, 157, 37⁴
 Pyrotichus, 274, 57⁴
Pythidae, 161, 354, 29,¹ 25,² 36,² 82,³ 38⁴
Pythinae, 25²
 Pytho, 161, 29,¹ 25²
 Pythoceroopsis, 354
 Pyticera, 151
 Pytna, 132
 Quadrifrons, 197
 Quediellus, 109
Quedii, 109
Quediini, 109
 Quediochrus, 110
 Quedionuchus, 109
 Quedius, 109, 352, 21,¹ 28,⁴ 100⁴
 Rafonus, 127
 Ramecia, 129
 Ramona, 104
 Rantus, 17⁴
 Raphirus, 110
 Reania, 122
 Redistes, 33¹
 Refonia, 57, 10¹
 Reichenbachia, 130, 82,³ 29⁴
 Rembus, 62, 350, 364, 11,¹ 13,² 77³
 Reminius, 35¹
 Remus, 108, 28⁴
 Renardia, 95
 Reninus, 31¹
 Renocis, 338, 70⁴
 Retocomus, 162
 Revelieria, 208
 Rhabdophorus, 292
 Rhabdopterus, 292, 45¹
 Rhacius, 236
Rhadalinae, 148, 32⁴
 Rhadalus, 148
 Rhadine, 63, 243, 11,¹ 13,² 79³
 Rhaeboscelis, 184, 30,¹ 44⁴

- Rhagium, 271, 58⁴
 Rhagodera, 205, 34,² 47⁴
 Rhagoderidea, 357
Rhagoderini, 205, 47⁴
 Rhagomicrus, 30,¹ 27,² 28²
 Rhagonycha, 143, 26¹
 Rhamphocolus, 335
 Rhanis, 209
 Rhantus, 80, 18,¹ 15,² 17⁴
 Rheobioma, 125
 Rheochara, 125
 Rheocharella, 125
 Rhexidius, 129, 82³
 Rhexius, 129
 Rhigopsis, 311
 Rhinandrus, 235
Rhinini, 336
 Rhinomacer, 308
Rhinomacerinae, 308
 Rhinomalus, 200, 32¹
 Rhinoncus, 331
 Rhinoplatia, 154
 Rhinoscepsis, 128
 Rhinosimus, 161, 82,³ 38⁴
Rhinotragini, 275
 Rhinusa, 47¹
 Rhipiceridae, 165, 166, 29,¹ 26²
Rhipidandrinae, 232
 Rhipidandrus, 232
Rhipidiini, 157
 Rhipidius, 157
 Rhipidophorus, 157
 Rhipiphorida, 262
Rhipiphoridae, 156, 353, 28,¹ 24²
Rhipiphorini, 156
 Rhipiphorus, 156, 157, 28,¹ 24²
Rhizobiini, 214, 87³
 Rhizobius, 214
 Rhizopertha, 244, 245, 37,² 50⁴
Rhizophagidae, 197
 Rhizophagus, 197
 Rhizotrogus, 52¹
 Rhodeota, 122
 Rhodobaenus, 335
 Rhombodera, 67
 Rhombonalia, 258
 Rhombonyx, 258
 Rhopalomerus, 277
 Rhopalopachys, 277, 91³
 Rhopalophora, 278, 59⁴
Rhopalophorini, 278
 Rhopalopleurus, 338, 70⁴
 Rhopalopus, 275
 Rhoptobaris, 327
 Rhybomicrus, 209
 Rhymbus, 209, 33¹
 Rhynchaenus, 68⁴
 Rhyncheros, 140
 Rhynchites, 303, 360, 46,¹ 48,² 93,³ 85⁴
Rhynchitinae, 308, 48,² 93³
Rhynchitini, 303, 93³
 Rhynchophora, ix, 306
Rhynchophoridae, 51¹
Rhynchophorini, 335
 Rhynchophorus, 335
Rhyncolini, 334
 Rhyncolus, 335
 Rhyppobius, 91
 Rhyppodes, 315
 Rhyppodillus, 315
 Rhysodes, 193
Rhysodidae 193
Rhysodoidea, 193
 Rhysosternum, 363
 Rhyssematus, 332
 Rhyssemus, 251, 39,² 51²
 Rhytidosomus, 331
 Rhyzobius, 214
 Rileya, 141
 Rileyonymus, 331
 Riponus, 266
 Rodolia, 214, 87³
 Romaleum, 269, 40,² 91,³ 56⁴
 Ropalopus, 275
 Roplisa, 263
 Rosalia, 275
 Rovalida, 119
 Rues, 237
 Rugilus, 104, 24¹
 Rushia, 239, 37¹
 Rutela, 260, 54¹
 Rutelina, 54¹
Rutelinae, 258, 53⁴
Rutelini, 259
 Rutidosoma, 331
 Rybaxis, 131, 20²
 Rypobius, 91
 Ryssematus, 332, 363, 51²
 Sableta, 121, 23¹
Saciini, 92
 Sacium, 92
 Sacodes, 188
 Sagola, 127
Sagridae, 43²
Sagrinae, 236, 43²
 Salebius, 202
 Sallaea, 34¹
 Sallea, 150
Salpinginae, 25²
 Salpingus, 161, 29¹
Sandalidae, 26²
 Sandalus, 166, 29,¹ 26²
 Sandytes, 165
 Sangaria, 301, 46¹
 Saperda, 234, 359, 43,¹ 42²
Saperdini, 284
 Saperdirhynchus, 360
Saphanini, 267
 Sapintus, 164
 Sapotes, 311, 85¹
Saprininae, 30¹
Saprinini, 138
 Saprinus, 138, 26,¹ 21,² 30⁴
 Saproscites, 51⁴
 Sarpedon, 176, 27²
 Saurohypnus, 105
 Saxinis, 288, 359, 44²
 Scaeothea, 201
 Scalenarthrus, 130
 Scalidia, 199
Scalidiinae, 33²
 Scalopterus, 146
 Scanylus, 165
 Scaphidema, 233
Scaphidiidae, 134, 25,¹ 16²
Scaphidiini, 134
 Scaphidium, 134
 Scaphinotus, 43, 349, 8,¹ 77,³ 8,⁴ 9,⁴ 99⁴

- Scaphinus, 267
 Scaphiomicrus, 134
 Scaphisoma, 134, 25¹
 Scaphisomini, 134
 Scaphium, 134
 Scaptolenopsis, 355
 Scaptolenus, 166, 83²
 Scarabaeidae, 248, 358, 364, 38,¹ 55,¹ 38,²
 90,² 104,³ 50⁴
 Scarabaeini, 248
 Scarabaeoidea, 248, 38²
 Scarites, 47, 11²
 Scaritina, 11²
 Scaritini, 47, 11²
 Scaurinae, ix
 Scaurini, 226
 Scelidini, 297
 Scelodontini, 292
 Scelolyperus, 297
 Schedarosus, 234
 Schistacme, 21¹
 Schistoceros, 244
 Schistoglossa, 116
 Schistosiphon, 343
 Schizax, 279
 Schizillus, 224, 34¹
 Schizogenius, 48, 11²
 Schizomicrus, 320
 Schizonotus, 320
 Schizophilus, 177, 27²
 Schizopini, 178
 Schizopus, 179
 Schizotus, 161
 Schoenicus, 222
 Schwarzerion, 42²
 Sciabregma, 363, 55¹
 Sciaphilini, 313
 Sciaphilus, 313
 Scierus, 338, 51,¹ 70⁴
 Sciocharella, 103, 23⁴
 Sciocharis, 103, 20,¹ 23⁴
 Sciodrepa, 19,² 20⁴
 Sciodrepoides, 20⁴
 Sciopithes, 314, 67⁴
 Scirtes, 188, 31¹
 Sclerocerus, 268
 Sclerodes, 187
 Scobicia, 244
 Scolochrus, 289
 Scolytidae, 337, 363, 51,¹ 48,² 51,² 94,³ 70⁴
 Scolytinae, 337
 Scolytini, 337
 Scolytoidea, 337, 48²
 Scolytus, 337, 70¹
 Scopaei, 104
 Scopaeodera, 104, 24⁴
 Scopaeoma, 104, 20,¹ 24⁴
 Scopaeopsis, 104, 24⁴
 Scopaeus, 104, 20,¹ 24⁴
 Scopodini, 79³
 Scoponaeus, 24⁴
 Scopophus, 89
 Scotias, 240
 Scotobaenus, 235, 49¹
 Scotobates, 235
 Scotochroa, 239, 37¹
 Scotodes, 240
 Scruptia, 239
 Scruptiini, 239, 36¹
 Scutopterus, 80
 Scydmaenidae, 89, 19,¹ 19²
 Scydmaeninae, 89
 Scydmaenini, 90
 Scydmaenus, 90, 20,¹ 19²
 Scymnillini, 214
 Scymnillodes, 35²
 Scymnillus, 214
 Scymnini, 213
 Scymnobius, 213
 Scymnus, 213, 33,¹ 35,² 87,² 47⁴
 Scyphophorus, 335, 363
 Scythropus, 313, 361
 Selenalius, 72, 80³
 Selenophori, 71
 Selenophorus, 71, 15,¹ 80,³ 16⁴
 Selvadius, 213
 Semanotus, 275, 42,¹ 59⁴
 Semijulistus, 23²
 Semiris, 127, 24¹
 Sepidulum, 83
 Serica, 254, 358, 38,¹ 39,² 90,³ 51⁴
 Sericini, 254
 Sericoda, 12¹
 Sericoderini, 92
 Sericoderus, 92
 Sericosomina, 172
 Sericosomus, 172
 Sericus, 172, 85³
 Sermyla, 298
 Sermylini, 298
 Sermylglassa, 45¹
 Sermysatus, 332
 Serriger, 150, 28,¹ 33⁴
 Serropalpidae, 36,¹ 49¹
 Serropalpiniae, 37¹
 Serropalpini, 37¹
 Serropalpus, 239, 36,¹ 37¹
 Sexarthrus, 323
 Siagonium, 92
 Sibariops, 50,¹ 50²
 Sibiria, 321
 Sibiota, 121
 Sibynes, 321
 Sicinus, 233
 Sicyobius, 284, 43,¹ 60⁴
 Silis, 144
 Silpha, 87, 351, 18,² 104,³ 19⁴
 Silphidae, 86, 351, 19,¹ 17,² 18,⁴ 19,⁴ 20⁴
 Silphini, 86, 17,² 19⁴
 Silphodes, 51⁴
 Silusa, 114, 21¹
 Silusida, 115, 22¹
 Silvanidae, 32,¹ 32²
 Silvaninae, 33²
 Silvanini, 198, 32¹
 Silvanophloeus, 199
 Silvanus, 198, 32²
 Simoini, 314, 49,² 67⁴
 Simplicaria, 191, 86³
 Simplicariini, 191
 Simplona, 128
 Simsonia, 45⁴
 Sinodendrinae, 265
 Sinodendron, 265
 Sinoxylon, 244, 50⁴
 Sipalia, 121, 23¹
 Sipaliella, 121
 Sisenus, 154

- Sitarini**, 160, 24,² 25,² 35¹
Sitodrepa, 242, 358
Sitona, 315, 361, 68⁴
Sitones, 315
Sitonini, 315
Sitophagus, 234
Sitophilus, 336, 51,¹ 69⁴
Smicraulax, 322
Smicripinae, 198
Smicrips, 198
Smicronychi, 318
Smicronyx, 319, 47,¹ 49,² 68⁴
Smicrophus, 90, 19¹
Smicrorhynchus, 362
Smicrus, 133
Smileceras, 279
Smilia, 213
Smodicini, 267
Smodicum, 267
Sognorus, 131
Soliusa, 125
Somatium, 113, 21¹
Sonoma, 127
Sonomota, 121
Soronia, 196, 46⁴
Sosylus, 206
Sotenus, 270
Spalacopsini, 43¹
Spalacopsis, 284, 43¹
Sparedrus, 153
Spartophila, 296, 45¹
Spathinus, 64
Spathizus, 142
Spectralia, 180
Sperchopsis, 84, 19,¹ 16²
Spermatoplex, 340
Spermophagidae, 304
Spermophagus, 306, 360, 47²
Sphaenothecus, 280, 42¹
Sphaericus, 240
Sphaeridiinae, 85
Sphaeridium, 85
Sphaeriestes, 25²
Sphaeriidae, ix, 133, 25,¹ 21²
Sphaerionini, 270, 57⁴
Sphaeriontis, 229, 35¹
Sphaerites, 134
Sphaeritidae, 134
Sphaerius, 133, 25¹
Sphaeroderma, 300
Sphaeroderus, 44, 8,¹ 77,³ 9,⁴ 10⁴
Sphaeromorphus, 253
Sphaerosinus, 51²
Sphalera, 155
Sphalma, 161, 29,¹ 36¹
Sphenophorini, 335
Sphenophorus, 335, 51,¹ 51²
Sphenostethus, 266
Sphindidae, 246, 37²
Sphindocis, 247
Sphindus, 246
Spilodiscus, 135
Spilosota, 260, 54⁴
Spilota, 216, 259
Spilotus, 239
Spinthoptera, 179
Spirosoma, 26⁴
Spodotribus, 363
Spondylidae, 267
Spondyliini, 267
Spondylis, 267, 359, 40,¹ 56⁴
Spongopus, 73
Sponidium, 153
Stachygraphis, 95
Stagetus, 243
Stammoderus, 105, 27⁴
Stamoderes, 313, 67⁴
Staphyliini, 106
Staphylinidae, 92, 352, 20,¹ 19,² 82,³ 19,⁴ 22,⁴ 100⁴
Staphylininae, 105
Staphylinini, 106, 27⁴
Staphylinites, 352
Staphyloidea, 86, 16²
Staphylinus, 108, 352, 21,¹ 28⁴
Statira, 237, 36,¹ 49⁴
Statirinae, 49⁴
Statirini, 237
Steatoderina, 172
Steatoderini, 172
Steganus, 361
Stegobium, 242
Steirastoma, 282, 43¹
Stelidota, 196
Stenaesthetini, 100
Stenancylus, 334
Stenaspini, 279
Stenaspis, 279, 42¹
Stencorus, 271
Stenelaphus, 57¹
Steneleodes, 228, 48⁴
Stenelmis, 186, 31,² 45⁴
Stenichnus, 20¹
Steninae, 98
Stenini, 98
Steniridia, 8,¹ 9¹
Stenispera, 303
Stenobaris, 327
Stenocantharis, 10²
Stenocellus, 74, 16,¹ 14,² 80³
Stenochia, 237
Stenochidus, 218
Stenocolus, 187
Stenocorus, 271, 41,¹ 41,² 57,⁴ 58⁴
Stenocrepis, 69, 14,¹ 80³
Stenodema, 193
Stenodontes, 265
Stenodontes, 265, 39,¹ 56⁴
Stenolophus, 74, 350, 16,¹ 80³
Stenomimus, 334
Stenomorphi, 72
Stenomorphus, 72, 15,¹ 16⁴
Stenopelmus, 319
Stenopodius, 303, 64⁴
Stenopterini, 275
Stenoptochus, 314, 67⁴
Stenoscelis, 335
Stenosides, 224, 34¹
Stenosphenini, 278
Stenosphenus, 278, 359, 42,¹ 57,⁴ 59⁴
Stenostrophia, 273, 41¹
Stenotarsini, 209
Stenotarsus, 209, 35²
Stenothorax, 258, 52⁴
Stenotrachelini, 240
Stenotrachelus, 240
Stenotrichini, 48,⁴ 49⁴
Stenotrichus, 236, 36,¹ 49⁴

- Stenous, 69
 Stenura, 272
 Stenuris, 180
 Stenus, ix, 98, 352, 20,¹ 20,² 23¹
 Stenusa, 114
 Stephanocleonus, 325
 Stephanoderes, 340
 Stephanopachys, 245, 37²
 Stephanuca, 263
 Stephostethus, 207
 Stereagonum, 12¹
 Steremnius, 93³
 Stereocerus, 60, 13⁴
 Stereogaster, 67¹
 Stereopalpus, 162, 26²
 Stereosa, 181
 Steriphanus, 220, 34¹
 Sternechini, 326, 93³
 Sternechus, 326
 Sternidius, ix
 Sternochetus, 69¹
 Sternoxia, 165
 Sternuchus, 326
 Steropus, ix
 Stethasida, 226, 35¹
 Stethobaris, 328, 50¹
 Stetholiodes, 88, 21⁴
 Stethon, 176, 27²
 Stethorhanis, 35,² 47¹
 Stethorus, 213
 Stethoxus, 84
 Stethusa, 118, 22¹
 Sthereus, 68¹
 Stibia, 222, 34,¹ 48⁴
 Stichoglossa, 126
 Stichtoptychus, 243
 Stictalia, 114
 Stictanchus, 12¹
 Stictobaris, 327
 Stictocera, 179
 Stictocranium, 100
 Stictodera, 221
 Stictoleptura, 41¹
 Stictolinus, 106
 Stictonecropter, 19¹
 Stictonotus, 17¹
 Stictostix, 137, 30¹
 Stictotarsus, 16¹
 Stigmatoma, 219
 Stilbolemma, 254
 Stilbolidus, 73, 80³
 Stilbus, 210, 35²
 Stillici, 104
 Stillicolina, 104, 24⁴
 Stillicopses, 104
 Stillicopsis, 104, 26¹
 Stillicosoma, 24⁴
 Stillicus, 104, 24⁴
 Stilomedon, 23⁴
 Stiraderes, 360
 Stolonis, 59, 13²
 Storthephora, 236
 Strangalepta, 273, 41²
 Strangalia, 273, 274, 41,² 58¹
 Strangalina, 274, 41,² 58⁴
 Strategodes, 261
 Strategus, 261, 358, 364, 40,² 55¹
 Stratus, 127
 Strepsiptera, 343
 Strigidia, 54⁴
 Strigocis, 247
 Strigoderma, 259
 Strigodermella, 259, 39²
 Strigota, 123
 Stromatium, 268
 Strongylaspis, 265, 64¹
 Strongyliinae, 237
 Strongylium, 237, 36¹
 Strongylus, 196
 Strophiona, 273, 41²
 Strophogastra, 24¹
 Strophosoma, 313
 Stylopidae, 343
 Stylops, 343
 Styloxus, 268, 40,² 91³
 Sulcaxis, 247
 Sunii, 105
 Sunius, 105, 27¹
 Suphis, 76
 Suphisini, 76
 Sydates, 148, 32¹
 Sydatopsis, 147, 32¹
 Symbiochara, 116
 Symbiotes, 210
 Symbius, 157
 Symphora, 239
 Sympiezocera, 42¹
 Synaphaeta, 281, 42²
 Synaptina, 121
 Syncalosoma, 10,² 54²
 Syncalypta, 192
 Synchronita, 205, 33¹
 Synchronitini, 205
 Synchronoa, 238, 358
 Synchroniini, 238
 Synchytodes, 205
 Synclytus, 59⁴
 Synertha, 319, 47¹
 Syneta, 237, 44,¹ 44²
 Synetocephalus, 297
 Synolabus, 309, 48²
 Synonychini, 87³
 Synstrophus, 238
 Syntomium, 95
 Syntomostylus, 361
 Syringobidia, 197
 Systema, 301, 360, 46,¹ 46,² 92,³ 64¹
 Systemini, 301
 Systemocerus, 264
 Tachinomorphus, 111
 Tachinus, 110, 352, 21¹
 Tachistodes, 74, 16¹
 Tachycellus, 73, 14,² 80³
 Tachygonidae, 308
 Tachygoninae, 310
 Tachygonus, 310, 46¹
 Tachymenis, 54
 Tachyporinae, 110
 Tachyporini, 110
 Tachyporus, 111, 352, 28⁴
 Tachypterellus, 322, 93³
 Tachypterus, 322
 Tachypus, 49
 Tachys, 54, 350, 9,¹ 11,² 12⁴
 Tachysalla, 53
 Tachysops, 53
 Tachyta, 54, 9¹
 Tachyura, 53, 9¹

- Tachyusa, 123, 23¹
 Taenobates, 235
Talaninae, 237
 Talanus, 237, 89³
 Tanaocarabus, 10,² 77,³ 11⁴
 Tanaops, 146, 22,² 32¹
 Tanarthropsis, 164
 Tanarthrus, 164
 Tanilotes, 165
 Tanygaster, 46,¹ 46²
Tanygnathi, 109
 Tanygnathus, 109
Tanymecinae, 312
Tanymecini, 312
 Tanymecus, 312, 361, 66⁴
 Tanyrhinus, 93
 Tanyrsphyrus, 320, 49²
 Tanystola, 13¹
Tapeinini, 43¹
 Taphranchus, 12¹
 Taphrocerus, 185, 31,¹ 30,² 44⁴
 Taphrodota, 120
 Taphrosclidia, 199
 Taphroscydms, 90
 Tapisnothenes, 10,² 54²
 Tarandocerus, 34⁴
 Taranomis, 280, 42¹
 Taraxis, 287
 Taricanus, 234
 Tarpela, 236
 Tarphiota, 119, 23¹
Tarsosteninae, 23²
 Tarsostenus, 152, 34¹
 Taxicerella, 122
 Tecnophilus, 66
 Tedinus, 218
 Tegrodera, 159, 38¹
 Telabis, 220, 34,¹ 36²
 Telaponium, 34⁴
 Telegeusidae, 152, 28,¹ 82³
 Telegeusis, 152, 82²
Telephanini, 200
 Telephanus, 200
Telephoridae, 142
 Telephorus, 143, 26¹
 Telesicles, 218
 Teliusa, 123, 23¹
Telmatophilini, 202
 Telmatophilus, 202
 Temnochila, 193, 86³
Temnochilidae, 193
 Temnopsophus, 145, 22²
 Tenaspis, 141
 Tenebrio, 235, 357, 36¹
Tenebriodini, 193
 Tenebrioides, 194
 Tenebrionellus, 235
Tenebrionidae, 219, 357, 34,¹ 56,¹ 36,² 89,³
 103,³ 48⁴
Tenebrioninae, ix, 226, 235
 Tenebrionites, 103³
Tenebrionoidea, 218
 Tenebroides, 194, 356
Tenebroidini, 193
 Tenillus, 361
Tentyriinae, 219, 48⁴
 Terapus, 137, 31⁴
 Terasota, 120
Teretriinae, 29⁴
 Teretriosoma, 136, 29⁴
 Teretrius, 136, 29⁴
 Teretrum, 361
 Termitogaster, 116, 22¹
 Termitonidia, 29⁴
 Tesnus, ix, 99
 Tassaropa, 268
 Tetartopeus, 102, 20,¹ 25⁴
 Tetracha, 40, 7,¹ 7⁴
 Tetragonoderus, 65
 Tetraleucus, 12¹
 Tetralina, 113, 21¹
 Tetrallus, 116, 22¹
 Tetramedon, 103, 23⁴
 Tetranodus, 278
 Tetraolytta, 36⁴
Tetraonychidae, 24²
 Tetraonyx, 159, 354, 24,² 37⁴
 Tetraopes, 285, 44¹
Tetraopini, 285
 Tetrapriocera, 244, 90²
 Tetratoma, 238
Tetrataminae, 36¹
Tetratomini, 238, 36¹
 Tetropium, 267, 40,¹ 40,² 56⁴
 Tetrops, 285
 Teuchestes, 249
 Tevales, 95
 Texania, 179, 42¹
 Thalassa, 212
 Thallassotrechus, 55
 Thalpius, 65, 14,² 15⁴
 Thalyera, 197
 Thamiaraea, 116
Thamiaraeini, 24¹
 Thanasimus, 149, 28,¹ 33⁴
 Thanateroclerus, 34⁴
 Thanatophilus, 87, 18,² 19⁴
 Thaneclerus, 34¹
Thaneroclerinae, 23,² 34⁴
 Thaneroclerus, 151, 34⁴
 Thaptor, 50⁴
 Tharops, 176
 Tharsus, 234
 Thaumaglossa, ix, 190
 Thaumatomglossa, ix
 Theca, 243
Thecesterninae, 333
 Thecesternus, 333, 51²
 Thectura, 114, 21¹
 Thecturota, 114, 21¹
 Thelydrias, 189
 Thermonectes, 81
Thermonectini, 81
 Thersalus, 56⁴
 Thesalia, 274, 40²
 Thesiastes, 128
 Thesium, 128
 Thia, 268
 Thiasophila, 126, 24¹
 Thicanus, 163
Thinobii, 97
 Thinobius, 97, 20¹
 Thinocharis, 103, 23⁴
 Thinophilus, 97
 Thinopinus, 109
 Thinoxenus, 315
 Thinusa, 114, 22¹
Thoracophori, 93

- Thoracophorus, 93, 19,² 22¹
 Threnus, 224
 Thricolema, 287, 44²
 Thricolepis, 315
 Thricomigus, 311, 66⁴
 Thrimolus, 204
 Thrincopyge, 179, 42¹
Thrincopygini, 179
Throscidae, 177, 355, 28,² 85³
Throscini, 177
 Throscinus, 185, 31,¹ 44⁴
Throscoptilium, 25¹
 Throscus, 177, 28²
 Thryallis, 282
 Thyce, 257, 39,² 91¹
 Thylacites, 313
Thylacitini, 313
 Thyldrias, 189, 31²
Thyldriinae, 189
 Thymalus, 194
 Thysanocnemis, 320, 68⁴
 Thysanocorynus, 67⁴
 Thysanoes, 339, 52,¹ 53²
 Tilargus, 204
 Tilea, 95
Tillinae, 23,² 33⁴
Tillini, 148
 Tilloclytus, 278
 Tilloidea, 33⁴
 Tillomorpha, 278
Tillomorphini, 278
 Tillus, 149, 33⁴
 Timarcha, 294
Timarchini, 294
 Tinodemus, 35²
 Tinopus, 278
 Tinotus, 116, 22¹
 Tipnus, 240
 Tisactia, 204
 Tisiphone, 198
Tisiphoninae, 198
 Tithanis, 125
 Tituboea, 61⁴
 Tmesiphorus, 132
 Tomarus, 202, 32¹
Tomieus, 339, 341, 70⁴
 Tomoderus, 163
 Tomoglossa, 116
 Tomolips, 335
 Tomoxia, 154, 353
 Tonibiastes, 232
 Tonibius, 232
 Toposcopus, 156
 Toramus, 32¹
 Tosastes, 311
 Tostegoptera, 255, 52¹
 Toxidium, 134
 Toxonotus, 307
 Toxorhynchus, 361
 Toxotopsis, 271
 Toxotropis, 306, 47²
 Toxotus, 271, 41,² 57⁴
 Trachelizus, 306
 Trachelonepha, 50
 Trachodes, 320, 68⁴
Trachodini, 320, 68⁴
Trachyderini, 280
Trachykele, 179, 30,¹ 29²
 Trachymetopa, 46⁷
 Trachyota, 123, 23¹
Trachypachini, 43
 Trachypachis, 8⁴
 Trachypachus, 43, 8,¹ 10,² 8⁴
 Trachypachys, 43, 8⁴
Trachyphloeini, 314
 Trachyphloeus, 314, 67⁴
 Trachypteris, 181
 Trachyscelida, 297
Trachyscelinae, 232
 Trachyscelis, 232
 Trachysectus, 103, 23⁴
 Trachysida, 274, 41¹
 Tragidion, 279, 42,¹ 91,² 59⁴
 Tragosoma, 266, 40¹
Tragosomae, 266
 Traumoecia, 119, 23¹
 Trechicus, 64
Trechini, 10²
 Trechonepha, 50, 9,¹ 12⁴
 Trechus, 55, 350, 9,¹ 12,² 78,³ 13⁴
 Treiodons, 37⁴
 Trepanedoris, 11²
 Trepobaris, 327
 .. Triaena, 61, 11,¹ 13²
 Triachus, 292
 Triarius, 297, 45²
 Triarthron, 83, 20⁴
 Tribalister, 137, 25,¹ 30⁴
 Tribalus, 137
 Tribolium, 234, 49⁴
 Tribrachys, 195
 Trichacorynus, 334, 51²
 Trichalophus, 316, 47,¹ 49,² 85⁴
 Trichaltica, 300
 Trichelaphrus, 10,² 12⁴
 Tricheleodes, 227
 Trichestes, 255, 52⁴
 Trichesthes, 52⁴
 Trichiasida, 225
Trichini, 263
 Trichiorhyssemus, 251
 Trichiotes, 222
 Trichiotinus, 264, 39,¹ 55⁴
 Trichischius, 336
 Trichius, 264
 Trichiusa, 116, 22¹
 Trichlorhyssemus, 50⁴
 Trichobaris, 327, 48¹
 Trichobaropsis, 322
 Trichocellus, 73, 80³
 Trichochroides, 32⁴
 Trichochronellus, 32⁴
 Trichochrous, 146, 353, 27,¹ 22,² 82,³ 32⁴
 Trichocnemis, 265
 Trichodes, 150, 34⁴
 Trichoderulus, 49⁴
 Trichodesma, 242, 37¹
 Trichodirabius, 50¹
 Trichomagdalis, 322
Trichonychini, 129
 Trichonyx, 129
 Trichophorus, 172, 29¹
 Trichophya, 112
Trichophyinae, 112
Trichophyini, 112
 Trichoplataphus, 12⁴
Trichopseniini, ix, 110
 Trichopsenius, 110

- Trichoscelis, 279
Trichopterygidae, 132
 Trichopteryx, 133
 Trichotheca, 292
 Trichotichnus, 80³
 Trichoton, 232
 Trichoxys, 276
Tricopseniini, ix, 110
 Tricrania, 160, 25,² 35⁴
Tricraniides, 160
 Tricraniodes, 160, 35¹
 Tricrepidius, 174
 Trientoma, 221
Trientomini, 221
 Triga, 93, 352
 Triglyphulus, 316, 85¹
 Triglyphus, 316
 Trigonodemus, 93
 Trigonodera, 24²
 Trigonogenius, 240
 Trigonognatha, 12²
 Trigonogya, 185
 Trigonopeltastes, 263
 Trigonophorus, 109
 Trigonoplectus, 29⁴
 Trigonopselaphus, 109
 Trigonoscuta, 314, 361, 49,² 67⁴
Trigonoscutini, 314, 67⁴
Trigonuri, 92
 Trigonurus, 92, 22¹
 Triliarthrus, 73, 14,² 80³
 Trimiomelba, 128
 Trimioplectus, 128
 Trimiopsis, 128
 Trimitomerus, 161, 25²
 Trimium, 128
Trimytini, 221
 Trimytis, 221, 34¹
 Trinodia, 263, 55¹
Trinodini, 191
 Triodoclytus, 278, 59⁴
Triorophini, 222
 Triorophus, 222, 34¹
 Trioxocera, 343
 Triozocera, 343
 Triphalopsis, 34¹
 Triphalus, 222, 34¹
 Triphyllus, 238, 34²
Triplacini, 201
 Triplax, 201, 356, 32¹
 Triplectrus, 72, 15,¹ 80³
 Trirhabda, 296, 359, 92³
 Trischidias, 339
 Tritoma, 201, 204, 356, 32¹
Tritomidae, 204
Trixagidae, 177
 Trixagus, 177, 189
Trogidae, 38²
Troginæ, 253
 Trogloderus, 229
 Trogodendron, 150
 Trogoderma, 190, 31,¹ 32²
 Trogophloeus, 95, 20,¹ 19,² 22⁴
 Trogosita, 193, 194, 356
Trogoitidae, 193
 Trogoxylon, 245, 50⁴
 Trogus, 81
 Trophimus, 145
 Tropideres, 307, 360, 48,² 64⁴
Tropiderini, 306
 Tropinota, 263
Tropiphorini, 311, 93³
 Tropisternus, 84, 351, 19,¹ 16,² 81³
 Trox, 253, 358, 38¹
 Trypanorhynchus, 360
 Trypherus, 144, 353
 Trypodendron, 339
 Trypophloeus, 340
 Trypopityus, 242
Tychiini, 320
Tychini, 131
 Tychius, 320, 362, 47¹
 Tychus, 131
 Tylcus, 276
 Tylicus, 191
 Tylistus, 244
 Tylocerina, 283
 Tyloderma, 332, 51¹
 Tyloides, 332
Tyloдина, 332, 333
 Tylonotus, 268
 Tylopterus, 320
 Tylosis, 279
 Tymnes, 293
 Tympanophorus, 109
 Tyndaris, 178, 30,¹ 42¹
 Typhaea, 204, 34²
 Typhloglymma, 334
 Typhleleiodes, 20¹
Typhlusechini, 223
 Typhlusechus, 223
 Typhobia, 233
 Typitium, 153, 23²
 Typocerus, 274, 41,¹ 41,³ 59⁴
Typophorini, 294
 Typophorus, 294, 44²
Tyrini, 132
 Tyrus, 132
 Tytthonyx, 142, 26¹
 Uleiota, 200, 33²
 Ulitusa, 114, 21¹
 Ulkeus, 137, 31⁴
 Ulochaetes, 275
 Uloma, 233, 234
Ulominæ, 233
 Uloporus, 233
 Ulosonia, 234
 Ulus, 231, 357
 Unamis, 95, 20¹
 Upis, 235
 Upoluna, 132
 Urleta, 54¹
 Urodera, 288, 44¹
 Urographis, 283, 43¹
 Urophorus, 195
 Uroplata, 303
Uroplatini, 303
 Usechimorpha, 36²
Usechini, 223
 Usechus, 223, 36²
 Utobium, 241
Vacronini, 223
 Vacronus, 223
 Vacusus, 163
 Valda, 131
 Valenus, 283
 Valenus, 121
 Valgus, 264, 39¹

- Vandykea, 91¹
 Vanonus, 165
 Vasseletia, 306
Vatellinae, 76, 15²
Vatellini, 76
 Vectura, 148, 23,² 32¹
 Vecturoides, 23,² 32¹
 Vedalia, 214
 Vellica, 95
 Venusa, 115, 22¹
 Veraphis, 91
 Verticinotus, 130
 Vesperoctenus, 166
 Vincenzellus, 25²
 Vrilleta, 242, 358
 Wolcotella, 28¹
 Wolcottia, 151
 Wollastonia, 335
 Wollastoniella, 335
 Xanthochroa, 153
Xantholini, 105
Xantholinini, 105
 Xantholinus, 105, 352
 Xanthonia, 292, 62¹
Xanthopygi, 109
 Xanthopygus, 109
 Xanthus, 324
 Xarifa, 241, 37²
Xenidae, 343
Xeninae, 343
Xenini, 343
 Xenistusa, 110
 Xenochalepus, 303, 64⁴
 Xenochara, 124
 Xenoclerus, 150, 34⁴
 Xenodusa, 115, 22¹
Xenoidea, 343
 Xenomedon, 103
 Xenomelanophila, 43⁴
 Xenomycetes, 209
 Xenops, 343
 Xenorchestes, 307
Xenorchestini, 307
 Xenorhipis, 181, 43⁴
 Xenos, 343
 Xenusa, 124
 Xeranobium, 241
 Xeropsamobeus, 50⁴
 Xestipyge, 137, 30⁴
 Xestobium, 241, 358
Xestocis, 247
 Xestoleptura, 273, 41,¹ 41¹
 Xestolinus, 105
 Xestonotus, 72
 Xestophus, 89
 Xesturida, 116, 22¹
 Xiphenax, 104³
 Xyleborinus, 342, 71⁴
 Xyleborites, 363
 Xyleborus, 342
 Xylechinus, 52,¹ 70⁴
Xyletinini, 242
 Xyletinus, 242
 Xyletomerus, 242
 Xylita, 239, 37,¹ 49⁴
 Xylobiops, 244, 358
 Xylobius, 176, 358, 28²
 Xyloblaptus, 244
 Xylocleptes, 342
 Xylocrius, 276
 Xylodrepa, 19¹
 Xylodromus, 94
 Xylopertha, 244
Xylophilidae, 165
 Xylophilus, 165, 27,² 28²
 Xylopinus, 235
 Xyloryctes, 261
 Xylosteus, 271, 58⁴
 Xyloterinus, 339
 Xyloterus, 339
 Xylotrechus, 277, 42,¹ 42,³ 59⁴
 Xylotrogus, 245
 Xystronia, 219
 Xystropus, 219
 Yuccaborus, 336
 Zabrotes, 306
Zacotini, 68
 Zacotus, 68, 14,¹ 14²
 Zagloba, 214
 Zaglyptus, 328, 50¹
 Zagymnus, 278
 Zaitzevia, 45¹
 Zalobius, 95
 Zamodes, 268
Zaploi, 284
 Zaplous, 284, 60⁴
 Zarhipis, 142, 26¹
 Zascelis, 333
 Zeadolopus, 21⁴
 Zenoa, 166, 26²
 Zenodosus, 151
 Zeugonyx, 47¹
 Zeugophora, 287, 44,¹ 44²
Zeugophorinae, 43²
 Zezea, 13²
 Zilora, 239, 49⁴
 Zimiona, 194
 Zolium, 128
Zonabrini, 24²
 Zonantes, 165
 Zonitides, 160
Zonitinae, 160
 Zonitini, 160, 35⁴
 Zonitis, 160, 29,¹ 25,³ 35⁴
Zopherinae, 48¹
Zopherini, 222
 Zopherodes, 223, 34¹
 Zopherus, 222
 Zophobas, 235
Zuphiini, 79³
 Zuphium, 65, 15⁴
 Zurcheria, 237
 Zygobarella, 50¹
 Zygobarinus, 329
 Zygobaris, 329, 50¹
 Zygobaroides, 329
 Zygogramma, 295, 45²
 Zygomicrus, 329
Zygopini, 329, 51²
 Zygops, 329
 Zyrras, 116

