A summary list of fossil spiders and their relatives

compiled by

Jason A. Dunlop (Berlin), David Penney (Manchester) & Denise Jekel (Berlin)

with additional contributions from Lyall I. Anderson, Simon J. Braddy, James C. Lamsdell, Paul A. Selden & O. Erik Tetlie

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INTRODUCTION

Fossil spiders have not been fully cataloged since Bonnet's *Bibliographia Araneorum* and are not included in the current *World Spider Catalog*. Since Bonnet's time there has been considerable progress in our understanding of the fossil record of spiders – and other arachnids – and numerous new taxa have been described. For an overview see Dunlop & Penney (2012). Spiders remain the single largest fossil group, but our aim here is to offer a summary list of all fossil Chelicerata in their current systematic position; as a first step towards the eventual goal of combining fossil and Recent data within a single arachnological resource.

To integrate our data as smoothly as possible with standards used for living spiders, our list for Araneae follows the names and sequence of families adopted in the previous Platnick Catalog. For this reason some of the family groups proposed in Wunderlich's (2004, 2008, 2012) monographs of amber and copal spiders are not reflected here, and we encourage the reader to consult these studies for details and alternative opinions. Extinct families have been inserted in the position which we hope best reflects their probable affinities. For other arachnid groups we have largely followed the nomenclature and family sequences adopted in other online or printed summaries; for example Victor Fet *et al*.'s work on scorpions, Mark Harvey's catalogues of pseudoscorpions and the 'minor' orders – all of which also list the fossils – Adriano Kury's harvestman overviews and the third edition of the Manual of Acarology for mites. For all groups, genus and species names were compiled from established lists and cross-referenced against the primary literature.

We aim to reflect the latest published opinions on the taxonomy of fossil species. A caveat here is that some synonomies and transfers proposed in the literature were only provisional or tentative in nature. At times we were forced to interpret whether a formal nomenclatural change had actually been made, and we have tried to accomodate these difficulties as best as possible. We should also stress that many historical fossil types require revision. Older species names assigned to common, modern genera such as *Araneus*, *Clubiona* or *Linyphia* among the spiders, should be treated with caution. The list has been extended to include Recent species – particularly some spiders and numerous oribatid mites – found as (sub)fossils. These are generally specimens of Quaternary age found in copal, or recovered from peats or archeological sites.

We have provided references for the first descriptions of all the fossil species, and where possible we have added the relevant taxonomic literature for all the taxon names which we mention here. We should, however, note that for some groups (especially mites) recovering the correct author and date for higher taxa proved challenging, and we hope in future releases to be able to clarify these names and augment the reference list accordingly. Formal synonomy lists for the fossil species are being compiled and that which we have for individual taxa can be made available upon request upon a 'fair use' basis. As with any project of this size, we cannot guarantee the accuracy of all these entries and we encourage readers to foward omissions or corrections to jason.dunlop@mfn-berlin.de or David.Penney@manchester.ac.uk.

PRINCIPAL CHANGES SINCE THE LAST UPDATE

The principal additions in this version include the first complete Permian scorpions and several new scorpions from Cretaceous Burmese amber. Some misplaced Carboniferous spiders have been formally transferred to the harvestmen and the oldest laniatorid harvestman from Burmese amber was formally described. New pseudoscorpions have been reported from Chiapas and Burmese amber, and the latter amber has also yielded the oldest record of a palpigrade. A Carboniferous oribatid mite phoretic on an insect was described from the Carboniferous Coal Measures, and the Coal Measures also produced a new trigonotarbid, a new whip scorpion and an intriuging fossil which may be close to the origins of spiders.

ACKNOWLEDGMENTS

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EXPLANATIONS

- † indicates an entirely extinct genus, family or other higher taxon
- all species listed assumed to be extinct unless marked **[Recent]**
- * indicates the type species of (fossil) genera

Stratigraphical abbreviations:

pЄ = Precambrian, Є = Cambrian, O = Ordovician, S = Silurian,

D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

PYCNOGONIDA

11 currently valid species of fossil sea spider

- note that in some modern phylogenies the Palaeozoic genera resolve *within* the crown group

PYCNOGONIDA Latreille, 1810 ..... **Cambrian – Recent**

= ARACHNOPODA Dana, 1853

† ***Cambropycnogon*** **Waloszek & Dunlop, 2002** ..... **Cambrian**

1. *Cambropycnogon klausmuelleri* Waloszek & Dunlop, 2002* ..... Є 'Orsten', Sweden

pycnogonid affinities were questioned by Bamber (2007)

† ***Haliestes*** **Siveter, Sutton, Briggs & Siveter, 2004** ..... **Silurian**

2. *Haliestes dasos* Siveter, Sutton, Briggs & Siveter, 2004* ..... S Herefordshire Lgst.

† ***Flagellopantopus*** **Poschmann & Dunlop, 2006** ..... **Devonian**

3. *Flagellopantopus blocki* Poschmann & Dunlop, 2006* ..... D Hünsruckschiefer

† ***Palaeomarachne*** **Rudkin, Cuggy, Young & Thompson, 2013** ..... **Ordovician**

4. *Palaeomarachne granulata* Rudkin, Cuggy, Young & Thompson, 2013* O Manitobia, Canada

† ***Pentapantopus*** **Kühl, Poschmann & Rust, 2013** ..... **Devonian**

5. *Pentapantopus vogteli* Kühl, Poschmann & Rust, 2013* ..... D Hünsruckschiefer

† **PALAEOISOPODIDAE Dubinin, 1957** ..... **Devonian**

† ***Palaeoisopus*** **Broili, 1928** ..... **Devonian**

6. *Palaeoisopus problematicus* Broili, 1928* ..... D Hünsruckschiefer

† **PALAEOPANTOPODIDAE Broili, 1930** ..... **Devonian**

† ***Palaeopantopus*** **Broili, 1928** ..... **Devonian**

7. *Palaeopantopus maucheri* Broili, 1928* ..... D Hünsruckschiefer

PANTOPODA Gerstaecker, 1863 ..... **Devonian – Recent**

= PEGMATA Fry, 1978

family uncertain

† ***Palaeothea*** **Bergström, Stürmer & Winter, 1980** ..... **Devonian**

8. *Palaeothea devonica* Bergström, Stürmer & Winter, 1980* ..... D Hünsruckschiefer

AUSTRODECIDAE Stock, 1954 ..... **Recent**

no fossil record

PYCNOGONIDAE Wilson, 1878 ..... **Recent**

no fossil record

COLOSSENDEIDAE Hoek, 1881 ……..**?Jurassic – Recent**

= PASITHOIDAE Sars, 1891

= RHOPALORHYNCHIDAE Fry, 1978

† ***Colossopantopodus* Charbonnier, Vannier & Riou, 2007** ……..**Jurassic**

9. *Colossopantopodus boissinensis* Charbonnier, Vannier & Riou, 2007* . J La Voulte-sur-Rhône tentative referal

AMMOTHEIDAE Dohrn, 1881 ……..**?Jurassic – Recent**

= EURYCIDIDAE Sars, 1891

= OORHYNCHIDAE Schimkewitsch, 1913

= TANYSTYLIDAE Schimkewitsch, 1913

= AMMOTHELLIDAE Fry, 1978

= EPHYROGYMNIDAE Fry, 1978

= PARANYMPHONIDAE Fry, 1978

= SERICOSURIDAE Fry, 1978

= TRYGAEIDAE Fry, 1978

† ***Palaeopycnogonides* Charbonnier, Vannier & Riou, 2007** ……..…….. **Jurassic**

10. *Palaeopycnogonides gracilis* Charbonnier, Vannier & Riou, 2007* …… J La Voulte-sur-Rhône tentative referal

CALLIPALLENIDAE Hilton, 1942 ……..……..**Recent**

= PALLENIDAE Wilson, 1878 [*Pallene* is a preoccupied genus]

= CHEILAPALLENIDAE Fry, 1978

= CLAVIGEROPALLENIDAE Fry, 1978

= HANNONIDAE Fry, 1978

= METAPALLENIDAE Fry, 1978

= QUEUBIDAE Fry, 1978

= STYLOPALLENIDAE Fry, 1978

no fossil record

NYMPHONIDAE Wilson, 1878 ……..**Recent**

no fossil record

PALLENOPSIDAE Fry, 1978 ……..…….. **Recent**

no fossil record

ENDEIDAE Norman, 1904 ……..……..**?Jurassic – Recent**

† ***Palaeoendeis* Charbonnier, Vannier & Riou, 2007** ……..**Jurassic**

11. *Palaeoendeis elmii* Charbonnier, Vannier & Riou, 2007* ……..…….. J La Voulte-sur-Rhône tentative referal

PHOXICHILIDIIDAE Sars, 1891 ……..……..**Recent**

= ANOPLODACTYLIDAE Fry, 1978

= PHOXIPHILYRIDAE Fry, 1978

no fossil record

RHYNCHOTHORACIDAE Thompson, 1909 ……....**Recent**

no fossil record

MISIDENTIFICATIONS

1. *Pentapalaeopycnon inconspicua* Hedgpeth, 1978 [crustacean] ……..……J Solnhofen
2. *Pycnogonites uncinatus* Quenstedt, 1852 [crustacean] …….....…...…..…J Solnhofen

c. 1,300 Recent species

(EU)CHELICERATA

5 currently valid, but unplaced (eu)chelicerate fossil species

- *Sanctacaris* has been recovered as an early chelicerate in some phylogenetic studies – most recently by Legg (2014) – although this interpretation is not universal.
- *Offacolus* has been described in detail from reconstructions based on serial sections, and was resolved in some phylogenies to a basal position within Euchelicerata
- *Dibasterium* was described as a horseshoe crab, albeit one with multiple biramous appendages
- the other listed taxa are mostly poor or incomplete specimens which have been treated as either xiphosurans, chasmataspidids or eurypterids
- resting impressions imply that Chasmataspidida were probably present in the late Cambrian

CHELICERATA Heymons, 1901 ..... ?Cambrian – Recent

† ***Sanctacaris* Briggs & Collins, 1988**..... **Cambrian**

1. *Sanctacaris uncata* Briggs & Collins, 1988* ..... Є Burgess Shale

EUCHELICERATA Weygoldt & Paulus, 1979 ..... ?Cambrian – Recent

STEM-EUCHELICERATA?

† ***Offacolus* Orr, Siveter, Briggs, Siveter & Sutton, 2000** ..... **Silurian**

2. *Offacolus kingi* Orr, Siveter, Briggs, Siveter & Sutton, 2000* ..... S Herefordshire Lgst.

† ***Dibasterium* Briggs, Siveter, Siveter, Sutton, Garwood & Legg, 2012**..... **Silurian**

3. *Dibasterium durgae* Briggs, Siveter, Siveter, Sutton, Garwood & Legg, 2012* ..... S Herefordshire Lgst.

EUCHELICERATA *INCERTAE SEDIS*

† ***Polystomurum* Novojilov, 1958** ..... **Devonian**

4. *Polystomurum stormeri* Novojilov, 1958* ..... D Voroneje, Siberia

† ***Thurandina* Størmer, 1974** ..... **Devonian**

5. *Thurandina waterstoni* Størmer, 1974* ..... D Alken an der Mosel

XIPHOSURA *s. lat.*

104 currently valid species traditionally assigned to horseshoe crabs, of which 82 are unequivocal Xiphosura

- Lamsdell (2013) argued that Xiphosura may not be monophyletic and that a number of fossils traditionally placed as stem-group (synziphosurine) horseshoe crabs are actually stem-group euchelicerates. The list below attempts to reflect this position, whereby it should be noted that in this scheme the Planaterga clade would also include Chasmataspidida, Eurypterida and Arachnida and Planaterga is nested within Prosomapoda.

PROSOMAPODA Lamsdell, 2013*a* ..... **Siliurian – Recent**

FAMILY UNSPECIFIED

† ***Anderella*** **Moore, McKenzie & Lieberman, 2007** ..... **Carboniferous**

1. *Anderella parva* Moore, McKenzie & Lieberman, 2007* ..... C Bear Gulch

† ***Borchgrevinkium*** **Novojilov, 1959** ..... **Devonian**

2. *Borchgrevinkium taimyrensis* Novojilov, 1959* ..... D Taimyr, Siberia

† ***Camanchia*** **Moore, Briggs, Braddy & Shultz, 2011** ..... **Silurian**

3. *Camanchia grovensis* Moore, Briggs, Braddy & Shultz, 2011* ..... S Scotch Grove, Iowa

† ***Legrandella*** **Eldredge, 1974** ..... **Devonian**

4. *Legrandella lombardii* Eldredge, 1974* ..... D Cochabamba, Bolivia

† ***Venustulus*** **Moore, 2005 *in* Moore *et al*.** ..... **Silurian**

5. *Venustulus waukeshaensis* Moore, 2005 *in* Moore *et al*.* ..... S Waukesha Lgst.

† **WEINBERGINIDAE Richter & Richter, 1929** ..... **Devonian**

† ***Weinbergina*** **Richter & Richter, 1929** ..... **Devonian**

6. *Weinbergina opitzi* Richter & Richter, 1929* ..... D Hünsruckschiefer

PLANATERGA Lamsdell, 2013*a* ..... **Siliurian – Recent**

FAMILY UNSPECIFIED

† ***Bembicosoma*** **Laurie, 1899** ..... **Silurian**

7. *Bembicosoma pomphicus* Laurie, 1899* ..... S Pentland hills

† ***Cyamocephalus*** **Currie, 1927** ..... **Silurian**

8. *Cyamocephalus loganensis* Currie, 1927* ..... S Lesmahagow

† ***Pseudoniscus*** **Nieszkowski, 1859** ..... **Silurian**

= † *Neolimulus* Woodward, 1868*a*

9. *Pseudoniscus aculeatus* Nieszkowski, 1859* ..... S Saaremaa
10. *Pseudoniscus clarkei* Ruedemann, 1916 ..... S Pittsford, New York
11. *Pseudoniscus falcatus* (Woodward, 1868*a*) ..... S Lesmahagow
12. *Pseudoniscus roosevelti* Clarke, 1902 ..... S 'Bertie Waterlime'

† ***Bunaia*** **Clarke, 1919** ..... **Silurian**

13. '*Bunaia*' *heintzi* Størmer, 1934*a* ..... S Spitsbergen
14. *Bunaia woodwardi* Clarke, 1919* ..... S 'Bertie Waterlime'

† **BUNODIDAE Packard, 1896** ..... **Silurian**

† ***Bunodes* Eichwald, 1854** ..... **Silurian**

= † *Exapinurus* Nieszkowski, 1859

15. *Bunodes lunula* Eichwald, 1854* ..... S Saaremaa
    i. = *Bunodes rugosus* Eichwald, 1854 ..... S Saaremaa
    ii. = *Exapinurus schrenki* Nieszkowski, 1859 ..... S Saaremaa

† ***Limuloides* Woodward, 1865** ..... **Silurian**

= † *Hemiaspis* Woodward, 1864 [preoccupied]

16. *Limuloides limuloides* (Woodward, 1865) ..... S Ludlow
17. *Limuloides horridus* (Woodward, 1872*a*) ..... S Ludlow
18. *Limuloides salweyi* (Woodward, 1872*a*) ..... S Ludlow
    i. = *Hemiaspis tuberculatus* (Salter *in* Woodward, 1872*a*) S Ludlow
19. *Limuloides speratus* Woodward, 1872*a* ..... S Ludlow
    i. = *Hemiaspis optatus* (Salter *in* Woodward, 1872*a*) ..... S Ludlow

† ***Pasternakevia* Selden & Drygant, 1987** ..... **Silurian**

20. *Pasternakevia podolica* Selden & Drygant, 1987* ..... S Podolia

Planaterga *sensu* Lamsdell (2013*a*) also includes chasmataspids, eurypterids and arachnids

XIPHOSURA Latreille, 1802 ..... Ordovician – Recent

= MEROSTOMATA Dana, 1852

FAMILY UNSPECIFIED

† ***Kiaeria* Størmer, 1934*b*** ..... **Silurian**

21. *Kiaeria limuloides* Størmer, 1934*b** ..... S Ringerike

† ***Maldybulakia* Tesakov & Alekseev, 1998** ..... **Devonian**

= † *Lophodesmus* Tesakov & Alekseev, 1992 [preoccupied]

NB: Originally described as possible myriapods

22. *Maldybulakia angusi* Edgecombe, 1998 ..... D New South Wales
23. *Maldybulakia malcomi* Edgecombe, 1998 ..... D New South Wales
24. *Maldybulakia mirabilis* (Tesakov & Alekseev, 1992)* ..... D Kazakhstan

† ***Willwerathia* Størmer, 1969** ..... **Devonian**

25. *Willwerathia laticeps* (Størmer, 1936*a*)* ..... D Willwerath

† **'KASIBELINURIDAE' Pickett, 1993** ..... **Devonian**

= † ELLERIDAE Raymond, 1944

NB: A paraphyletic family group *sensu* Lamsdell (2016).

† ***Elleria* Raymond, 1944** ..... **Devonian**

26. *Elleria morani* (Eller, 1938*b*)* ..... D Pennsylvania

† ***Kasibelinurus* Pickett, 1993** ..... **Devonian**

27. *Kasibelinurus amicorum* Pickett, 1993* ..... D New South Wales

28. *Kasibelinurus yueya* Lamsdell, Xue & Selden, 2013 ..... D Yunann, China

† ***Lunataspis* Rudkin, Young & Nowlan, 2008** ..... **Ordovician**

29. *Lunataspis aurora* Rudkin, Young & Nowlan, 2008 ..... O Manitobia

possible kasibelinurids?

30. '*Belinurus*' *alleghenyensis* Eller, 1938*a* ..... D New York State

31. '*Belinurus*' *carterae* Eller, 1940 ..... D Pennsylvania

32. *'Prestwichia' randalli* Beecher, 1902 ..... D Pennsylvania

XIPHOSURIDA Latreille, 1802 ..... Ordovician – Recent

family uncertain

† **BELINURINA Zittel & Eastman, 1913** ..... **Carboniferous**

† **BELINURIDAE Zittel & Eastman, 1913** ..... **Carboniferous**

= † EUPROOPIDAE Eller, 1938*b*

= † LIOMESASPIDIDAE Raymond, 1944

† ***Alanops* Racheboeuf *et al*., 2002** ..... **Carboniferous**

33. *Alanops magnifica* Racheboeuf *et al*., 2002 ..... C Montceau-les-Mines

† ***Anacontium* Raymond, 1944** ..... **Permian**

34. *Anacontium brevis* Raymond, 1944 ..... P Oklahoma

35. *Anacontium carpenteri* Raymond, 1944 ..... P Oklahoma

† ***Bellinurus* Pictet, 1846** ..... **Carboniferous**

= † *Belinurus* König, 1851

= † *Steropsis* Baily, 1869

= † *Koenigiella* Raymond, 1944

NB: Pictet's 1846 name *Bellinurus* [*sic*] was based on a misspelling of *Belinurus* from König's unpublished plates, which themselves only became available posthumously as of 1851

36. *Bellinurus arcuatus* Baily, 1863 ..... C Coal Measues

37. *Bellinurus baldwini* Woodward, 1907*b* ..... C Coal Measues

38. *Bellinurus bellulus* Pictet, 1846 ..... C Coalbrookdale, UK

39. *Bellinurus carwayensis* Dix & Pringle, 1929 ..... C South Wales, UK

40. *Bellinurus concinnus* Dix & Pringle, 1929 ..... C South Wales, UK

41. *Bellinurus grandaevus* Jones & Woodward, 1899 ..... C Nova Scotia

42. *Bellinurus iswariensis* (Chernyshev, 1928) ..... C Donetz Basin

43. *Bellinurus kiltorkensis* Baily, 1869 ..... C Coal Measues

44. *Bellinurus koenigianus* Woodward, 1872*a* ..... C Coal Measues

45. *Bellinurus lacoei* Packard, 1885 ..... C Mazon Creek

46. *Bellinurus longicaudatus* Woodward, 1907*b* ..... C Coal Measues

47. *Bellinurus lunatus* (Martin, 1809) ..... C Mansfield, UK

48. *Bellinurus metschetensis* (Chernyshev, 1928) ..... C Donetz Basin

49. *Bellinurus morgani* Dix & Pringle, 1930 ..... C South Wales, UK
50. *Bellinurus pustulosus* Dix & Pringle, 1929 ..... C South Wales, UK
51. *Bellinurus reginae* Baily, 1863 ..... C Coal Measues
52. *Bellinurus stepanovi* (Chernyshev, 1928) ..... C Donetz Basin
53. *Bellinurus trechmanni* Woodward, 1918 ..... C Coal Measues
54. *Bellinurus trilobitoides* (Buckland, 1837)* ..... C Coalbrookdale, UK
55. *Bellinurus truemani* Dix & Pringle, 1929 ..... C South Wales, U

† ***Euproops* Meek, 1867** ..... **Carbon. – ?Permian**

= † *Prestwichia* Woodward, 1867 [preoccupied]

= † *Prestwichianella* Cockerell, 1905 [replacement name for *Prestwichia*]

56. *Euproops anthrax* (Prestwich, 1840) ..... C Coal Measues
57. *Euproops bifidus* Siegfried, 1972 ..... C Coal Measues
58. *Euproops cambrensis* Dix & Pringle, 1929 ..... C Coal Measues
59. *Euproops danae* (Meek & Worthen, 1865)* ..... C Coal Measures
    i. = *Euproops amiae* Woodward, 1918 ..... C Coal Measures
    ii. = *Euproops darrahi* Raymond, 1944 ..... C Coal Measures
    iii. = *Euproops graigolae* Dix & Pringle, 1929 ..... C South Wales
    iv. = *Euroops gwenti* Dix & Pringle, 1929 ..... C South Wales
    v. = *Euproops islwyni* Dix & Pringle, 1929 ..... C South Wales
    vi. = *Euproops kilmersdonensis* Ambrose & Romano, 1972 ..... C Kilmersdon, UK
    vii. = *Euproops laevicula* Raymond, 1944 ..... C Coal Measures
    viii. = *Euproops laticephalus* Raymond, 1944 ..... C Coal Measures
    ix. = *Euproops packardi* Willard & Jones, 1935 ..... C Coal Measures
    x. = *Prestwichia (Euproops) scheeleana* Ebert, 1892 ..... C Coal Measures
    xi. = *Euproops thompsoni* Raymond, 1944 ..... C Coal Measures
60. *Euproops longispina* Packard, 1885 ..... C Mazon Creek
61. *Euproops mariae* Crônier & Courville, 2005 ..... C Massif Central
62. *Euproops meeki* Dix & Pringle, 1929 ..... C South Wales
63. *Euproops nitida* Dix & Pringle, 1929 ..... C South Wales
64. *Euproops orientalis* Kobayashi, 1933 ..... ?P Korea
65. *Euproops rotundatus* Prestwich, 1840 ..... C Coal Measues

Euproops sp. *in* Brauckmann (1982) ..... C Piesberg, Germany

† ***Liomesaspis* Raymond, 1944** ..... **Carbon. – Permian**

= † *Pringlia* Raymond, 1944

= † *Palatinaspis* Malz & Poschmann, 1993

66. ?*Liomesaspis birtwelli* (Woodward, 1872*a*) ..... C Coal Measues
67. *Liomesaspis laevis* Raymond, 1944* ..... C Coal Measues
    xii. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 ..... C Saar-Nahe Basin
    xiii. = *Pringlia bispinosa* Raymond, 1944 ..... C Coal Measures
    xiv. = *Pringlia demaisterei* Vandenberghe, 1961 ..... C Coal Measures
    xv. = *Pringlia fritschi* Remy & Remy, 1959 ..... C Coal Measures
68. *Liomesaspis leonardensis* (Tasch, 1961) ..... P Annelly, Kansas

† ***Prolimulus*** **Frič, 1899** ..... **Carboniferous**

69. *Prolimulus woodwardi* Frič, 1899* ..... C Nýřany

LIMULINA Richter & Richter, 1929 ..... **Carbon. – Recent**

Unnanmed specimen in Krause *et al*. (2009) ..... Tr Ohrdruf, Germany

† ***Bellinuroopsis*** **Chernyshev, 1933** ..... **Carboniferous**

= † *Neobelinuropsis* Eller, 1938*a*

70. *Bellinuroopsis rossicus* Chernyshev, 1933* ..... C Coal Measures

† **ROLFEIIDAE Selden & Siveter, 1987** ..... **Carboniferous**

† ***Rolfeia*** **Waterston, 1985** ..... **Carboniferous**

71. *Rolfeia fouldenensis* Waterston, 1985* ..... C Fouldon, Scotland

† **PALEOLIMULOIDEA Raymond, 1944** ..... **Carbon. – Jurassic**

† **PALEOLIMULIDAE Raymond, 1944** ..... **Carbon. – Jurassic**

= † MESOLIMULIDAE (Størmer, 1952) [in part; see Reik & Gill 1971]

= † MORAVURIDAE Příbyl, 1967

= † DUBBOLIMULIDAE Pickett, 1984

† ***Limulitella*** **Størmer, 1952** ..... **Triassic – Jurassic**

= † *Limulites* Schimper, 1853 [preoccupied]

Limulitella sp. *in* Hauschke *et al*. (2004) ..... Tr Madagascar

?*Limulitella* sp. *in* Hauschke & Wilde (2008) ..... Tr Dallau, Germany

?*Limulitella* sp. *in* Hauschke *et al*. (2009) ..... Tr Winterswijk

72. *Limulitella bronnii* (Schimper, 1853)* ..... Tr Grés á Voltzia

i. = *Limulus sandbergeri* Kirchner , 1923 ..... Tr Germany

73. *Limulitella henkeli* Fritsch, 1906 ..... Tr Halle, Germany

74. ?*Limulitella liasokeuperensis* (Braun, 1860) ..... J Germany

75. *Limulitella vicensis* (Bleicher, 1897) ..... Tr Lorraine

76. *Limulitella volgensis* Ponomarenko, 1985 ..... Tr Moscow

† ***Paleolimulus*** **Dunbar, 1923** ..... **Carbon. – Triassic**

= † *Dubbolimulus* Pickett, 1984

77. *Paleolimulus fuchsbergensis* Hauschke & Wilde, 1987 ..... Tr northwest Germany

78. *Paleolimulus jakovlevi* Glushenko *in* Glushenko & Ivanov, 1961 ..... P Novoselovka, Ukraine

79. ?*Paleolimulus juresanensis* Chernyshev, 1933 ..... C Ural region

80. *Paleolimulus longispinus* Schram, 1979 ..... C Bear Gulch, Montana

81. *Paleolimulus peetae* (Pickett, 1984) ..... Tr New South Wales

82. *Paleolimulus signatus* (Beecher, 1904) ..... C–P Kansas, Illinois

i. = *Paleolimulus avitus* Dunbar, 1923* ..... P Kansas

Paleolimulus sp. *in* Ewington *et al*. (1989) ..... P Tasmania

?*Palaeolimulus* sp. *in* Hauschke & Wilde (2000) ..... Tr Harz, Germany

† ***Xaniopyramis*** **Siveter & Selden, 1987** ..... **Carboniferous**

83. *Xaniopyramis linseyi* Siveter & Selden, 1987* ..... C Weardale, UK

LIMULOIDEA Zittel, 1885 ..... **Carbon. – Recent**

unnamed specimen *in* Hauschke & Wilde (1989) ..... P Korbacher Bucht

† ***Casterolimulus* Holland, Erickson & O'Brien, 1975** ..... **Cretaceous**

84. *Casterolimulus kletti* Holland, Erickson & O'Brien, 1975* ..... K North Dakota

† ***Panduralimulus* Allen & Feldman, 2005** ..... **Permian**

85. *Panduralimulus babcocki* Allen & Feldman, 2005 ..... P Texas

† ***Valloisella* Racheboeuf, 1992** ..... **Carboniferous**

86. *Valloisella lievinensis* Racheboeuf, 1992* ..... C northern France

† **AUSTROLIMULIDAE Riek, 1955** ..... **Triassic**

† ***Austrolimulus* Riek, 1955** ..... **Triassic**

87. *Austrolimulus fletcheri* Riek, 1955* ..... Tr New South Wales

LIMULIDAE Zittel, 1885 ..... **Triassic – Recent**

= † MESOLIMULIDAE (Størmer, 1952) [in part; see Reik & Gill 1971]

?Limulidae gen. et sp. indet *in* Hauschke *et al*. (1992) ..... Tr Rüdersdorf, Germany

† ***Crenatolimulus* Feldmann, Schweitzer, Dattilo & Farlow, 2011** ..... **Cretaceous**

88. *Crenatolimulus paluxyenis* Feldmann, Schweitzer, Dattilo & Farlow, 2011* ..... K Texas

***Limulus* Müller, 1785** ..... **Triassic – Recent**

89. *Limulus coffini* Reeside & Harris, 1952 ..... K Colorado

90. *Limulus darwini* Kin & Błażejowski, 2014 ..... J Kcynia, Poland

91. *"Limulus" decheni* Zinken, 1862 ..... Pa Teuchern, Germany

[NB: Hauschke & Wilde (2004) considered this intermediate between *Limulus* and *Tachypleus*]

92. *Limulus priscus* Münster, 1839 ..... Tr Rottweil, Germany

93. *Limulus woodwardi* Watson, 1909 ..... J Northamptonshire

† ***Mesolimulus* Størmer, 1952** ..... **Triassic – Cretaceous**

Mesolimulus sp. *in* Ross & Vannier (2002) ..... J southern England

94. *Mesolimulus crespelli* Via Boada, 1987 ..... Tr Tarragona, Spain

95. *Mesolimulus sibiricus* Ponomarenko, 1985 ..... J Siberia

96. *Mesolimulus walchi* (Desmarest, 1822)* ..... J Solnhofen, etc.

i. = *Limulus brevicauda* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen

ii. = *Limulus brevispina* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen

iii. = *Limulus intermedius* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen

iv. = *Limulus ornatus* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen

v. = *Limulus sulcatus* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen

vi. = *Limulus giganteus* Münster, 1840 ..... J Solnhofen

NB: not entirely clearly that all these names have been formally synonymised

† ***Psammolimulus* Lange, 1923** ..... **Triassic**

97. *Psammolimulus gottingensis* Lange, 1923* ..... Tr Göttingen, Germany

***Tachypleus* Leach, 1819** ..... **Triassic – Recent**

= † *Heterolimulus* Via Boada & Villalta, 1966

98. *Tachypleus gadeai* (Via Boada & Villalta, 1966) ..... Tr Tarragona, Spain

99. *Tachypleus syriacus* (Woodward, 1879) ..... K Lebanon

† ***Tarracolimulus* Romero & Via Boada, 1977** ..... **Triassic**

100. *Tarracolimulus rieki* Romero & Via Boada, 1977* ..... Tr Tarragona, Spain

† ***Victalimulus* Riek & Gill, 1971** ..... **Cretaceous**

101. *Victalimulus mcqueeni* Riek & Gill, 1971* ..... K Koonwarra

† ***Yunnanolimulus* Zhang, Hu, Zhou, Iv & Bai, 2009** ..... **Triassic**

102. *Yunnanolimulus luopingensis* Zhang, Hu, Zhou, Iv & Bai, 2009* ..... Tr Luoping, China

INCERTAE SEDIS

† ***Belinuropsis* Matthew 1910**

103. *Belinuropsis wigudensis* Matthew, 1910 ..... C Coal Measures

NOMEN DUBIUM

1. *Limulus nathorsti* Jackson, 1906 ..... J southern Sweden

NOMINA NUDA

1. *Euproops rotunda major* (Woodward, 1907) ..... C Sparth Bottoms
2. *Veltheimia bicorns* Beyschlag & von Fritsch, 1899 ..... C? Rotliegend

MISIDENTIFICATIONS

1. *Belinurus carterae* Eller, 1940 [synonym of *P. eriensis*; see below]
2. *Bifarius comptae* Tasch, 1961 [insect] ..... P Kansas
3. *Eolimulus alatus* Moberg, 1892 [doubtful xiphosuran] ..... Є Öland, Sweden
4. *Elmocephalus carltonensis* (Tasch, 1963) [?crustacean] ..... P Kansas
5. *Hemiaspis tunnecliffei* Chapman, 1932 [trilobite] ..... S Victoria
6. *Hypatocephala rugosa* Tasch, 1961 [insect] ..... P Kansas
7. *Lemoneites ambiguus* Flower, 1969 [Echinodermata] ..... O Texas
8. *Lemoneites gomphocaudatus* Flower, 1969 [Echinodermata] ..... O Texas
9. *Lemoneites mirabilis* Flower, 1969 [Echinodermata] ..... O Texas
10. *Lemoneites simplex* Flower, 1969 [Echinodermata] ..... O Texas
11. *Pincombella belmontensis* Chapman, 1932 [insect – Hemiptera] ..... P New South Wales
12. *Permolimulinella raris* Tasch, 1963 [insect] ..... P Kansas
13. *Strongylocephalus charactis* Tasch, 1961 [insect] ..... P Kansas
14. *Protolimulus eriensis* [Xiphosuran trace fossil: see *Selenichnites*]

4 Recent species

CHASMATASPIDIDA

11 currently valid species of fossil chasmataspidid

- there are some doubts about the monophyly of Chasmataspidida

† **CHASMATASPIDIDA Caster & Brooks, 1956** ..... **?Camb. – Devonian**

= † DIPLOASPIDIDA Simonetta & Delle Cave, 1978

† **CHASMATASPIDIDAE Caster & Brooks, 1956** ..... **?Camb. – Ordovician**

† ***Chasmataspis*** **Caster & Brooks, 1956** ..... **?Camb. – Ordovician**

?*Chasmataspis* sp. resting traces *in* Dunlop *et al*. (2004) ..... Є Texas

1. *Chasmataspis laurencii* Caster & Brooks, 1956* ..... O Tennessee

† **DIPLOASPIDIDAE Størmer, 1972** ..... **Silurian – Devonian**

= † HETEROASPIDIDAE Størmer, 1972

† ***Achanarraspis*** **Anderson, Dunlop & Trewin, 2000** ..... **Devonian**

2. *Achanarraspis reedi* Anderson, Dunlop & Trewin, 2000* ..... D Achanarras, Scotland

† ***Diploaspis*** **Størmer, 1972** ..... **Devonian**

3. *Diploaspis casteri* Størmer, 1972* ..... D Alken an der Mosel
4. *Diploaspis muelleri* Poschmann, Anderson & Dunlop, 2005 ..... D Hombach, Germany

† ***Dvulikiaspis*** **Marshall, Lamsdell, Shpinev & Braddy, 2014** ..... **Devonian**

5. *Dvulikiaspis menneri* (Novojilov, 1959)* ..... D Siberia

† ***Forfarella*** **Dunlop, Anderson & Braddy, 1999** ..... **Devonian**

6. *Forfarella mitchelli* Dunlop, Anderson & Braddy, 1999* ..... D Arbroath, Scotland

† ***Heteroaspis*** **Størmer, 1972**

7. *Heteroaspis stoermeri* (Novojilov, 1959)* ..... D Siberia; Alken
   i. = *Heteroaspis novojilovi* Størmer, 1972 ..... D Alken an der Mosel

† ***Loganamaraspis*** **Tetlie & Braddy, 2004*a*** ..... **Silurian**

8. *Loganamaraspis dunlopi* Tetlie & Braddy, 2004*a** ..... S Lesmahagow

† ***Nahlyostaspis*** **Marshall, Lamsdell, Shpinev & Braddy, 2014** ..... **Devonian**

9. *Nahlyostaspis bergstroemi* Marshall, Lamsdell, Shpinev & Braddy, 2014* ..... D Siberia

† ***Octoberaspis*** **Dunlop, 2002** ..... **Devonian**

10. *Octoberaspis ushakovi* Dunlop, 2002* ..... D October Rev. Is

† ***Skrytyaspis*** **Marshall, Lamsdell, Shpinev & Braddy, 2014** ..... **Devonian**

11. *Skrytyaspis andersoni* Marshall, Lamsdell, Shpinev & Braddy, 2014* .... D Siberia

no Recent species

EURYPTERIDA

250 currently valid species of fossil sea scorpion

- Tollerton (1989) suggested removing Hibbertopteroidea from Euryperida *s.s.*, but this has not been adopted by subsequent workers and they are treated here as derived stylonurid eurypterids

† **EURYPTERIDA Burmeister, 1843** ..... **Ordovician – Permian**

= † GIGANTOSTRACA Haeckel, 1866

= † CYRTOCTENIDA Størmer & Waterston, 1968

† **STYLONURINA Diener, 1924** ..... **Ordovician – Permian**

= † WOODWARDOPTERINA Kjellesvig-Waering, 1959

= † HIBBERTOPTERINA Størmer, 1974

† **RHENOPTEROIDEA Størmer, 1951** ..... **Ordovician – Devonian**

= † BRACHYOPTERELLOIDEA Tollerton, 1989

† **RHENOPTERIDAE Størmer, 1951** ..... **Ordovician – Devonian**

= † BRACHYOPTERELLIDAE Tollerton, 1989

† ***Brachyopterella* Kjellesvig-Waering, 1966*a*** ..... **Silurian**

1. *Brachyopterella pentagonalis* (Størmer, 1934*b*)* ..... S Ringerike, Norway
2. *Brachyopterella ritchiei* Waterston, 1979 ..... S Slot Burn, Scotland

† ***Brachyopterus* Størmer, 1951** ..... **Ordovician**

3. *Brachyopterus stubblefieldi* Størmer, 1951* ..... O Montgomeryshire

† ***Kiaeropterus* Waterston, 1979** ..... **Silurian**

4. *Kiaeropterus cyclophthalmus* (Laurie, 1892) ..... S Pentland Hills, Scotl.
5. *Kiaeropterus ruedemanni* (Størmer, 1934*b*)* ..... S Ringerike, Norway

† ***Leiopterella* Lamsdell, Braddy, Loeffler & Dineley, 2010** ..... **Devonian**

6. *Leiopterella tetliei* Lamsdell, Braddy, Loeffler & Dineley, 2010 ..... D Nunavut, Canada

† ***Rhenopterus* Størmer, 1936*a*** ..... **Devonian**

7. *Rhenopterus diensti* Størmer, 1936*a** ..... D Willwerath, Germ.
   i. = *Rhenopterus latus* Størmer, 1936*a* ..... D Willwerath, Germ.
8. *Rhenopterus macrotuberculatus* Størmer, 1974 ..... D Alken an der Mosel
9. *Rhenopterus tuberculatus* Størmer, 1936*a* ..... D Overath, Germ.

† **STYLONUROIDEA Kjellesvig-Waering, 1959** ..... **Silurian – Devonian**

† **PARASTYLONURIDAE Waterston, 1979** ..... **Siliurian – Devonian**

† ***Parastylonurus* Kjellesvig-Waering, 1966*a*** ..... **Silurian**

10. *Parastylonurus hendersoni* Waterston, 1979 ..... S Pentland Hills, Scotl.
11. *Parastylonurus ornatus* (Laurie, 1892)* ..... S Scotland
12. ?*Parastylonurus sigmoidalis* Kjellesvig-Waering, 1971 ..... S Shropshire, UK

† ***Stylonurella*** **Kjellesvig-Waering, 1966*a*** ..... **Silurian – Devonian**

13. *Stylonurella* ?*arnoldi* (Ehlers, 1935) ..... D Pennsylvania, USA
14. *Stylonurella* ?*beecheri* (Hall, 1884*c*) ..... D Pennsylvania, USA
15. *Stylonurella spinipes* (Page, 1859)* ..... S Kip Burn, Scotland
    i. = *Stylonurus logani* Woodward, 1872 ..... S Kip Burn, Scotland

† **STYLONURIDAE Diener, 1924** ..... **Silurian–Devonian**

= † LAURIEIPTERIDAE Kjellesvig-Waering, 1966*a*

= † PAGEIDAE Kjellesvig-Waering, 1966*a*

† ***Ctenopterus*** **Clarke & Ruedemann, 1912** ..... **Silurian**

16. *Ctenopterus cestrotus* (Clarke, 1907)* ..... S Otisville, New York

† ***Laurieipterus*** **Kjellesvig-Waering, 1966*a*** ..... **Silurian**

17. *Laurieipterus elegans* (Laurie, 1899)* ..... S Pentland Hills, Scotl.

† ***Pagea*** **Waterston, 1962** ..... **Devonian**

18. *Pagea plotnicki* Lamsdell, Braddy, Loeffler & Dineley, 2010 ..... D Nunavut, Canada
19. *Pagea sturrocki* Waterston, 1962* ..... D Old Red Sandstone
20. *Pagea symondsii* (Salter, 1859) ..... D Old Red Sandstone

† ***Stylonurus*** **Page, 1856** ..... **Devonian**

21. *Stylonurus powriensis* Page, 1856* ..... D Mid. Valley Scotland
    i. = *Stylonurus ensiformis* Woodward, 1864 ..... D Mid. Valley Scotland
22. ?*Stylonurus shaffneri* Willard, 1933 ..... D Pennsylvania

† **KOKOMOPTEROIDEA Kjellesvig-Waering, 1966*a*** ..... **Silurian**

† **KOKOMOPTERIDAE Kjellesvig-Waering, 1966*a*** ..... **Silurian**

† ***Kokomopterus*** **Kjellesvig-Waering, 1966*a*** ..... **Silurian**

23. *Kokomopterus longicaudatus* (Clarke & Ruedemann, 1912)* ..... S Kokomo, Indiana

† ***Lamontopterus*** **Waterston, 1979** ..... **Silurian**

24. *Lamontopterus knoxae* (Lamont, 1955)* ..... S Pentland Hills, Scotl.

† **HARDIEOPTERIDAE Tollerton, 1989** ..... **Silurian – Devonian**

† ***Hallipterus*** **Kjellesvig-Waering, 1963*a*** ..... **Devonian**

25. *Hallipterus excelsior* (Hall, 1884*a*)* ..... D New York
    i. = *Dolichocephala lacoana* Claypole, 1883 ..... D Pennsylvania

† ***Hardieopterus*** **Waterston, 1979** ..... **Silurian**

26. ?*Hardieopterus lanarkensis* Waterston, 1979 ..... S Patrick Burn, Scotl.
27. *Hardieopterus macrophthalmus* (Laurie, 1892)* ..... S Pentland Hills, Scotl.
28. *Hardieopterus megalops* (Salter, 1859) ..... S Herefordshire, Engl.
29. *Hardieopterus myops* (Clarke, 1907) ..... S eastern USA

† ***Tarsopterella*** **Størmer, 1951** ..... **Devonian**

30. *Tarsopterella scotica* (Woodward, 1872)* ..... D Mid. Valley Scotland
    i. = *?Erieopterus brewsteri* Woodward, 1864 ..... D Mid. Valley Scotland
    ii. = *Stylonurus armatus* Page, 1867 ..... D Mid. Valley Scotland

† **MYCTEROPOIDEA Cope, 1886** ..... **Silurian – Permian**

= † **HIBBERTOPTEROIDEA Kjellesvig-Waering, 1959**

† **DREPANOPTERIDAE Kjellesvig-Waering, 1966*a*** ..... **Silurian – Devonian**

† ***Drepanopterus*** **Laurie, 1892** ..... **Silurian – Devonian**

31. *Drepanopterus abonensis* Simpson, 1951 ..... D Portishead, England
32. *Drepanopterus odontospathus* Lamsdell, 2012..... D Arctic Canada
33. *Drepanopterus pentlandicus* Laurie, 1892* ..... S Pentland Hills, Scotl.

† **HIBBERTOPTERIDAE Kjellesvig-Waering, 1959** ..... **Devonain – Permian**

= † CYRTOCTENIDAE Waterston, Oelofsen & Oosthuizen, 1985

† ***Campylocephalus*** **Eichwald, 1860** ..... **Carboniferous – Perm.**

34. *Campylocephalus oculatus* (Kutorga, 1838)* ..... P Dourasovo, Russia
35. *Campylocephalus permianus* (Ponomarenko, 1985)..... P Komi, Russia
36. ?*Campylocephalus salmi* Stur, 1877 ..... C Ostrava, Czech Rep.

† ***Cyrtoctenus*** **Størmer & Waterston, 1968** ..... **Devonian – Carbon.**

37. *Cyrtoctenus caledonicus* (Salter, 1863) ..... C East Lothian, Scotl.
38. *Cyrtoctenus dewalquei* (Fraipont, 1889) ..... D Pont-de-Bonne, Belg.
    i. = *Eurypterus dewalquei* var. *longimanus* Fraipont, 1889 ..... D Pont-de-Bonne, Belg.
39. *Cyrtoctenus dicki* (Peach, 1883) ..... C Thurso, Scotland
40. *Cyrtoctenus ostraviensis* (Augusta & Přibyl, 1951) ..... C Ostrava, Czech Rep.
41. *Cyrtoctenus peachi* Størmer & Waterston, 1968* ..... C Berwickshire, Scotl.
42. *Cyrtoctenus wittebergensis* Waterston, Oelofsen & Oosthuizen, 1985 ... C Cape Province

† ***Dunsopterus*** **Waterston, 1968** ..... **Carboniferous**

43. *Dunsopterus stevensoni* (Etheridge Jr, 1877)* ..... C Berwickshire, Scotl.

† ***Hastimima*** **White, 1908** ..... **Permian**

44. *Hastimima whitei* White, 1908* ..... P Brazil

† ***Hibbertopterus*** **Kjellesvig-Waering, 1959** ..... **Carboniferous – Perm.**

45. ?*Hibbertopterus hibernicus* (Baily, 1872) ..... C Kiltorcan, Ireland
46. *Hibbertopterus scouleri* (Hibbert, 1836)*..... C West Lothian, Scotl.

† ***Vernonopterus*** **Waterston, 1957** ..... **Carboniferous**

47. *Vernonopterus minutisculptus* (Peach, 1907)* ..... C Lanarkshire, Scotland

† **MYCTEROPIDAE Cope, 1886** ..... **Carboniferous – Perm.**

= † WOODWARDOPTERIDAE Kjellesvig-Waering, 1959

† ***Megarachne*** **Hünicken, 1980** ..... **Carboniferous – Perm.**

48. *Megarachne servinei* Hünicken, 1980* ..... C–P Santa Rosa, Argen.

† ***Mycterops*** **Cope, 1886** ..... **Carboniferous**

49. ?*Mycterops blairi* Waterston, 1968 ..... C Loanhead, Scotland
50. *Mycterops matthieui* Pruvost, 1924 ..... C Charleroi, Belgium
51. *Mycterops ordinatus* Cope, 1886*..... C Channelton, PA

52. ?*Mycterops whitei* Schram, 1984 ..... C Crescent, Iowa

† ***Woodwardopterus* Kjellesvig-Waering, 1959** ..... **Carboniferous**

53. *Woodwardopterus scabrosus* (Woodward, 1887)* ..... C Glencartholm, Scotl.

STYLONURINA *incertae sedis*

† ***Stylonuroides* Kjellesvig-Waering, 1966*a*** ..... **Silurian – Devonian**

54. *Stylonuroides dolichopteroides* (Størmer, 1934*b*)* ..... S Ringerike, Norway

55. *Stylonuroides orientalis* Shpinev, 2012 ..... D Lake Shunet, Siberia

† **EURYPTERINA Burmeister, 1843** ..... **Ordovician – Permian**

† **ONYCHOPTERELLOIDEA Lamsdell, 2011** ..... **Ordovician–Silurian**

† **ONYCHOPTERELLIDAE Lamsdell, 2011** ..... **Ordovician–Silurian**

= † ALKENOPTERIDAE Poschmann & Tetlie, 2004

NB: priority of the family names must be clarified

† ***Alkenopterus* Størmer, 1974** ..... **Devonian**

56. *Alkenopterus brevitelson* Størmer, 1974* ..... D Alken an der Mosel

57. *Alkenopterus burglahrensis* Poschmann & Tetlie, 2004 ..... D Westerwald, Germ.

† ***Onychopterella* Størmer, 1951** ..... **Ordovician–Silurian**

58. *Onychopterella augusti* Braddy, Aldridge & Theron, 1995 ..... O Soom Shale, S. Afr.

59. *Onychopterella kokomoensis* (Miller & Gurley, 1896)* ..... S Kokomo, Indiana

i. = *Eurypterus ranilarva* Clarke & Ruedemann, 1912 ..... S Kokomo, Indiana

60. ?*Onychopterella pumilus* (Savage, 1916) ..... S Essex, Illinois

† ***Tylopterella* Størmer, 1951** ..... **Silurian**

61. *Tylopterella boylei* (Whiteaves, 1884) ..... S Ontario, Canada

† **MOSELOPTEROIDEA Lamsdell, Braddy & Tetlie, 2010** ..... **Silurian – Devonian**

† **MOSELOPTERIDAE Lamsdell, Braddy & Tetlie, 2010** ..... **Devonian**

† ***Moselopterus* Størmer, 1974** ..... **Devonian**

62. *Moselopterus ancylotelson* Størmer, 1974* ..... D Alken an der Mosel

63. *Moselopterus elongatus* Størmer, 1974 ..... D Alken an der Mosel

64. *Moselopterus lancmani* (Delle, 1937) ..... D Plavinas, Latvia

† ***Stoemeropterus* Lamsdell, 2011** ..... **Silurian**

65. *Stoermeropterus conicus* (Laurie, 1892)* ..... S Pentland Hills

i. = *Drepanopterus bembycoides* Laurie, 1899 ..... S Pentland Hills

ii. = *Drepanopterus lobatus* Laurie, 1899 ..... S Pentland Hills

66. *Stoermeropterus latus* (Størmer, 1934*b*) ..... S Ringerike, Norway

67. *Stoermeropterus nodosus* (Kjellesvig-Waering & Leutze, 1966) ..... S Bass, West Virginia

† ***Vinetopterus* Poschmann & Tetlie, 2004** ..... **Devonian**

68. *Vinetopterus martini* Poschmann & Tetlie, 2004 ..... D Westerwald, Germ.

69. *Vinetopterus struvei* (Størmer, 1974)* ..... D Alken an der Mosel

† **MEGALOGRAPTOIDEA Caster & Kjellesvig-Waering, 1955** ..... **Ordovician**

† **MEGALOGRAPTIDAE Caster & Kjellesvig-Waering, 1955** ..... **Ordovician**

† ***Echinognathus*** **Walcott, 1882** ..... **Ordovician**

70. *Echinognathus clevelandi* Walcott, 1882* ..... O New York

† ***Megalograptus*** **Miller, 1874** ..... **Ordovician**

71. *Megalograptus alveolatus* (Shuler, 1915) ..... O Virginia
72. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 ..... O Ohio
73. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
74. *Megalograptus welchi* Miller, 1874* ..... O Ohio
75. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 ..... O Ohio

† **'EURYPTEROIDEA' Burmeister, 1843** ..... **Ordovician – Devonian**

NB: Lamsdell *et al*. (2013) questioned the monophyly of this superfamily

Family uncertain

† ***Pentlandopterus*** **Lamsdell, Hoşgör & Selden, 2013** ..... **Ordovician**

76. *Pentlandopterus minor* (Laurie, 1899)* ..... S Pentland Hills, Scotl.

† ***Paraeurypterus*** **Lamsdell, Hoşgör & Selden, 2013** ..... **Ordovician**

77. *Paraeurypterus anatoliensis* Lamsdell, Hoşgör & Selden, 2013*..... O Şort Tepe, Turkey

† **DOLICHOPTERIDAE Kjellesvig-Waering & Størmer, 1952** ..... **Silurian – Devonian**

† ***Clarkeipterus*** **Kjellesvig-Waering, 1966 [a/b?]** ..... **Silurian**

78. *Clarkeipterus ?otisius* (Clarke, 1907) ..... S eastern USA
79. *Clarkeipterus testudineus* (Clarke & Ruedeman, 1912)* ..... S New York

† ***Dolichopterus*** **Hall, 1859** ..... **Silurian**

80. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979..... S Gotland, Sweden
81. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 ..... S New York
82. *Dolichopterus macrocheirus* Hall, 1859*..... S New York / Canada
83. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912..... S New York / Canada

† ***Ruedemannipterus*** **Kjellesvig-Waering, 1966** ..... **Silurian**

84. *Ruedemannipterus stylonuroides* (Clarke & Ruedemann, 1912)*..... S Otisville, New York

† **EURYPTERIDAE Burmeister, 1843** ..... **Silurian**

† ***Eurypterus*** **de Kay, 1825** ..... **Silurian**

= † *Baltoeurypterus* Størmer, 1973

85. ?*Eurypterus cephalaspis* Salter, 1856 ..... S Herefordshire, Engl.
86. *Eurypterus dekayi* Hall, 1859 ..... S New York / Ontario
87. *Eurypterus flintstonensis* Swartz, 1923 ..... S eastern USA
88. *Eurypterus hankeni* Tetlie, 2006*a* ..... S Ringerike, Norway
89. *Eurypterus henningsmoeni* (Tetlie, 2002)…….. ..... S Bærum, Norway
90. *Eurypterus laculatus* Kjellesvig-Waering, 1958 ..... S New York / Ontario
91. *Eurypterus lacustris* Harlan, 1834 ..... S New York / Ontario
    i. = *Eurypterus pachycheirus* Hall, 1859 ..... S New York / Ontario
    ii. = *Eurypterus robustus* Hall, 1859 ..... S New York / Ontario

92. *Eurypterus leopoldi* Tetlie, 2006*a* ..... S Somerset Is., Canada
93. *Eurypterus megalops* Clarke & Ruedemann, 1912 ..... S New York
94. *Eurypterus ornatus* Leutze, 1958 ..... S Fayette, Ohio
95. *Eurypterus pittsfordensis* Sarle, 1903 ..... S Pittsford, New York
96. *Eurypterus quebecensis* Kjellesvig-Waering, 1958 ..... S Quebéc, Canada
97. *Eurypterus remipes* DeKay, 1825* ..... S New York / Ontario
    i. = *Carcinosoma trigona* (Ruedemann, 1916)..... S New York
98. *Eurypterus serratus* (Jones & Woodward, 1888) ..... S Gotland, Sweden
99. *Eurypterus tetragonophthalmus* Fischer, 1839 ..... S Saaremaa, Estonia
    i. = *Eurypterus fischeri* Eichwald, 1854 ..... S Estonia / Ukraine
    ii. = *Eurypterus fischeri* var. *rectangularis* Schmidt, 1883... S Saaremaa, Estonia

† **ERIEOPTERIDAE Tollerton, 1989** ..... **Silurian – Devonian**

† ***Erieopterus* Kjellesvig-Waering, 1958** ..... **Silurian – Devonian**

100. *Erieopterus eriensis* (Whitfield, 1882)..... S Ohio
101. *Erieopterus hypsophthalmus* Kjellesvig-Waering, 1958..... S Ohio
102. ?*Erieopterus laticeps* (Schmidt, 1883) ..... S Saaremaa, Ringerike
103. ?*Erieopterus limuloides* (Kjellesvig-Waering, 1948*a*) ..... S Kokomo, Indiana
104. *Erieopterus microphthalmus* (Hall, 1859)*..... D New York / Canada
105. ?*Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
106. *?Erieopterus statzi* Størmer, 1936*a* ..... D Siegburg, Germany
107. ?*Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 ..... S Michigan

† **STROBILOPTERIDAE Lamsdell & Selden, 2013** ..... **Silurian – Devonian**

† ***Buffalopterus* Kjellesvig-Waering & Heubusch, 1962**..... **Silurian**

108. *Buffalopterus pustulosus* (Hall, 1859)*..... S New York / Ontario
    i. = *Eurypterus giganteus* Pohlman, 1882..... S New York / Ontario
    ii. = *Pterygotus globicaudatus* Pohlman, 1882..... S New York / Ontario

† ***Strobilopterus* Ruedemann, 1935** ..... **Silurian – Devonian**

    = † *Syntomopterus* Kjellesvig-Waering, 1961 [preoccupied]
    = † *Syntomopterella* Tetlie, 2007 [replacement name]

109. *Strobilopterus laticeps* (Schmidt, 1883) ..... S Saaremaa, Estonia
    i. = *Dolichopterus stoermeri* Caster & Kjellesvig-Waering, 1956 ..... S Saaremaa, Estonia
110. *Strobilopterus princetonii* (Ruedemann, 1934)* ..... D Wyoming, USA
    i. = *Erieopterus latus* Ruedemann, 1935 ..... D Wyoming, USA
111. *Strobilopterus proteus* Lamsdell & Selden, 2013 ..... D Wyoming, USA
112. *Strobilopterus richardsoni* (Kjellesvig-Waering, 1961*a**) ..... D Ohio

† **DIPLOPERCULATA Lamsdell, Hoşgör & Selden, 2013** ..... **Ordovician – Devonian**

† **CARCINOSOMATOIDEA Størmer, 1934*b*** ..... **Ordovician – Devonian**

    = † MIXOPTEROIDEA Caster & Kjellesvig-Waering, 1955

† **CARCINOSOMATIDAE Størmer, 1934*b*** ..... **Ordovician – Devonian**

† ***Carcinosoma*** **Claypole, 1890*b***..... **Silurian**

= † *Eurysoma* Claypole, 1890*a* [preoccupied]

113. ?*Carcinosoma harleyi* Kjellesvig-Waering, 1961*b* ..... S England

114. *Carcinosoma libertyi* Copeland & Bolton, 1960 ..... S Manitoulin I., Canada

115. *Carcinosoma newlini* (Claypole, 1890*a*)* ..... S Kokomo, Indiana

i. = *Carcinosoma ingens* Claypole, 1894 ..... S Kokomo, Indiana

116. ?*Carcinosoma punctatum* (Salter *in* Huxley & Salter, 1859) ..... S England

117. *Carcinosoma scorpioides* (Woodward, 1868)..... S Lesmahagow

i. = *Pterygotus raniceps* Woodward, 1868 ..... S Lesmahagow

118. *Carcinosoma scoticus* (Laurie, 1899)..... S Pentland Hills, Scotl.

119. ?*Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 ..... S Pittsford, New York

† ***Eocarcinosoma*** **Caster & Kjellesvig-Waering, 1964** ..... **Ordovician**

120. *Eocarcinosoma batrachophthalmus* Caster & Kjellesvig-Waering, 1964* ..... O Ohio

† ***Eusarcana*** **Strand, 1942**..... **Silurian – Devonian**

= † *Eusarcus* Grote & Pitt, 1875 [preoccupied]

= † *Paracarcinosoma* Caster & Kjellesvig-Waering, 1964

121. *Eusarcana acrocephalus* (Semper, 1898)..... S–D Barrandian area

122. *Eusarcana obesus* (Woodward, 1868)..... S Lesmahagow

123. *Eusarcana scorpionis* (Grote & Pitt, 1875)*..... S New York / Ontario

† ***Rhinocarcinosoma*** **Novojilov, 1962** ..... **Silurian**

124. *Rhinocarcinosoma cicerops* (Clarke, 1907) ..... S Otisville, New York

125. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 ..... S Dô Son, Vietnam

126. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)*..... S Clinton, New York

† **MIXOPTERIDAE Caster & Kjellesvig-Waering, 1955** ..... **Silurian**

= † LANARKOPTERIDAE Tollerton, 1989

† ***Lanarkopterus*** **Ritchie, 1968** ..... **Silurian**

127. *Lanarkopterus dolichoschelus* (Størmer, 1936*b*)*..... S Scotland

† ***Mixopterus*** **Ruedemann, 1921** ..... **Silurian**

128. *Mixopterus kiaeri* Størmer, 1934*b* ..... S Ringerike, Norway

129. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)*..... S New York

130. *Mixopterus simonsoni* Schmidt, 1883 ..... S Saaremaa, Estonia

† **'WAERINGOPTEROIDEA'**..... **Silurian – Devonian**

NB: Superfamily name appears to be derived from a thesis; a family Waeringopteridae has not been formally published

† ***Grossopterus*** **Størmer, 1934*c*** ..... **Devonian**

131. *Grossopterus overathi* (Gross, 1933)* ..... D Overath

132. *Grossopterus inexpectans* (Ruedemann, 1921) ..... D Gilboa

† ***Orcanopterus*** **Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** ..... **Ordovician**

133. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005* ..... O Manitoulin I., Canada

† ***Waeringopterus* Leutze, 1961** ..... **Silurian**

134. *Waeringopterus apfeli* Leutze, 1961 ..... S New York / Ontario

135. *Waeringopterus cumberlandicus* (Swartz, 1923)* ..... S West Virginia

i. = *Eurypterus swartzi* Kjellesvig-Waering, 1958 ..... S West Virginia

† **ADELOPHTHALMOIDEA Tollerton, 1989** ..... **Devonian – Permian**

† **ADELOPHTHALMIDAE Tollerton, 1989** ..... **Devonian – Permian**

† ***Adelopthalmus* Jordan *in* Jordan & von Mayer, 1854** ..... **Devonian – Permian**

= † *Lepidoderma* Reuss, 1855

= † *Anthraconectes* Meek & Worthen, 1868 [a/b?]

= † *Polyzosternites* Goldenberg, 1873

= † *Glyptoscorpius* Peach, 1882

136. *Adelophthalmus approximatus* (Hall & Clarke, 1888) ..... C Pennsylvania, USA

137. *Adelophthalmus asturica* (Melendez, 1971) ..... C d'Ablana, Spain

138. *Adelophthalmus bradorensis* (Bell, 1922) ..... C N. Campbelltown

139. *Adelophthalmus cambieri* (Pruvost, 1930) ..... C Charleroi, Belgium

140. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) ..... C Donets, Ukraine

141. *Adelophthalmus chinensis* (Grabau, 1920) ..... C–P Zhaozezhuang

142. *Adelophthalmus corneti* (Pruvost, 1939) ..... C Quaregnon, Belgium

143. *Adelophthalmus douvillei* (de Lima, 1890) ..... P Bussaco, Portugal

144. *Adelophthalmus dumonti* (Stainier, 1917) ..... C Mechelen-sur-Meuse

145. *Adelophthalmus granosus* Jordan *in* Jordan & von Meyer, 1854* ..... C Saarbrücken, Germ.

146. *Adelophthalmus imhofi* (Reuss, 1855) ..... C Vlkys, Czech Rep.

147. *Adelophthalmus irinae* Shpinev, 2006 ..... C Krasnoyarsk, Russia

148. *Adelophthalmus kidstoni* (Peach, 1888) ..... C Radstock, England

149. *?Adelophthalmus lohesti* (Dewalque *in* Fraipont 1889) ..... D Pont de Bonne, Belg.

150. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 ..... P New Mexico

151. *Adelophthalmus mansfieldi* (Hall, 1877) ..... C Pennsylvania

i. = *Eurypterus stylus* Hall, 1884 ..... C Pennsylvania

152. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) ..... C Illinois

153. *Adelophthalmus moyseyi* (Woodward, 1907*a*) ..... C Ilkeston, Blaengarw

i. = *Eurypterus derbiensis* Woodward, 1907*a* ..... C Ilkeston, England

154. *Adelophthalmus nebraskensis* (Barbour, 1914) ..... P Nebraska

155. *Adelophthalmus pennsylvanicus* (Hall, 1877) ..... C Pennsylvania

156. ?*Adelophthalmus perornatus* (Peach, 1882) ..... C Glencartholm, Scotl.

157. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948*b* ..... C Lens, France

158. *Adelophthalmus piussii* Lamsdell, Simonetto & Selden 2013 ..... C Carnic Alps, Italy

159. ?*Adelophthalmus raniceps* Goldenberg, 1873 ..... C Saarbrücken, Germ.

160. *Adelophthalmus sellardsi* (Dunbar, 1924) ..... P Elmo, Kansas

161. *Adelophthalmus sievertsi* (Størmer, 1969) ..... D Willwerath, Germ.

i. = ?*Eurypterus trapezoides* Størmer, 1974 ..... D Nellenköpfchen, Ger.

162. *Adelophthalmus waterstoni* (Tetlie *et al*., 2004) ..... D Kimberley, Australia

163. *Adelophthalmus wilsoni* (Woodward, 1888) ..... C Radstock, England

164. *Adelophthalmus zadrai* Přibyl, 1952 ..... C Moravo-Silesia

† ***Bassipterus* Kjellesvig-Waering & Leutze, 1966** ..... **Silurian**

165. *Bassipterus virginicus* Kjellesvig-Waering & Leutze, 1966* ..... S Bass, West Virginia

† ***Eysyslopterus* Tetlie & Poschmann, 2008** ..... **Silurian**

166. *Eysyslopterus patteni* (Størmer, 1934*d*) ..... S Saaremaa, Estonia

† ***Nanahughmilleria* Kjellesvig-Waering, 1961*b*** ..... **Silurian – Devonian**

167. *Nanahughmilleria clarkei* Kjellesvig-Waering, 1964*b* ..... S Otisville, New York

168. *Nanahughmilleria norvegica* (Kiær, 1911)* ..... S Ringerike, Norway

i. = *Eurypterus minutus* Kiær, 1911 ..... S Ringerike, Norway

169. *Nanahughmilleria notosiberica* Shpinev, 2012 ..... D Krasnoyarsk, Siberia

170. ?*Nanahughmilleria prominens* (Hall, 1884*b*) ..... S Cayuga, New York

171. *Nanahughmilleria pygmaea* (Salter, 1859) ..... S Herefordshire, Engl.

172.?*Nanahughmilleria schiraensis* (Pirozhnikov, 1957)..... D Khakassia, Russia

† ***Parahughmilleria* Kjellesvig-Waering, 1961*b*** ..... **Silurian – Devonian**

173. *Parahughmilleria bellistriata* (Kjellesvig-Waering, 1950*a*) ..... S West Virginia

174. *Parahughmilleria hefteri* Størmer, 1973 ..... D Rhenish Massif, Ge.

175. *Parahughmilleria longa* Shpiney, 2012 ..... D Lake Shunet, Siberia

176. *Parahughmilleria maria* (Clarke, 1907) ..... S New York

177. *Parahughmilleria matarakensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia

178. *Parahughmilleria salteri* Kjellesvig-Waering, 1961*b** ..... S Herefordshire, Engl.

† ***Pittsfordipterus* Kjellesvig-Waering & Leutze, 1966** ..... **Silurian**

179. *Pittsfordipterus phelpsae* (Ruedemann, 1921)* ..... S Pittsford, New York

† **PTERYGOTIOIDEA Clarke & Ruedemann, 1912** ..... **Silurian – Devonian**

† **HUGHMILLERIIDAE Kjellesvig-Waering, 1951** ..... **Silurian**

† ***Herefordopterus* Tetlie, 2006*b*** ..... **Silurian**

180. *Herefordopterus banksii* (Salter, 1856)* ..... S Herefordshire, Engl.

i. = *Eurypterus acuminatus* Salter, 1859*a* ..... S Herefordshire, Engl.

† ***Hughmilleria* Sarle, 1903** ..... **Silurian**

181. *Hughmilleria shawangunk* Clarke, 1907 ..... S eastern USA

182. *Hughmilleria socialis* Sarle, 1903* ..... S Pittsford, New York

i. = *Hughmilleria robusta* Sarle, 1903 ..... S Pittsford, New York

183. *Hughmilleria wangi* Tetlie, Selden & Ren, 2007 ..... S Hunan, China

† **SLIMONIDAE Novojilov, 1968** ..... **Silurian**

† ***Salteropterus* Kjellesvig-Waering, 1951** ..... **Silurian**

184. *Salteropterus abbreviatus* (Salter, 1859)* ..... S Herefordshire, Engl.

† ***Slimonia* Page, 1856** ..... **Silurian**

185. *Slimonia acuminata* Salter, 1856* ..... S Lesmahagow

i. = *Himantopterus maximus* Salter, 1856 ..... S Lesmahagow

186. *Slimonia boliviana* Kjellesvig-Waering, 1973 ..... S Cochambamba, Bol.

187. *Slimonia dubia* Laurie, 1899 ..... S Pentland Hills, Scotl.

† **PTERYGOTIDAE Clarke & Ruedemann, 1912** ..... **Silurian – Devonian**

= † JAEKELOPTERIDAE Størmer, 1974

† ***Acutiramus* Ruedemann, 1935** ..... **Silurian – Devonian**

188. *Acutiramus bohemicus* (Barrande, 1872) ..... S Barrandian area

i. = *Pterygotus comes* Barrande, 1872 ..... S Barrandian area

ii. = *Pterygotus mediocris* Barrande, 1872 ..... S Barrandian area

iii. = *Pterygotus blahai* Semper, 1898 ..... S Barrandian area

iv. = *Pterygotus fissus* Seemann, 1906 ..... S Barrandian area

189. *Acutiramus cummingsi* (Grote & Pitt, 1875) ..... S USA / Canada

i. = *Pterygotus acuticaudatus* Pohlman, 1882 ..... S New York

ii. = *Pterygotus buffaloensis* Pohlman, 1881..... S New York

iii. = *Pterygotus quadraticaudatus* Pohlman, 1882 ..... S New York

190. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York

191. *Acutiramus macrophthalmus* (Hall, 1859)*..... S USA / Canada

i. = *Pterygotus osborni* Hall, 1859 ..... S New York

ii. = *Pterygotus cobbi* var. *juvenis* Clarke & Ruedemann, 1912 ..... S New York

192. *Acutiramus perneri* Chlupáč, 1994 ..... D Barrandian area

193. *Acutiramus perryensis* Leutze, 1958 ..... S Ohio

194. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 ..... S? Florida

† ***Ciurcopterus* Tetlie & Briggs, 2009** ..... **Silurian**

195. *Ciurcopterus sarlei* (Ciurca & Tetlie, 2007) ..... S Pittsford, New York

196. *Ciurcopterus ventricosus* (Kjellesvig-Waering, 1948*a*)* ..... S Kokomo, Indiana

† ***Erettopterus* Salter *in* Huxley & Salter, 1859** ..... **Silurian – Devonian**

= † *Truncatiramus* Kjellesvig-Waering, 1961*b*

197. *Erettopterus bilobus* (Salter, 1856)* ..... S Lesmahagow

i. = *Eurypterus perornatus* Salter, 1856..... S Lesmahagow

ii. = *Pterygotus bilobus* var. *acidens* Woodward, 1878..... S Lesmahagow

iii. = *Pterygotus bilobus* var. *crassus* Woodward, 1878..... S Lesmahagow

iv. = *Pterygotus bilobus* var. *inornatus* Woodward, 1878... S Lesmahagow

v. = *Pterygotus bilobus* var. *perornatus* Woodward, 1878. S Lesmahagow

vi. = *Pterygotus perornatus* var. *plicatissimus* Salter *in* Huxley & Salter, 1859 ..... S Lesmahagow

198. *Erettopterus brodiei* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.

199. *Erettopterus canadensis* (Dawson, 1879) ..... S Ontario, Canada

200. *Erettopterus exophthalmus* Kjellesvig-Waering & Leutze, 1966 ..... S Bass, West Virginia

201. *Erettopterus gigas* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.

202. *Erettopterus globiceps* Clarke & Ruedemann, 1912 ..... S eastern USA

203. *Erettopterus grandis* Pohlman, 1881 ..... S New York
204. *Erettopterus holmi* (Størmer, 1934*b*) ..... S Ringerike, Norway
205. *Erettopterus laticauda* Schmidt, 1883 ..... S Saaremaa, Estonia
206. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* ..... S England
207. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* ..... S England
208. *Erettopterus osiliensis* Schmidt, 1883 ..... S Saaremaa, Estonia
209. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* ..... S Pennsylvania
210. *Erettopterus serratus* Kjellesvig-Waering, 1961*b* ..... D Ohio
211. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
212. ?*Erettopterus vogti* Størmer, 1934*a* ..... D Spitsbergen
213. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York

† ***Jaekelopterus* Waterston, 1964** ..... **Devonian**

214. *Jaekelopterus howelli* Kjellesvig-Waering & Størmer, 1952 ..... D Wyoming
    i. = *Pterygotus mcgrewi* Kjellesvig-Waering & Richardson *In* Kjellesvig-Waering (1986) [*nomen nudum*] ..... D Wyoming
215. *Jaekelopterus rhenaniae* (Jaekel, 1914)* ..... D Rhenish Massif, Ger.

† ***Necrogammarus* Woodward, 1870** ..... **Silurian**

216. *Necrogammarus salweyi* Woodward, 1870 ..... S Herefordshire, Engl.

† ***Pterygotus* Agassiz, 1839** ..... **Silurian – Devonian**

= † *Curviramus* Reudemann, 1935

217. *Pterygotus anglicus* Agassiz, 1844* ..... D Scotland, Canada
    i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912 ..... D New Brunswick, Can.
    ii. = *Pterygotus minor* Woodward, 1864 ..... D Scotland
218. *Pterygotus arcuatus* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
219. ?*Pterygotus australis* McCoy, 1899 ..... S Melbourne, Australia
220. *Pterygotus barrandei* Semper, 1898 ..... S Barrandian area
    i. = *Pterygotus beraunensis* Semper, 1898 ..... S Barrandian area
221. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* ..... D Belen, Bolivia
222. *Pterygotus carmani* Kjellesvig-Waering, 1961 ..... D Ohio
223. *Pterygotus cobbi* Hall, 1859 ..... S New York / Canada
224. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
225. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* ..... D Florida
226. *Pterygotus gaspesiensis* Russell, 1953 ..... D Québec, Canada
227. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* ..... S England
228. *?Pterygotus impacatus* Kjellesvig-Waering, 1964*a* ..... S Saaremaa, Estonia
229. *Pterygotus kopaninensis* Barrande, 1872 ..... S Barrandian area, Cz.
230. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* ..... S Lesmahagow, Scotl.
231. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* ..... S England
232. *Pterygotus ludensis* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
233. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* ..... S Maryland
234. *Pterygotus monroensis* Sarle 1902 ..... S New York

EURYPTERIDA *incertae sedis*

† ***Dorfopterus* Kjellesvig-Waering, 1955** ..... **Devonian**

235. *Dorfopterus angusticollis* Kjellesvig-Waering, 1955* ..... D Wyoming

† ***?Dolichopterus***

236. ?*Dolichopterus asperatus* Kjellesvig-Waering, 1961 [a/b?] ..... D Ohio

237. ?*Dolichopterus bulbosus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.

238. ?*Dolichopterus herkimerensis* Caster & Kjellesvig-Waering, 1956 ..... S New York / Canada

† ***?Eurypterus***

239. ?*Eurypterus loi* Chang, 1957 [non eurypterid?] ..... S Hubei, China

240. ?*Eurypterus podolicus* Chernyshev, 1947 ..... S Ukraine

241. ?*Eurypterus satpaevi* Simorin, 1956..... C Karaganda, Kazakh.

242. ?*Eurypterus styliformis* Chang, 1957 [non eurypterid?]..... S Hubei, China

243. ?*Eurypterus tschernyschevi* Simorin, 1956..... C Karaganda, Kazakh.

244. ?*Eurypterus yangi* Chang, 1957 [non eurypterid?] ..... S Hubei, China

† ***Holmipterus* Kjellesvig-Waering, 1979** ..... **Silurian**

245. *Holmipterus suecicus* Kjellesvig-Waering, 1979..... S Gotland, Sweden

† ***Marsupipterus* Caster & Kjellesvig-Waering, 1955** ..... **Silurian**

246. *Marsupipterus sculpturatus* Caster & Kjellesvig-Waering, 1955* ..... S Herefordshire, Engl.

† ***?Nanahughmilleria***

247. ?*Nanahughmilleria lanceolata* Salter, 1856..... S Lesmahagow

i. = *Eurypterus chartarius* Salter, 1859 ..... S Lesmahagow

ii. = *Eurypterus linearis* Salter, 1859 ..... S Lesmahagow

† ***?Salteropterus***

248. ?*Salteropterus longilabium* Kjellesvig-Waering, 1961*b*..... S Welsh Borderlands

† ***?Stylonurus***

249. ?*Stylonurus perspicillum* Størmer, 1969..... D Willwerath, Germany

† ***Unionopterus* Chernyshev, 1948** ..... **Carboniferous**

250. *Unionopterus anastasiae* Chernyshev, 1948* ..... C Kazakhstan

NOMINA DUBIA

1. *Bunodella horrida* Matthew, 1888 [*non* Xiphosura] ..... S New Brunswick
2. ?*Dunsopterus wrightianus* Dawson 1881 ..... D New York
3. *Eurypterella ornata* Matthew, 1888 ..... C 'Fern Ledges'
4. *Eurypterus potens* Hall, 1884 ..... C Pennsylvania
5. *Eurypterus pulicaris* Salter, 1863 ..... D New Brunswick
6. *Hastimima sewardi* Strand, 1926 ..... D South Africa
7. ?*Pterygotus formosus* Dawson, 1871..... D Gaspé, Canada
8. *Pterygotus nobilis* Barrande, 1872 ..... S Barrandian area
9. *Pterygotus siemiradzkii* Strand, 1926 ..... D Podolia, Ukraine
10. *Pterygotus taurinus* Salter, 1868 ..... S Ewyas Harold, Engl.
11. ?*Slimonia stylops* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.

NOMINA NUDA

1. *Baltoeurypterus latus* Hanken & Størmer, 1975 ..... S Ringerike, Norway

NOMINA VANA

1. *Pterygotus problematicus* Agassiz, 1844 ..... S United Kingdom

MISIDENTIFICATIONS

1. *Buffalopterus verrucosus* Kjellesvig-Waering & Heubusch, 1962 [crustacean] ... O New York
2. *Carcinosoma* ?*logani* (Williams, 1915) [crustacean] ..... S Ontario, Canada
3. *Eurypterus* (*Stylonurus*?) *maccarthyi* Kjellesvig-Waering, 1934 [cephalopod] .... D Ludlowville, New York
4. *Eurypterus pugio* Barrande, 1872 [crustacean] ..... S Barrandian area
5. *Eurypterus thomasi* Walter, 1924 [aglaspidid] ..... Є Wisconsin
6. *Kockurus grandis* Chlupáč, 1995 [?aglaspidid] ..... Є central Bohemia
7. *Kodymirus vagans* Chlupáč & Havlíček, 1965 [?aglaspidid] ..... Є central Bohemia
8. *Mazonipterus cyclophthalmus* Kjellesvig-Waering, 1963b [plant] ..... C Mazon Creek
9. *Melbournopterus crossotus* Caster & Kjellesvig-Waering, 1953 [brachiopod] ... S Melbourne, Australia
10. *Pterygotus expectatus* Barrande, 1872 [crustacean] ..... S Barrandian area
11. *Pterygotus* (*Curviramus*) *elleri* Ruedemann, 1935 [crustacean] ..... D New York
12. *Pterygotus* (*Curviramus*) *montanensis* Ruedemann, 1935 [crustacean] ..... D Montana
13. *Pterygotus* (*Leptocheles*) *leptodactylum* M'Coy, 1849 [crustacean] ..... S Herefordshire, Engl.

PSEUDOFOSSILS

1. *Brachyopterella magna* (Clarke & Ruedemann, 1912) ..... O New York
2. ?*Carcinosoma linguata* (Clarke & Ruedemann, 1912) ..... O New York
3. ?*Carcinosoma longiceps* (Clarke & Ruedemann, 1912) ..... O New York
4. *Dolichopterus antiquus* Ruedemann, 1942 ..... O New York
5. *Dolichopterus frankfortensis* (Clarke & Ruedemann, 1912) ..... O New York
6. *Dolichopterus insolitus* Ruedemann, 1926 ..... O New York
7. ?*Dolichopterus stellatus* (Clarke & Ruedemann, 1912) ..... O New York
8. ?*Drepanopterus ruedemanni* (O'Connell, 1916) ..... O New York
9. ?*Eocarcinosoma breviceps* (Ruedemann, 1926) ..... O New York
10. *Eocarcinosoma ruedemanni* (Flower, 1945) ..... O New York
11. *Eocarcinosoma triangulatus* (Clarke & Ruedemann, 1912) ..... O New York
12. *Erettopterus walcotti* (Ruedemann, 1926) ..... O New York
13. *Erieopterus chadwicki* (Clarke & Ruedemann, 1912) ..... O New York
14. *Erieopterus hudsonicus* (Ruedemann, 1934) ..... O New York
15. ?*Eurypterus decepiens* (Ruedemann, 1942) ..... O New York
16. *Eurypterus indicus* Dubey, 1985 ..... pЄ M. Pradesh, India
17. ?*Eurypterus pristinus* (Clarke & Ruedemann, 1912) ..... O New York
18. *Eurypterus vermai* Dubey, 1985 ..... pЄ M. Pradesh, India
19. *Hughmilleria chiplonkari* Dubey, 1985 ..... pЄ M. Pradesh, India

20. *Hughmilleria kilfoylei* Ruedemann, 1934 ..... O New York
21. *Hughmilleria prisca* Ruedemann, 1934 ..... O New York
22. *Hughmilleria uticana* Ruedemann, 1926 ..... O New York
23. *Parastylonurus rusti* (Ruedemann, 1926) ..... O New York
24. *Pterygotus deepkillensis* Ruedemann, 1934 ..... O New York
25. *Pterygotus nasutus* Clarke & Ruedemann, 1912 ..... O New York
26. ?*Pterygotus normanskillensis* Clarke & Ruedemann, 1912 ..... O New York
27. *Ruedemannipterus breviceps* (Clarke & Ruedemann, 1912) ..... O New York
28. *Ruedemannipterus latifrons* (Clarke & Ruedemann, 1912) ..... O New York
29. *Stylonurella modestus* (Clarke & Ruedemann, 1912) ..... O New York
30. *Stylonuroides limbatus* (Clarke & Rudemann, 1912) ..... O New York
31. ?*Waeringopterus pristinus* (Ruedemann, 1942) ..... O New York
32. *Waeringopterus prolificus* (Clarke & Ruedemann, 1912) ..... O New York

no Recent species

SCORPIONES

136 currently valid species of fossil scorpion

SCORPIONES C. L. Koch, 1851 ..... **Silurian – Recent**

† Plesion (Family) PROSCORPIIDAE Scudder, 1885 ..... **Silurian – Carbon.**

= † ARCHAEOCTONIDAE Petrunkevitch, 1949

= † HYDROSCORPIONIDAE Kjellesvig-Waering, 1986

= † LABRIOSCORPIONIDAE Kjellesvig-Waering, 1986

= † STOERMEROSCORPIONIIDAE Kjellesvig-Waering, 1986

= † WAERINGOSCORPIONIDAE Størmer, 1970

† ***Archaeoctonus*** **Pocock, 1911** ..... **Carboniferous**

1. *Archaeoctonus glaber* (Peach, 1883)* ..... C Glencartholm

† *Hydroscorpius* Kjellesvig-Waering, 1986 ..... **Devonian**

2. *Hydroscorpius denisoni* Kjellesvig-Waering, 1986* ..... D Wyoming

† *Labriscorpio* Leary, 1980 ..... **Carboniferous**

3. *Labriscorpio alliedensis* Leary, 1980* ..... C Illinois

† *Proscorpius* Whitfield, 1885*b* ..... **Silurian**

= † *Archaeophonus* Kjellesvig-Waering, 1966*b*

= † *Stoermeroscorpio* Kjellesvig-Waering, 1986

4. *Proscorpius osborni* (Whitfield, 1885*a*)* ..... S 'Bertie Waterlime'

i. = *Archaeophonus eurypteroides* Kjellesvig-Waering, 1966*b** ..... S 'Bertie Waterlime'

ii. = *Stoermeroscorpio delicatus* Kjellesvig-Waering, 1986 S 'Bertie Waterlime'

† ***Pseudoarchaeoctonus*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

5. *Pseudoarchaeoctonus denticulatus* Kjellesvig-Waering, 1986* ..... C Glencartholm

† *Waeringoscorpio* Størmer, 1970 ..... **Devonian**

6. *Waeringoscorpio hefteri* Størmer, 1970* ..... D Alken an der Mosel

7. *Waeringoscorpio westerwaldensis* Poschmann, Dunlop, Kamenz & Scholtz, 2008 ..... D Westerwald

† **BILOBOSTERNINA Kjellesvig-Waering, 1986 (suborder)** ..... **Silurian – Devonian**

† **BRANCHIOSCORPIONOIDEA Kjellesvig-Waering, 1986** ..... **Devonian**

† **BRANCHIOSCORPIONIIDAE Kjellesvig-Waering, 1986** ..... **Devonian**

† ***Branchioscorpio*** **Kjellesvig-Waering, 1986** ..... **Devonian**

8. *Branchioscorpio richardsoni* Kjellesvig-Waering, 1986* ..... D Wyoming

† **DOLICHOPHONIIDAE Petrunkevitch, 1953** ..... **Silurian**

† ***Dolichophonus*** **Petrunkevitch, 1949** ..... **Silurian**

9. *Dolichophonus loudonensis* (Laurie, 1899)* ..... S Pentland Hills

† **HOLOSTERNINA Kjellesvig-Waering, 1986** ..... **Devonian**

† **ACANTHOSCORPIONOIDEA Kjellesvig-Waering, 1986** ..... **Devonian**

† **ACANTHOSCORPIONIIDAE Kjellesvig-Waering, 1986** ..... **Devonian**

† ***Acanthcoscorpio* Kjellesvig-Waering, 1986** ..... **Devonian**

10. *Acanthoscorpio mucronatus* Kjellesvig-Waering, 1986* ..... D Wyoming

† **STENOSCORPIONIIDAE Kjellesvig-Waering, 1986** ..... **Triassic**

† ***Stenoscorpio* Kjellesvig-Waering, 1986** ..... **Triassic**

11. *Stenoscorpio gracilis* (Wills, 1910)* ..... Tr Keuper sandstone

12. *Stenoscorpio pseudogracilis* (Wills, 1947) ..... Tr Keuper sandstone

† **ALLOPALAEOPHONOIDEA Kjellesvig-Waering, 1986** ..... **Silurian**

† **ALLOPALAEOPHONIDAE Kjellesvig-Waering, 1986** ..... **Silurian**

† ***Allopalaeophonus* Kjellesvig-Waering, 1986** ..... **Silurian**

13. *Allopalaeophonus caledonicus* (Hunter, 1886)* ..... S Logan Water

i. = *Palaeophonus hunteri* Pocock, 1901 ..... S Logan Water

† **EOCTONOIDEA Kjellesvig-Waering, 1986** ..... **Carboniferous**

† **ALLOBUTHISCORPIIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

NB: *Allobuthiscorpius* is now a junior synonym (see below)

† ***Aspiscorpio* Kjellesvig-Waering, 1986** ..... **Carboniferous**

14. *Aspiscorpio eageri* Kjellesvig-Waering, 1986* ..... C Sparth Bottoms

Aspiscorpio sp. *in* Poschmann (2009) ..... C Saar

† **ANTHRACOSCORPIONIDAE Frič, 1904** ..... **Carboniferous**

† ***Allobuthus* Kjellesvig-Waering, 1986** ..... **Carboniferous**

15. *Allobuthus pescei* (Vachon & Heyler, 1985)* ..... C Montceau-les-Mines

† ***Anthracoscorpio* Kušta, 1885** ..... **Carboniferous**

16. *Anthracoscorpio dunlopi* Pocock, 1911 ..... C Airdrie

17. *Anthracoscorpio juvenis* Kušta, 1885* ..... C Rakovník

† **BUTHISCORPIIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Buthiscorpius* Petrunkevitch, 1953** ..... **Carboniferous**

18. *Buthiscorpius lemayi* Kjellesvig-Waering, 1986 ..... C Illinois

† **EOCTONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Eoctonus* Petrunkevitch, 1913** ..... **Carboniferous**

19. *Eoctonus miniatus* Petrunkevitch, 1913* ..... C Mazon Creek

† **GARNETTIIDAE Dubinin, 1962** ..... **Carboniferous**

† ***Garnettius*** **Petrunkevitch, 1953** ..... **Carboniferous**

20. *Garnettius hungerfordi* (Elias, 1936)* ..... C Garnett, Kansas

† **GIGANTOSCORPIONOIDEA Kjellesvig-Waering, 1986** ..... **Devonian – Carbon.**

† **GIGANTOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Devonian – Carbon.**

= † PETALOSCORPIONIDAE Kjellesvig-Waering, 1986

† ***Gigantoscorpio*** **Størmer, 1963** ..... **Carboniferous**

21. *Gigantoscorpio willsi* Størmer, 1963* ..... C Glencartholm

† ***Petaloscorpio*** **Kjellesvig-Waering, 1986** ..... **Devonian**

22. *Petaloscorpio bureaui* Kjellesvig-Waering, 1986* ..... D Miguasha, Quebec

† **MESOPHONOIDEA Wills, 1910** ..... **Carbon. – Triassic**

† **CENTROMACHIDAE Petrunkevitch, 1953** ..... **Carboniferous**

= † ANTHRACOCHAERILIDAE Kjellesvig-Waering, 1986

= † OPSIEOBUTHIDAE Kjellesvig-Waering, 1986

= † PHOXISCORPIONIDAE Kjellesvig-Waering, 1986

† ***Anthracochaerilus*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

23. *Anthracochaerilus palustris* Kjellesvig-Waering, 1986* ..... C Glencartholm

† ***Centromachus*** **Thorell & Lindström, 1885** ..... **Carboniferous**

24. *Centromachus euglyptus* (Peach, 1883)* ..... C Glencartholm

† ***Opsieobuthus*** **Kjellesvig-Waering, 1986** ..... **Carbon. - Permian**

25. *Opsieobuthus pottsvillensis* (Moore, 1923)* ..... C Indiana

26. *?Opsieobuthus tungeri* Dunlop, Legg, Selden, Fet, Schneider & Rößler, 2016..... P Chemnitz, Germany

† ***Phoxiscorpio*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

27. *Phoxiscorpio peachi* Kjellesvig-Waering, 1986* ..... C Dalmeny, Edinburgh

† ***Pulmonoscorpio*** **Jeram, 1994*a*** ..... **Carboniferous**

28. *Pulmonoscorpius kirktonensis* Jeram, 1994*a** ..... C East Kirkton

† **GALLIOSCORPIONIDAE Lourenço & Gall, 2004** ..... **Triassic**

† ***Gallioscorpio*** **Lourenço & Gall, 2004** ..... **Triassic**

29. *Gallioscorpio voltzi* Lourenço & Gall, 2004* ..... Tr Vosges, France

† **HELOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Heloscorpio*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

30. *Heloscorpio sutcliffei* (Woodward, 1907*b*)* ..... C Sparth Bottoms

† **MAZONIIDAE Petrunkevitch, 1913** ..... **Carboniferous**

† ***Mazonia*** **Meek & Worthen, 1868*b*** ..... **Carboniferous**

31. *Mazonia wardingleyi* (Woodward, 1907*b*) ..... C Sparth Bottoms

32. *Mazonia woodiana* Meek & Worthen, 1868*b** ..... C Mazon Creek

† **MESOPHONIDAE Wills, 1910** ..... **Triassic**

† ***Mesophonus*** **Wills, 1910** ..... **Triassic**

33. *Mesophonus perornatus* Wills, 1910* ..... Tr Keuper sandstone

i. = *Mesophonus opisthophthalmus* Wills, 1947 ..... Tr Keuper sandstone

34. ?*Mesophonus pulcherrimus* Wills, 1910 ..... Tr Keuper sandstone

35. ?*Mesophonus pulcherrimus immaculatus* Wills, 1947 ..... Tr Keuper sandstone

† **WILLSISCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Triassic**

† ***Willsiscorpio*** **Kjellesvig-Waering, 1986** ..... **Triassic**

36. *Willsiscorpio bromsgroviensis* (Wills, 1910)* ..... Tr Keuper sandstone

† **PALAEOSCORPOIDEA Lehmann, 1944** ..... **Devonain – Triassic**

† **PALAEOSCORPIONIDAE Lehmann, 1944** ..... **Devonian**

† ***Palaeoscorpio*** **Lehmann, 1944** ..... **Devonian**

37. *Palaeoscorpius devonicus* Lehmann, 1944* ..... D Hünsruckschiefer

[NB: Kühl *et al*. (2012) simply list the genus unplaced under Protoscorpionina.]

† **SPONGIOPHONOIDEA Kjellesvig-Waering, 1986** ..... **Devonian –Triassic**

† **PRAERCTURIDAE Kjellesvig-Waering, 1986** ..... **Devonian**

† ***Praearcturus*** **Woodward, 1871*a*** ..... **Devonian**

38. *Praearcturus gigas* Woodward, 1871*a** ..... D Rowlestone

† **SPONGIOPHONIDAE Kjellesvig-Waering, 1986** ..... **Triassic**

† ***Spongiophonus*** **Wills, 1947** ..... **Triassic**

39. *Spongiophonus pustulosus* Wills, 1947* ..... Tr Keuper sandstone

† **MERISTOSTERNINA Kjellesvig-Waering, 1986** ..... **Carboniferous**

† **CYCLOPHTHALMOIDEA Thorell & Lindström, 1885** ..... **Carboniferous**

† **CYCLOPHTHALMIDAE Thorell & Lindström, 1885** ..... **Carboniferous**

† ***Cyclophthalmus*** **Corda, 1835** ..... **Carboniferous**

40. *Cyclophthalmus senior* Corda, 1835* ..... C Cholme

41. *Cyclophthalmus robustus* Kjellesvig-Waering, 1986 ..... C Coseley

42. ?*Cyclophthalmus sibiricus* Novojilov & Størmer, 1963 ..... C Kemerov Region

† **MICROLABIIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Microlabis*** **Corda, 1839** ..... **Carboniferous**

43. *Microlabis sternbergii* Corda, 1839* ..... C Cholme

† **PALAEOBUTHOIDEA Kjellesvig-Waering, 1986** ..... **Carboniferous**

† **PALAEOBUTHIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Palaeobuthus*** **Petrunkevitch, 1913** ..... **Carboniferous**

= † *Mazoniscorpio* Wills, 1960

44. *Palaeobuthus distinctus* Petrunkevitch, 1913* ..... C Mazon Creek

ii. = *Mazoniscorpio mazonensis* Wills, 1960 ..... C Mazon Creek

† LOBOSTERNINA Pocock, 1911 ..... **Silurian – Carbon.**

† ISOBUTHOIDEA Petrunkevitch, 1913 ..... **Carboniferous**

† EOBUTHIDAE Kjellesvig-Waering, 1986 ..... **Carboniferous**

† *Eobuthus* Frič, 1904 ..... **Carboniferous**

45. *Eobuthus cordai* Kjellesvig-Waering, 1986 ..... C Kralupy Hill

46. *Eobuthus holti* Pocock, 1911 ..... C Sparth Bottoms

47. *Eobuthus rakovnicensis* Frič, 1904* ..... C Rakovník

† EOSCORPIIDAE Scudder, 1884 ..... **Carboniferous**

† *Eoscorpius* Meek & Worthen, 1868*a* ..... **Carboniferous**

= † *Alloscorpius* Petrunkevitch, 1949

= † *Europhthalmus* Petrunkevitch, 1949

= † *Lichnophthalmus* Petrunkevitch, 1949

= † *Trigonoscorpio* Petrunkevitch, 1913

= † *Typhloscorpius* Petrunkevitch, 1949

48. *Eoscorpius bornaensis* Sterzel, 1918 ..... C Chemnitz–Borna

49. *Eoscorpius carbonarius* Meek & Worthen, 1868*a** ..... C Mazon Creek

iii. = *Eoscorpius typicus* Petrunkevitch, 1913 ..... C Mazon Creek

iv. = *Eoscorpius granulosus* Petrunkevitch, 1913 ..... C Mazon Creek

v. = *Trigonoscorpio americanus* Petrunkevitch, 1913 ..... C Mazon Creek

50. *Eoscorpius casei* Kjellesvig-Waering, 1986 ..... C Nova Scotia

51. *Eoscorpius distinctus* (Petrunkevitch, 1949) ..... C Coseley

52. *Eoscorpius mucronatus* Kjellesvig-Waering, 1986 ..... C Barnsley

53. *Eoscorpius pulcher* (Petrunkevitch, 1949) ..... C Barnsley

vi. = *Europhthalmus longimanus* Petrunkevitch, 1949 ..... C Barnsely

54. *Eoscorpius sparthensis* Baldwin & Sutcliffe, 1904 ..... C Sparth Bottoms

Eoscorpius sp. *in* Poschmann *et al.* (2016) ..... C Graissessac, France

† *Eskioscorpio* Kjellesvig-Waering, 1986 ..... **Carboniferous**

55. *Eskiscorpio parvus* Kjellesvig-Waering, 1986* ..... C Glencartholm

† *Trachyscorpio* Kjellesvig-Waering, 1986 ..... **Carboniferous**

56. *Trachyscorpio squarrosus* Kjellesvig-Waering, 1986* ..... C Fouldon

† ISOBUTHIDAE Petrunkevitch, 1913 ..... **Carbon. – Triassic**

† *Boreoscorpio* Kjellesvig-Waering, 1986 ..... **Carboniferous**

57. *Boreoscorpio copelandi* Kjellesvig-Waering, 1986* ..... C Nova Scotia

† *Bromsgroviscorpio* Kjellesvig-Waering, 1986 ..... **Triassic**

58. *Bromsgroviscorpio willsi* Kjellesvig-Waering, 1986* ..... Tr Keuper sandstone

† *Feistmantelia* Frič, 1904 ..... **Carboniferous**

59. *Feistmantelia ornata* Frič, 1904* ..... C Studnoves

† ***Isobuthus*** **Frič, 1904** ..... **Carboniferous**

60. *Isobuthus kralupensis* (Thorell & Lindström, 1885)* ..... C Kralup
61. ?*Isobuthus nyranensis* Frič, 1904 ..... C Nýřany

† **KRONOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Kronoscorpio*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

62. *Kronoscorpio danielsi* (Petrunkevitch, 1913)* ..... C Mazon Creek

† **PAREOBUTHIDAE Wills, 1959** ..... **Carboniferous**

† ***Pareobuthus*** **Wills, 1959** ..... **Carboniferous**

63. *Pareobuthus salopiensis* Wills, 1959* ..... C Shropshire

† **PARAISOBUTHOIDEA Kjellesvig-Waering, 1986** ..... **Carboniferous**

† **PARAISOBUTHIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Paraisobuthus*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

64. *Paraisobuthus duobicarinatus* Kjellesvig-Waering, 1986 ..... C Shipley
65. *Paraisobuthus frici* Kjellesvig-Waering, 1986 ..... C Kralupy Hill
66. *Paraisobuthus prantli* Kjellesvig-Waering, 1986* ..... C Rakovník
67. *Paraisobuthus virginiae* Kjellesvig-Waering, 1986 ..... C Mazon Creek

† **SCOLOPOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Benniescorpio*** **Wills, 1960** ..... **Carboniferous**

68. *Benniescorpio tuberculatus* (Peach, 1883)* ..... C Dysart, Fife

† ***Scoloposcorpio*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

69. *Scoloposcorpio cramondensis* Kjellesvig-Waering, 1986* ..... C Cramond, Edinburgh

† **TELMATOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Telmatoscorpio*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

70. *Telmatoscorpio brevipectus* Kjellesvig-Waering, 1986* ..... C Mazon Creek

† **LOBOARCHAEOCTONOIDEA Kjellesvig-Waering, 1986** ..... **Carboniferous**

† **LOBOARCHAEOCTONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Loboarchaeoctonus*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

71. *Loboarchaeoctonus squamosus* Kjellesvig-Waering, 1986* ..... C Glencartholm

† **WATERSTONIIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**

† ***Waterstonia*** **Kjellesvig-Waering, 1986** ..... **Carboniferous**

72. *Waterstonia airdriensis* Kjellesvig-Waering, 1986* ..... C Airdrie

† **PALAEOPHONOIDEA Thorell & Lindström, 1884** ..... **Silurian**

† **PALAEOPHONIDAE Thorell & Lindström, 1884** ..... **Silurian**

† ***Palaeophonus*** **Thorell & Lindström, 1884** ..... **Silurian**

73. *Palaeophonus nuncius* Thorell & Lindström, 1884* ..... S Visby, Gotland

74. ?*Palaeophonus lightbodyi* Kjellesvig-Waering, 1954 [claw only !] ..... S Ludford Lane

ORTHOSTERNINA Pocock, 1911 ..... **Carbon. – Recent**

Orthosternina *incertae sedis*

† *Corniops* Jeram, 1994*b* ..... **Carboniferous**

75. *Corniops mapesii* Jeram, 1994*b** ..... C Lone Star Lake

.

SCORPIONIOIDEA Latreille, 1802 ..... **Carbon. – Recent**

† PALAEOPISTHACANTHIDAE Kjellesvig-Waering, 1986 ..... **Carboniferous**

† *Cryptoscorpius* Jeram, 1994*b* ..... **Carboniferous**

76. *Cryptoscorpius americanus* Jeram, 1994*b** ..... C Lone Star Lake

† *Palaeopisthacanthus* Petrunkevitch, 1913 ..... **Carboniferous**

77. *Palaeopisthacanthus schucherti* Petrunkevitch, 1913* ..... C Mazon Creek

78. *Palaeopisthacanthus vogelandurdeni* Jeram, 1994*b* ..... C Lone Star Lake

family uncertain

† *Compsoscorpius* Petrunkevitch 1949 ..... **Carboniferous**

= † *Allobuthiscorpius* Kjellesvig-Waering, 1986

= † *Coseleyscorpio* Kjellesvig-Waering, 1986

= † *Leioscorpio* Kjellesvig-Waering, 1986

= † *Lichnoscorpius* Petrunkevitch, 1949

= † *Pseudobuthiscorpius* Kjellesvig-Waering, 1986

= † *Typhlopisthacanthus* Petrunkevitch, 1949

79. *Compsoscorpius buthiformis* (Pocock, 1911)* ..... C Coal Measures

vii. = *Typhlopisthacanthus anglicus* Petrunkevitch, 1949 ... C Coseley

viii. = *Lichnoscorpius minutus* Petrunkevitch, 1949 ..... C Coseley

ix. = *Compsoscorpius elegans* Petrunkevitch 1949 ..... C Coseley

x. = *Compsoscorpius elongatus* Petrunkevitch, 1949 ..... C Coseley

xi. = *Buthiscorpius major* Wills, 1960 ..... C Kilburn Coal

xii. = *Leioscorpio pseudobuthiformis* Kjellesvig-Waering, 1986 ..... C Coseley

xiii. = *Pseudobuthiscorpius labiosus* Kjellesvig-Waering, 1986 ..... C Coseley

xiv. = *Coseleyscorpio lanceolatus* Kjellesvig-Waering, 1986 C Coseley

xv. = *Allobuthus macrostethus* Kjellesvig-Waering, 1986 .... C Coseley

Compsoscorpius sp. *in* Poschmann *et al*. (2016) ..... C Graissessac, France

PSEUDOCHACTIDAE Gromov, 1998 ..... **Recent**

no fossil record

BUTHOIDEA C. L. Koch, 1837 ..... **Triassic – Recent**

† **ARCHAEOBUTHIDAE Lourenço, 2001** ..... **Cretaceous**

† ***Archaeobuthus* Lourenço, 2001** ..... **Cretaceous**

80. *Archaeobuthus estephani* Lourenço, 2001* ..... K Lebanese amber

† **PALAEOBURMESEBUTHIDAE Lourenço, 2015a** ..... Cretaceous

† ***Betaburmesebuthus* Lourenço & Beigel, 2015*a*** ..... **Cretaceous**

81. *Betaburmesebuthus bellus* Lourenço, 2016*a* ..... K Burmese amber
82. *Betaburmesebuthus bidentatus* Lourenço, 2015*c* ..... K Burmese amber
83. *Betaburmesebuthus kobberti* Lourenço & Beigel, 2015*a** ..... K Burmese amber
84. *Betaburmesebuthus muelleri* Lourenço, 2015*c* ..... K Burmese amber

† ***Palaeoburmesebuthus* Lourenço, 2002** ..... **Cretaceous**

85. *Palaeoburmesebuthus grimaldii* Lourenço, 2002* ..... K Burmese amber
86. *Palaeoburmesebuthus ohlhoffi* Lourenço, 2015*b* ..... K Burmese amber

† **CHAERILOBUTHIDAE Lourenço & Beigel, 2011** ..... **Cretaceous**

† ***Chaerilobuthus* Lourenço & Beigel, 2011** ..... **Cretaceous**

87. *Chaerilobuthus birmanicus* Lourenço, 2015*b* ..... K Burmese amber
88. *Chaerilobuthus bruckschi* Lourenço, 2015*b* ..... K Burmese amber
89. *Chaerilobuthus complexus* Lourenço & Beigel, 2011* ..... K Burmese amber
90. *Chaerilobuthus gigantosternum* Lourenço, 2016*b* ..... K Burmese amber
91. *Chaerilobuthus longiaculeus* Lourenço, 2013*b* ..... K Burmese amber
92. *Chaerilobuthus serratus* Lourenço, 2016*b* ..... K Burmese amber

† **PALAEOTRILINEATIDAE Lourenço, 2012*b*** ..... **Cretaceous**

† ***Palaeotrilineatus* Lourenço, 2012*b*** ..... **Cretaceous**

93. *Palaeotrilineatus ellenbergeri* Lourenço, 2012*b** ..... K Burmese amber

† **SUCINLOURENCOIDAE Rossi, 2015** ..... **Cretaceous**

† ***Sucinlourencous* Rossi, 2015** ..... **Cretaceous**

94. *Sucinlourencous adrianae* Rossi, 2015* ..... K Burmese amber

† **PROTOBUTHIDAE Lourenço & Gall, 2004** ..... **Triassic**

† ***Protobuthus* Lourenço & Gall, 2004** ..... **Triassic**

95. *Protobuthus elegans* Lourenço & Gall, 2004* ..... Tr Vosges

BUTHIDAE C. L. Koch, 1837 ..... **Palaeogene – Recent**

= ANDROCTONIDAE C. L. Koch, 1837

= MICROCHARMIDAE Lourenço, 1996*a*

Centruroides* Marx, 1890*a ..... **Neogene – Recent**

96. *Centruroides nitidus* (Thorell, 1876*a*) **[Recent]** ..... Ne Dominican amber

i. = *Centruroides beynai* Schawaller, 1979*a* ..... Ne Dominican amber

***Microcharmus* Lourenço, 1995** ..... **Quaternary – Recent**

97. *Microcharmus henderickxi* (Lourenço, 2009*a*) ..... Qt Madagascar copal

Microtityus* Kjellesvig-Waering, 1966*c ..... **Neogene – Recent**

98. *Microtityus ambarensis* (Schawaller, 1982*a*) ..... Ne Dominican amber

† ***Palaeoakentrobuthus* Lourenço & Weitschat, 2000** ..... **Palaeogene**

99. *Palaeoakentrobuthus knodeli* Lourenço & Weitschat, 2000* ..... Pa Baltic amber

† ***Palaeoananteris* Lourenço & Weitschat, 2001** ..... **Palaeogene**

100. *Palaeoananteris ribnitiodamgartensis* Lourenço & Weitschat, 2001* ..... Pa Baltic amber

101. *Palaeoananteris ukrainensis* Lourenço & Weitschat, 2009 ..... Pa Rovno amber

102. *Palaeoananteris wunderlichi* Lourenço, 2004 ..... Pa Baltic amber

† ***Palaeoisometrus* Lourenço & Weitschat, 2005a** ..... **Palaeogene**

103. *Palaeoisometrus elegans* Lourenço & Weitschat, 2005*a** ..... Pa Baltic amber

† ***Palaeogrosphus* Lourenço, 2000*a*** ..... **Quaternary**

104. *Palaeogrosphus copalensis* (Lourenço, 1996*b*) ..... Qt Copal

105. *Palaeogrosphus jacquesi* Lourenco & Henderickx, 2002 ..... Qt Copal

† ***Palaeolychas* Lourenço & Weitschat, 1996** ..... **Palaeogene**

106. *Palaeolychas balticus* Lourenço & Weitschat, 1996* ..... Pa Baltic amber

107. *Palaeolychas weitschati* Lourenço, 2012*a* ..... Pa Baltic amber

† ***Palaeoprotobuthus* Lourenço & Weitschat, 2000** ..... **Palaeogene**

108. *Palaeoprotobuthus pusillus* Lourenço & Weitschat, 2000* ..... Pa Baltic amber

† ***Palaeospinobuthus* Lourenço, Henderickx & Weitschat, 2005** ..... **Palaeogene**

109. *Palaeospinobuthus cenozoicus* Lourenço, Henderickx & Weitschat, 2005* ..... Pa Baltic amber

† ***Palaeotityobuthus* Lourenço & Weitschat, 2000** ..... **Palaeogene**

110. *Palaeotityobuthus longiaculeus* Lourenço & Weitschat, 2000* ..... Pa Baltic amber

***Tityus* C. L. Koch, 1836** ..... **?Palaeogene – Recent**

111. *Tityus apozonalli* Riquelme *et al*., 2015 ..... Ne Chiapas amber

112. *Tityus azari* Lourenço, 2013*a* ..... Ne Dominican amber

113. '*Tityus*' *eogenus* Menge, 1869 [presumably misplaced] ..... Pa Baltic amber

114. *Tityus geratus* Santiago-Blay & Poinar, 1988 ..... Ne Dominican amber

115. *Tityus (Brazilotityus) hartkorni* Lourenço, 2009*b* ..... Ne Dominican amber

116. *Tityus (Brazilotityus) knodeli* Lourenço, 2014 ..... Ne Chiapas amber

† ***Uintascorpio* Perry, 1995** ..... **Palaeogene**

117. *Uintascorpio halandrasorum* Perry, 1995* ..... Pa Green River

BUTHIDAE *incertae sedis*

118. '*Scorpio*' *schweiggeri* Holl, 1829 ..... Qt Copal [not amber!]

BOTHRIURIDAE Simon, 1880 ..... **Recent**

= TELEGONIDAE Peters, 1861 [based on a generic homonym]

= ACANTHOCHIROIDAE Karsch, 1880*b*

no fossil record

CHACTOIDEA Pocock, 1893 ..... **Cretaceous – Recent**

† **PALAEOEUSCORPIIDAE Lourenço, 2003** ..... **Cretaceous**

† ***Archaeoscorpiops*** **Lourenço, 2015*a*** ..... **Cretaceous**

119. *Archaeoscorpiops cretacicus* Lourenço, 2015*a** ..... K Burmese amber

† ***Burmesescorpiops*** **Lourenço, 2016** ..... **Cretaceous**

120. *Burmesescorpiops groehni* Lourenço, 2016*b** ..... K Burmese amber

† ***Palaeoeuscorpius*** **Lourenço, 2003** ..... **Cretaceous**

121. *Palaeoeuscorpius gallicus* Lourenço, 2003* ..... K French amber

CHACTIDAE Pocock, 1893 ..... **Cretaceous – Recent**

= BROTEIDAE Simon, 1879*a* [supressed for lack of useage]

† ***Araripescorpius*** **Campos, 1986** ..... **Cretaceous**

122. *Araripescorpius ligabuei* Campos, 1986* ..... K Crato Formation

Chactas **Gervais, 1844** ..... **Subrecent – Recent**

123. *Chactas pleistocenicus* Lourenço & Weitschat, 2005*b* ..... Qt Colombian copal

AKRAVIDAE Levy, 2007 ..... **Recent**

no fossil record

CHAERILIDAE Pocock, 1893 ..... **Cretaceous – Recent**

Electrochaerilus **Santiago-Blay *et al*., 2004** ..... **Cretaceous**

124. *Electrochaerilus buckleyi* Santiago-Blay *et al*., 2004 ..... K Burmese amber

DIPLOCENTRIDAE Karsch, 1880*b* ..... **Recent**

no fossil record

EUSCORPIIDAE Laurie, 1896 ..... **Recent**

no fossil record

HETEROSCORPIONIDAE Kraepelin, 1905 ..... **Recent**

no fossil record

HEMISCORPIIDAE Pocock, 1893 ..... **Cretaceous – Recent**

= ISCHNURIDAE Simon, 1879*a*

= LIOCHELIDAE Fet & Bechly, 2001

= † PROTOISCHNURIDAE Carvalho & Lourenço, 2001

† ***Protoischnurus*** **Carvalho & Lourenço, 2001** ..... **Cretaceous**

125. *Protoischnurus axelrodorum* Carvalho & Lourenço, 2001* ..... K Crato Formation

IURIDAE Thorell, 1876*b* ..... **Recent**

no fossil record

SCORPIONIDAE Latreille, 1802 ..... **Neogene – Recent**

= PANDINOIDAE Thorell, 1876*b*

= HETEROMETRIDAE Simon, 1879*a*

† ***Mioscorpio* Kjellesvig-Waering, 1986** ..... **Neogene**

126. *Mioscorpio zeuneri* (Hadži, 1931)* ..... Ne Swabian Alps

† ***Sinoscorpius* Hong, 1983a** ..... **Neogene**

127. *Sinoscorpius shandongensis* Hong, 1983*a** ..... Ne Shandong, China

SUPERSTITIONIIDAE Stahnke, 1940 ..... **Recent**

no fossil record

TROGLOTAYOSICIDAE Lourenço, 1998 ..... **Recent**

no fossil record

VAEJOVIDAE Thorell, 1876*b* ..... **Recent**

no fossil record

SCORPIONES *incertae sedis*

Scorpiones *incertae sedis in* Dunlop & Selden (2013) ..... S Trecastle, Wales

† *Brontoscorpio* Kjellesvig-Waering, 1972 ..... **Devonian**

128. *Brontoscorpio anglicus* Kjellesvig-Waering, 1972* ..... D England

† *Eramoscorpius* Waddington, Rudkin & Dunlop, 2015 ..... **Silurian**

129. *Eramoscorpius brucensis* Waddington, Rudkin & Dunlop, 2015* ..... S Ontario, Canada

† ***Gondwanascorpio* Gess, 2013** ..... **Devonian**

130. *Gondwanascorpio emzantsiensis* Gess, 2013* ..... D Grahamstown

† ***Gymnoscorpius* Jeram, 1994*b*** ..... **Carboniferous**

131. *Gymnoscorpius mutillidigitatus* Jeram, 1994*b** ..... C northern England

† ***Hubeiscorpio* Walossek, Li & Brauckmann, 1990** ..... **Devonian**

132. *Hubeiscorpio gracilitarsis* Walossek, Li & Brauckmann, 1990* ..... D Hubei, China

† ***Liassoscorpionides* Bode, 1951** ..... **Jurassic**

133. *Liassoscorpionides schmidti* Bode, 1951* ..... J Hondelage, Germany

† ***Palaeomachus* Pocock, 1911** ..... **Carboniferous**

134. *Palaeomachus anglicus* (Woodward, 1876)* ..... C Mansfield

† ***Titanoscorpio* Kjellesvig-Waering, 1986** ..... **Carboniferous**

135. *Titanoscorpio douglassi* Kjellesvig-Waering, 1986 ..... C Mazon Creek

† ***Wattisonia* Wills, 1960** ..... **Carboniferous**

136. *Wattisonia coseleyensis* Wills, 1960 ..... C Coseley

MISIDENTIFICATIONS

1. ?*Waterstonia brachistodactyla* Kjellesvig-Waering, 1986 [plant fragment?] ..... C Beith, Ayrshire
2. ?*Mesophonus maculatus* (Brauer, Redtenbacher & Ganglbauer, 1889) .....

[?insect: cockroach] ……..……..…….. J Siberia

3. *Tiphoscorpio hueberi* Kjellesvig-Waering, 1986 [myriapod: *Eoarthropleura*] ….. D New York

c. 2,000 Recent species

OPILIONES

41 currently valid species of fossil harvestman

OPILIONES Sundevall, 1833 ..... **Devonian – Recent**

CYPHOPHTHALMI Simon, 1879*a* (suborder) ..... **Cretaceous – Recent**

NEOGOVEIDAE Shear, 1980 ..... **Recent**

no fossil record

OGOVEIDAE Shear, 1980 ..... **Recent**

no fossil record

PETTALIDAE Shear, 1980 ..... **Recent**

no fossil record

SIRONIDAE Simon, 1879*a* ..... **Palaeogene – Recent**

***Siro* Latreille, 1796** ..... **Palaeogene – Recent**

1. *Siro balticus* Dunlop & Mitov, 2011 ..... Pa Baltic amber
2. *Siro platypedibus* Dunlop & Giribet, 2003 ..... Pa Bitterfeld amber

STYLOCELLIDAE Hansen & Sørensen, 1904 ..... **Cretaceous – Recent**

† ***Palaeosiro* Poinar, 2008** ..... **Cretaceous – Recent**

3. *Palaeosiro burmanicum* Poinar, 2008 ..... K Burmese amber

   NB: Originally desribed as a sironid, but regarded as a stylocellid by Giribet *et al*. (2012)

TROGLOSIRONIDAE Shear, 1993 ..... **Recent**

no fossil record

TETROPHTHALMI Garwood, Sharma, Dunlop & Giribet, 2014 (suborder) ..... **Devonian – Carbon.**

† ***Eophalangium* Dunlop, Anderson, Kerp & Hass, 2004** ..... **Devonian**

4. *Eophalangium sheari* Dunlop, Anderson, Kerp & Hass, 2004* ..... D Rhynie chert

† ***Hastocularis* Garwood, Sharma, Dunlop & Giribet, 2014** ..... **Devonian**

5. *Hastocularis argus* Garwood, Sharma, Dunlop & Giribet, 2014* ..... D Montceau-les-Mines

PHALANGIDA Bristowe, 1949

Suborder uncertain

ARCHAEOMETIDAE Pocock ..... **Carboniferous**

† ***Archaeometa* Pocock, 1911** ..... **Carboniferous**

6. *Archaeometa nephilina* Pocock, 1911* ..... C Coseley

Originally misplaced in Aranae, transferred to Opiliones by Selden *et al*. (2016)

EUPNOI Hansen & Sørensen, 1904 (suborder) ..... **Devonian – Recent**

plesion taxa

† ***Brigantibunum* Dunlop & Anderson, 2005** ..... **Carboniferous**

7. *Brigantibunum listoni* Dunlop & Anderson, 2005* ..... C East Kirkton

† ***Kustarachne* Scudder, 1890*b*** ..... **Carboniferous**

8. *Kustarachne tenuipes* Scudder, 1890*b** ..... C Mazon Creek

i. = *Kustarachne exstincta* Melander, 1903 ..... C Mazon Creek

ii. = *Kustarachne conica* Petrunkevitch, 1913 ..... C Mazon Creek

† ***Macrogyion* Garwood *et al*., 2011** ..... **Carboniferous**

9. *Macrogyion cronus* Garwood *et al*. 2011* ..... C Montceau-les-Mines

CADDOIDEA Banks, 1893 ..... **Palaeogene – Recent**

CADDIDAE Banks, 1893 ..... **Palaeogene – Recent**

Caddo* Banks, 1892*a ..... **Palaeogene – Recent**

10. *Caddo dentipalpus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Bitter. amber

PHALANGIOIDEA Latreille, 1802 ..... **Palaeogene – Recent**

family uncertain

† ***Petrunkevitchiana* Mello-Leitão, 1937** [genus *incertae sedis*] ..... **Palaeogene**

11. *Petrunkevitchiana oculata* (Petrunkevitch, 1922)* ..... Pa Florissant

MONOSCUTIDAE Forster, 1948 ..... **Recent**

no fossil record

NEOPILIONIDAE Lawrence, 1931 ..... **Recent**

no fossil record

PHALANGIIDAE Latreille, 1802 ..... **Palaeogene – Recent**

***Amilenus* Martens, 1969** ..... **Palaeogene – Recent**

12. *Amilenus deltshevi* Dunlop & Mitov, 2009 ..... Pa Bitterfeld amber

***Dicranopalpus* Doleschall, 1852** ..... **Palaeogene – Recent**

13. *Dicranopalpus ramiger* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Bitter. amber

i. = *Opilio corniger* Menge, 1854 ..... Pa Baltic amber

ii. = *Dicranopalpus palmnickensis* Roewer, 1939 ..... Pa Baltic amber

† ***Lacinius* Thorell, 1876** ..... **Palaeogene – Recent**

14. *Lacinius bizleyi* Mitov, Dunlop & Penney, 2015 ..... Pa Baltic / Bitter. Amber

Originally assigned to the extant species *L. erinaceus* Staręga, 1966

† ***Stephanobunus*** **Dunlop & Mammitzsch, 2010** ..... **Palaeogene**

15. *Stephanobunus mitovi* Dunlop & Mammitzsch, 2010* ..... Pa Baltic amber

?Phalangiidae

16. *Opilio ovalis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
    [probably misplaced at genus level]

SCLEROSOMATIDAE Simon, 1879*a* ..... **Jurassic – Recent**

† ***Amauropilio*** **Mello-Leitão, 1937** ..... **Palaeogene**

17. *Amauropilio atavus* (Cockerell, 1907) ..... Pa Florissant
18. *Amauropilio lacoei* (Petrunkevitch, 1922) ..... Pa Florissant

Leiobunum **C. L. Koch, 1839*a*** ..... **Jurassic – Recent**

19. *Leiobunum longipes* Menge, 1854 ..... Pa Baltic /Bitter. amber
    i. = *Leiobunum saparum* Menge, 1854 [?*lapsus*] ..... Pa Baltic amber
    ii. = *Leiobunum inclusum* Roewer, 1939 ..... Pa Baltic amber

† ***Mesobunus*** **Huang, Selden & Dunlop, 2009** ..... **Jurassic**

20. *Mesobunus dunlopi* Giribet, Tourhino, Shih & Ren, 2012 ..... J Daohugou
21. *Mesobunus martensi* Huang, Selden & Dunlop, 2009* ..... J Daohugou

Family uncertain

† ***Daohugopilio*** **Huang, Selden & Dunlop, 2009** ..... **Jurassic**

22. *Daohugopilio sheari* Huang, Selden & Dunlop, 2009* ..... J Daohugou

DYSPNOI Hansen & Sørensen, 1904 (suborder) ..... Carbon. – Recent

family uncertain

† ***Ameticos*** **Garwood *et al*., 2011** ..... **Carboniferous**

23. *Ameticos scolos* Garwood *et al*. 2011* ..... C Montceau-les-Mines

† ***Echinopustulatus*** **Dunlop, 2004** ..... **Carboniferous**

24. *Echinopustulatus samuelnelsoni* Dunlop, 2004* ..... C Missouri

ACROPSOPILIONOIDEA Roewer, 1924 ..... **Recent**

ACROPSOPILIONIDAE Roewer, 1924 ..... **Recent**

no fossil record

superfamily uncertain

† **HALITHERSIDAE Dunlop, Selden & Giribet, 2016** ..... **Cretaceous**

† ***Halitherses*** **Giribet & Dunlop, 2005** ..... **Cretaceous**

25. *Halitherses grimaldii* Giribet & Dunlop, 2005* ..... K Burmese amber

ISCHYROPSALIDOIDEA Simon, 1879*a* ..... **Palaeogene – Recent**

Tentative assignment, family uncertain

† ***Piankhi*** **Dunlop, Bartel & Mitov, 2012** ..... **Palaeogene**

26. *Piankhi steineri* Dunlop, Bartel & Mitov, 2012* ..... Pa Baltic amber

CERATOLASMATIDAE Shear, 1986 ..... **Recent**

no fossil record

ISCHYROPSALIDIDAE Simon, 1879*a* ..... **Recent**

no fossil record

SABACONIDAE Dresco, 1970 ..... **Palaeogene – Recent**

Sabacon* Simon, 1879*a ..... **Palaeogene – Recent**

27. *Sabacon claviger* (Menge, 1854) ..... Pa Baltic amber

i. = *Sabacon bachofeni* Roewer, 1939 ..... Pa Baltic amber

TROGULOIDEA Sundevall, 1833 ..... **Cretaceous – Recent**

HALITHERSIDAE

† ***Halitherses* Giribet & Dunlop, 2005** ..... **Cretaceous**

28. *Halitherses grimaldii* Giribet & Dunlop, 2005* ..... K Burmese amber

DICRANOLASMATIDAE Simon, 1879*a* ..... **Recent**

no fossil record

† **EOTROGULIDAE Petrunkevitch, 1955*a*** ..... **Carboniferous**

† ***Eotrogulus* Thevenin, 1901** ..... **Carboniferous**

29. *Eotrogulus fayoli* Thevenin, 1901* ..... C Commentry

NEMASTOMATIDAE Simon, 1879*a* ..... **Palaeogene – Recent**

***Histricostoma* Kratochvíl, 1958** ..... **Palaeogene – Recent**

30. ?*Histricostoma tuberculatum* (C. L. Koch & Berendt, 1854) Pa Baltic/Bitter. amber

***Mitostoma* Roewer, 1951** ..... **Palaeogene – Recent**

31. ?*Mitostoma denticulatum* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Nemastoma succineum* Roewer, 1939 ..... Pa Baltic amber

32. ?*Mitostoma gruberi* Dunlop & Mitov, 2009 ..... Pa Bitterfeld amber

***Nemastoma* C. L. Koch, 1836** ..... **Palaeogene – Recent**

33. ?*Nemastoma incertum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† **NEMASTOMOIDIDAE Petrunkevitch, 1955*a*** ..... **Carboniferous**

† ***Nemastomoides* Thevenin, 1901** ..... **Carboniferous**

= † *Protopilio* Petrunkevitch, 1913

34. *Nemastomoides elaveris* Thevenin, 1901* ..... C Commentry

35. *Nemastomoides longipes* (Petrunkevitch, 1913) ..... C Mazon Creek

NIPPONOSALIDIDAE Martens, 1976 ..... **Recent**

no fossil record

TROGULIDAE Sundevall, 1833 ..... **Palaeogene – Recent**

***Trogulus* Latreille, 1802** ..... **Palaeogene – Recent**

36. *Trogulus longipes* Haupt, 1956 ..... Pa Geiseltal

LANIATORES Thorell, 1876*c* (suborder) ..... **Cretaceous – Recent**

family uncertain

***Philacarus* Sørensen, 1932** ..... **Neogene – Recent**

37. *Philacarus hispaniolensis* Cokendolpher & Poinar, 1992 ..... Ne Dominican amber

INSIDIATORES Loman, 1900 (infraorder) ..... **Palaeogene – Recent**

TRAVUNIOIDEA Absolon & Kratochvíl, 1932 ..... **Palaeogene – Recent**

CLADONYCHIDAE Hadži, 1935 ..... **Palaeogene – Recent**

† ***Proholoscotolemon* Ubick & Dunlop, 2005** ..... **Palaeogene**

38. *Proholoscotolemon nemastomoides* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

?*Proholoscotolemon* sp. *in* Ubick & Dunlop (2005) ..... Pa Baltic amber

PENTANYCHIDAE Briggs, 1971 ..... **Recent**

no fossil record

TRAVUNIIDAE Absolon & Kratochvíl, 1932 ..... **Recent**

no fossil record

TRIAENONYCHOIDEA Sørensen, 1886 ..... **Recent**

SYNTHETONYCHIIDAE Forster, 1954 ..... **Recent**

no fossil record

TRIAENONYCHIDAE Sørensen, 1886 ..... **Recent**

no fossil record

GRASSATORES Kury, 2002 (infraorder) ..... **Cretaceous – Recent**

SAMOIDEA Sørensen, 1886 ..... **Neogene – Recent**

BIANTIDAE Thorell, 1889 ..... **Recent**

no fossil record

ESCADABIIDAE Kury & Pérez González *in* Kury, 2003 ..... **Recent**

no fossil record

KIMULIDAE Pérez González, Kury & Alonso-Zarazaga *in* Pérez González & Kury, 2007 ..... **Neogene – Recent**

***Kimula* Goodnight & Goodnight, 1942** ..... **Neogene – Recent**

Kimula sp. *in* Cokendolpher & Poinar (1992) ..... Ne Dominican amber

PODOCTIDAE Roewer, 1912 ..... **Recent**

no fossil record

SAMOIDAE Sørensen, 1886 ..... **Neogene – Recent**

***Hummelinckiolus* Šilhavý, 1979** ..... **Neogene – Recent**

39. *Hummelinckiolus silhavyi* Cokendolpher & Poinar, 1998 ..... Ne Dominican amber

***Pellobunus* Banks, 1905** ..... **Neogene – Recent**

40. *Pellobunus proavus* Cokendolpher, 1987 ..... Ne Dominican amber

STYGNOMMATIDAE Roewer, 1923 ..... **Recent**

no fossil record

ASSAMIOIDEA Sørensen, 1884 ..... **Cretaceous – Recent**

ASSAMIIDAE Sørensen, 1884 ..... **Recent**

no fossil record

EPEDANIDAE Sørensen, 1886 ..... **Cretaceous – Recent**

† ***Pterobunoides* Selden, Dunlop, Giribet, Zhang & Ren, 2016** ..... **Cretaceous**

41. *Pterobunoides sharmai* Selden, Dunlop, Giribet, Zhang & Ren, 2016* .... K Burmese amber

PETROBUNIDAE Sharma & Giribet, 2011 ..... **Recent**

no fossil record

PYRAMIDOPIIDAE Sharma, Prieto & Giribet, 2011 ..... **Recent**

no fossil record

STYGNOPSIDAE Sørensen, 1932 ..... **Recent**

no fossil record

TITHAEIDAE Sharma & Giribet, 2011 ..... **Recent**

no fossil record

GONYLEPTOIDEA Sundevall, 1833 ..... **Recent**

AGORISTENIDAE Šilhavý, 1973 ..... **Recent**

no fossil record

COSMETIDAE C. L. Koch, 1839*a* ..... **Recent**

no fossil record

CRANAIDAE Roewer, 1913 ..... **Recent**

no fossil record

GONYLEPTIDAE Sundevall, 1833 ..... **Recent**

no fossil record

MANAOSBIIDAE Roewer, 1943 ..... **Recent**

no fossil record

STYGNIDAE Simon, 1879*b* ..... **Recent**

no fossil record

PHALANGODOIDEA Simon, 1879*a* ..... **Recent**

ONCOPODIDAE Thorell, 1876*c* ..... **Recent**

no fossil record

PHALANGODIDAE Simon, 1879*a* ..... **Recent**

no fossil record

ZALMOXOIDEA Sørensen, 1886 ..... **Recent**

FISSIPHALLIIDAE Martens, 1988 ..... **Recent**

no fossil record

GUASINIIDAE González-Sponga, 1997 ..... **Recent**

no fossil record

ICALEPTIDAE Kury & Pérez González, 2002 ..... **Recent**

no fossil record

ZALMOXIDAE Sørensen, 1886 ..... **Recent**

no fossil record

OPILIONES *incertae sedis*

unnamed specimen *in* Jell & Duncan (1986) ..... K Koonwarra

† ***Arachnometa* Petrunkevitch, 1949** ..... **Carboniferous**

42. *Arachnometa tuberculata* Petrunkevitch, 1949* ..... C Coseley

Originally misplaced in Aranae, transferred to Opiliones by Selden *et al*. (2016)

NOMINA DUBIA

1. *Cheiromachus coriaceus* Menge, 1854 ..... Pa Baltic amber
2. *Phalangium succineum* Presl, 1822 ..... Pa Baltic amber

MISIDENTIFICATIONS

1. *Hasseltides primigenius* Weyenbergh, 1869 [crinoid] ..... J Solnhofen
2. *Phalangites multipes* Münster *in* Roth, 1851 [crustacean] ..... J Solnhofen
3. *Phalangites priscus* Münster, 1839 [crustacean] ..... J Solnhofen
4. *Rhabdotarachnoides simoni* Haupt, 1957 [plant fragment] ..... P Rotliegend

6,491 Recent species according to Kury (2011)

PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

† **PHALANGIOTARBIDA Haase, 1890** ..... **Devonian – Permian**

= † ARCHITARBIDA Petrunkevitch, 1945*a*

† **DEVONOTARBIDAE Poschmann & Dunlop, 2012** ..... **Devonian**

† ***Devonotarbus* Poschmann, Anderson & Dunlop, 2005** ..... **Devonian**

1. *Devonotarbus hombachensis* Poschmann, Anderson & Dunlop, 2005* D Germany

† **ANTHRACOTARBIDAE Kjellesvig-Waering, 1969** ..... **Carboniferous**

† ***Anthracotarbus* Kjellesvig-Waering, 1969** ..... **Carboniferous**

2. *Anthracotarbus hintoni* Kjellesvig-Waering, 1969* ..... C Oklahoma

† **ARCHITARBIDAE Karsch, 1882** ..... **Carboniferous**

= † PHALANGIOTARBIDAE Haase, 1890

† ***Architarbus* Scudder, 1868** ..... **Carboniferous**

3. *Architarbus hoffmanni* Guthörl, 1934 ..... C Saar basin
   i. = *Opiliotarbus kliveri* Waterlot, 1935..... C Saar basin
   ii. = *Goniotarbus sarana* Guthörl, 1965 ..... C Saar basin
4. *Architarbus minor* Petrunkevitch, 1913 ..... C Mazon Creek
5. *Architarbus rotundatus* Scudder, 1868* ..... C Mazon Creek

† ***Bornatarbus* Rößler & Schneider, 1997** ..... **Carboniferous**

6. *Bornatarbus mayasii* (Haupt *in* Nindel, 1955)* ..... C Germany / UK

† ***Discotarbus* Petrunkevitch, 1913** ..... **Carboniferous**

7. *Discotarbus deplanatus* Petrunkevitch, 1913* ..... C Mazon Creek

† ***Geratarbus* Scudder, 1890*b*** ..... **Carboniferous**

8. *Geratarbus lacoei* Scudder, 1890*b** ..... C Mazon Creek
9. *Geratarbus bohemicus* Petrunkevitch, 1953 ..... C Nýřany

† ***Goniotarbus* Petrunkevitch, 1949** ..... **Carboniferous**

10. *Goniotarbus angulatus* (Pocock, 1911) ..... C Coseley
11. *Goniotarbus tuberculatus* (Pocock, 1911)* ..... C Coseley
    i. = *Goniotarbus tuberculatus* Petrunkevitch, 1949 ..... C Coseley

† ***Hadrachne* Melander, 1903** ..... **Carboniferous**

12. *Hadrachne horribilis* Melander, 1903* ..... C Mazon Creek

† ***Leptotarbus* Petrunkevitch, 1945*a*** ..... **Carboniferous**

13. *Leptotarbus torpedo* (Pocock, 1911)* ..... C Coseley

† ***Mesotarbus* Petrunkevitch, 1949** ..... **Carboniferous**

14. *Mesotarbus angustus* (Pocock, 1911) ..... C Coseley

15. *Mesotarbus eggintoni* (Pocock, 1911) ..... C Coseley
16. *Mesotarbus hindi* (Pocock, 1911) ..... C Coseley
17. *Mesotarbus intermedius* Petrunkevitch, 1949* ..... C Coseley
18. *Mesotarbus peteri* Dunlop & Horrocks, 1997 ..... C Westhoughton

† ***Metatarbus* Petrunkevitch, 1913** ..... **Carboniferous**

19. *Metatarbus triangularis* Petrunkevitch, 1913* ..... C Mazon Creek

† ***Ootarbus* Petrunkevitch, 1945*a*** ..... **Carboniferous**

20. *Ootarbus pulcher* Petrunkevitch, 1945*a** ..... C Mazon Creek
21. *Ootarbus ovatus* Petrunkevitch, 1945*a* ..... C Mazon Creek

† ***Orthotarbus* Petrunkevitch, 1945*a*** ..... **Carboniferous**

22. *Orthotarbus longipes* Simon, 1971 ..... C Halleschen Mulde
23. *Orthotarbus minutus* (Petrunkevitch, 1913)* ..... C Mazon Creek
24. *Orthotarbus robustus* Petrunkevitch, 1945*a* ..... C Mazon Creek
25. *Orthotarbus nyranensis* Petrunkevitch, 1953 ..... C Nýřany

† ***Paratarbus* Petrunkevitch, 1945a** ..... **Carboniferous**

26. *Paratarbus carbonarius* Petrunkevitch, 1945*a** ..... C Mazon Creek

† ***Phalangiotarbus* Haase, 1890** ..... **Carboniferous**

27. *Phalangiotarbus subovalis* (Woodward, 1872*b*)* ..... C Burnley

† ***Pycnotarbus* Darber, 1990** ..... **Carboniferous**

28. *Pycnotarbus verrucosus* Darber, 1990* ..... C Oelsnitz

† ***Triangulotarbus* Patrick, 1989** ..... **Carboniferous**

29. *Triangulotarbus terrehautensis* Patrick, 1989* ..... C Indiana

† **HETEROTARBIDAE Petrunkevitch, 1913** ..... **Carboniferous**

† ***Heterotarbus* Petrunkevitch, 1913** ..... **Carboniferous**

30. *Heterotarbus ovatus* Petrunkevitch, 1913* ..... C Mazon Creek

† **OPILIOTARBIDAE Petrunkevitch, 1945*a*** ..... **Carb. – Permian**

† ***Opiliotarbus* Pocock, 1910** ..... **Carb. – Permian**

31. *Opiliotarbus elongatus* (Scudder, 1890*b*)* ..... C – P USA / Germany

NOMINA DUBIA

1. *Eotarbus litoralis* Kušta, 1888 ..... C Rakovník
2. *Nemastomoides depressus* Petrunkevitch, 1913 ..... C Mazon Creek

no Recent species

PSEUDOSCORPIONES

47 currently valid species of fossil pseudoscorpion

PSEUDOSCORPIONES De Geer, 1778 ..... **Devonian – Recent**

= CHERNETES Simon, 1879*a*

† **DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991 (plesion family)** ..... **Devonian**

† ***Dracochela* Schawaller, Shear & Bonamo, 1991** ..... **Devonian**

1. *Dracochela deprehendor* Schawaller, Shear & Bonamo, 1991* ..... D Gilboa

CHELONETHI Thorell, 1882 ..... **Cretaceous – Recent**

EPIOCHIERATA Harvey, 1992 ..... **Cretaceous – Recent**

CHTHONOIDEA Daday, 1888 ..... **Palaeogene – Recent**

CHTHONIIDAE Daday, 1888 ..... **Palaeogene – Recent**

Chthonius* C. L. Koch, 1843*a ..... **Palaeogene – Recent**

2. *Chthonius* (*Chthonius*) *mengei* Beier, 1937 ..... Pa Baltic amber
3. *Chthonius* (*Chthonius*) *pristinus* Schawaller, 1978 ..... Pa Baltic amber

***Paraliochthonius* Beier, 1956** ..... **Neogene – Recent**

4. *Paraliochthonius miomaya* Judson, 2016 ..... Ne Chiapas amber

***Pseudochthonius* Balzan, 1892** ..... **Neogene – Recent**

5. *Pseudochthonius squamosus* Schawaller, 1980*a* ..... Ne Dominican amber

***Tyrannchthonius* Chamberlin, 1929** ..... **Neogene – Recent**

Tyrannchthonius sp. *in* Judson (2010) ..... Qt Madagascan copal

Tyrannchthonius sp. *in* Judson (2016) ..... Ne Chiapas amber

LECHYTIDAE Chamberlin, 1929 ..... **Neogene – Recent**

***Lechytia* Balzan, 1892** ..... **Neogene – Recent**

6. *Lechytia tertiaria* Schawaller, 1980*a* ..... Ne Dominican amber

TRIDENCHTHONIIDAE Balzan, 1892 ..... **Palaeogene – Recent**

= DITHIDAE Chamberlin, 1929

† ***Chelignathus* Menge, 1854** ..... **Palaeogene**

7. *Chelignathus kochii* Menge, 1854* ..... Pa Baltic amber

FEAELLOIDEA Ellingsen, 1906 ..... **Cretcaeous – Recent**

FEAELLIDAE Ellingsen, 1906 ..... **Cretcaeous – Recent**

***Feaella (Tetrafeaella)* Beier, 1955** ..... **Palaeogene – Recent**

8. *Feaella (Tetrafeaella) groehni* Henderickx *in* Henderickx & Boone, 2014 Pa Baltic amber

† ***Protofeaella*** **Henderickx *in* Henderickx & Boone, 2014** ..... **Cretcaeous – Recent**

9. *Protofeaella peetersae* Henderickx *in* Henderickx & Boone, 2016* ..... K Burmese amber

PSEUDOGARYPIDAE Chamberlin, 1923*a* ..... **Palaeogene – Recent**

Pseudogarypus **Ellingsen, 1909** ..... **Palaeogene – Recent**

10. *Pseudogarypus extensus* Beier, 1937 ..... Pa Baltic amber
11. *Pseudogarypus hemprichii* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
12. *Pseudogarypus minor* Beier, 1947*a* ..... Pa Baltic/Rovno amber
13. *Pseudogarypus pangaea* Henderickx *in* Henderickx *et al.*, 2006 ..... Pa Baltic amber
14. *Pseudogarypus synchrotron* Henderickx *in* Henderickx *et al.*, 2012 ..... Pa Baltic amber

IOCHIERATA Harvey, 1992 ..... **Cretaceous – Recent**

HEMICTENATA Balzan, 1892 ..... **Cretaceous – Recent**

NEOBISIOIDEA Chamberlin, 1930 ..... **Cretaceous – Recent**

BOCHICIDAE Chamberlin, 1930 ..... **Recent**

= VACHONIIDAE Chamberlin, 1947

no fossil record

GYMNOBISIIDAE Beier, 1947*b* ..... **Recent**

no fossil record

HYIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

IDEORONCIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

NEOBISIIDAE Chamberlin, 1930 ..... **Cretaceous – Recent**

= OBISIIDAE Sundevall, 1833

† ***Electrobisium*** **Cockerell, 1917** ..... **Cretaceous**

15. *Electrobisium acutum* Cockerell, 1917*a** ..... K Burmese amber

Microcreagris **Balzan, 1892** ..... **Palaeogene – Recent**

16. *Microcreagris koellnerorum* Schawaller, 1978 ..... Pa Baltic amber

Neobisium **Chamberlin, 1930** ..... **Palaeogene – Recent**

17. *Neobisium* (*Neobisium*) *exstinctum* Beier, 1955 ..... Pa Baltic amber
18. *Neobisium henderickxi* Judson, 2003 ..... Pa Baltic amber

Roncus **L. Koch, 1873** ..... **Palaeogene – Recent**

19. *Roncus succineus* Beier, 1955 ..... Pa Baltic amber

PARAHYIDAE Harvey, 1992 ..... **Recent**

no fossil record

SYARINIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

PANCTENATA Balzan, 1892 ..... **Cretaceous – Recent**

GARYPOIDEA Simon, 1879*a* ..... **Cretaceous – Recent**

GARYPIDAE Simon, 1879*a* ..... **Recent**

= SYNSPHRONIDAE Beier, 1932*a*

no fossil record

GARYPINIDAE Daday, 1888 ..... **Cretaceous – Recent**

Amblyolpium* Simon, 1898*b ..... **Cretaceous – Recent**

20. *Amblyolpium burmiticum* (Cockerell, 1920) ..... K Burmese amber

***Garypinus* Daday, 1888** ..... **Palaeogene – Recent**

21. *Garypinus electri* Beier, 1937 ..... Pa Baltic amber

GEOGARYPIDAE Chamberlin, 1930 ..... **Palaeogene – Recent**

***Geogarypus* Chamberlin, 1930** ..... **Palaeogene – Recent**

22. *Geogarypus gorskii* Henderickx, 2005 ..... Pa Baltic/Rovno amber

23. *Geogarypus macrodactylus* Beier, 1937 ..... Pa Baltic amber

24. *Geogarypus major* Beier, 1937 ..... Pa Baltic amber

LARCIDAE Harvey, 1992 ..... **Recent**

no fossil record

MENTHIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

OLPIIDAE Banks, 1895 ..... **Palaeogene – Recent**

no fossil record

STERNOPHOROIDEA Chamberlin, 1923*b* ..... **Neogene – Recent**

STERNOPHORIDAE Chamberlin, 1923*b* ..... **Neogene – Recent**

***Idiogaryops* Hoff, 1963** ..... **Neogene – Recent**

25. *Idiogaryops pumilus* (Hoff, 1963) **[Recent]** ..... Ne–R Dominican amber

CHEIRIDIOIDEA Hansen, 1894 ..... **Palaeogene – Recent**

CHEIRIDIIDAE Hansen, 1894 ..... **Palaeogene – Recent**

***Cheiridium* Menge, 1855** ..... **Palaeogene – Recent**

26. *Cheiridium hartmanni* (Menge, 1854) ..... Pa Baltic amber

Cryptocheiridium* Chamberlin, 1931*a ..... **Neogene – Recent**

27. *Cryptocheiridium* (*Cryptocheiridium*) *antiquum* Schawaller, 1981 ..... Ne Dominican amber

PSEUDOCHIRIDIIDAE Chamberlin, 1923*b* ..... **Neogene – Recent**

***Pseudochiridium* With, 1906** ..... **Neogene – Recent**

28. *Pseudochiridium lindae* Judson, 2007 ..... Ne Dominican amber

CHELIFEROIDEA Risso, 1826 ..... **Cretaceous – Recent**

ATEMNIDAE Kishida, 1929 ..... **Palaeogene – Recent**

Atemninae indet. *in* Judson (2010) ..... Qt Dominican amber

***Paratemnoides* Harvey, 1991** ..... **Neogene – Recent**

29. *Paratemnoides nidificator* (Balzan, 1888) **[Recent]** ..... Qt–R Colombian copal

Paratemnoides (?) sp. *in* Judson (2016) ..... Ne Chiapas amber

† ***Progonatemnus* Beier, 1955** ..... **Palaeogene**

30. *Progonatemnus succineus* Beier, 1955* ..... Pa Baltic amber

CHELIFERIDAE Risso, 1826 ..... **Cretaceous – Recent**

Cheliferidae? indet. *in* Judson (2009) ..... K Archingeay amber

Cheliferini gen. sp. indet *in* Judson (2016) ..... Ne Chiapas amber

† ***Dichela* Menge, 1854** ..... **Palaeogene**

= † *Oligochelifer* Beier, 1937

31. *Dichela berendtii* Menge, 1954* ..... Pa Baltic amber
32. *Dichela gracilis* (Beier, 1937) ..... Pa Baltic amber
33. *Dichela granulatus* (Beier, 1937) ..... Pa Baltic amber
34. *Dichela serratidentatus* (Beier, 1937) ..... Pa Baltic amber

† ***Electrochelifer* Beier, 1937** ..... **Palaeogene**

35. *Electrochelifer bachofeni* Beier, 1947*a* ..... Pa Baltic amber
36. *Electrochelifer balticus* Beier, 1955 ..... Pa Baltic amber
37. *Electrochelifer mengei* Beier, 1937* ..... Pa Baltic amber
38. *Electrochelifer rapulitarsatus* Beier, 1947*a* ..... Pa Baltic amber

† ***Heurtaultia* Judson, 2009** [tentative referal to family] ..... **Cretaceous**

39. *Heurtaultia rossiorum* Judson, 2009 ..... K Archingeay amber

† ***Pycnochelifer* Beier, 1937** ..... **Palaeogene**

40. *Pycnochelifer kleemanni* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

i. = *Obisium rathkii* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Trachychelifer* Hong, 1983b** ..... **Palaeogene**

41. *Trachychelifer liaoningense* Hong, 1983*b** ..... Pa Chinese amber

CHERNETIDAE Menge, 1855 ..... **Cretaceous – Recent**

Chernetidae gen. et sp. indet *in* Schawaller (1991) ..... K Canadian amber

Chernetidae gen. et sp. indet *in* Schawaller (1982*b*) ..... Ne Chiapas amber

***Byrsochernes* Beier, 1959** ..... **Neogene – Recent**

= † *Mayachernes* Riquelme, Piedra-Jiménez & Córdova-Tabares, 2014 *in* Riquelme *et al*. (2014)

42. *Byrsochernes maatiatus* (Riquelme, Piedra-Jiménez & Córdova-Tabares, 2014 *in* Riquelme *et al*. (2014)) ..... Ne Chiapas amber

***Lustrochernes* Beier, 1932** ..... **Neogene – Recent**

Lustrochernes (?) sp. 1–2 *in* Judson (2016) ..... Ne Chiapas amber

† ***Oligochernes*** **Beier, 1937** ..... **Palaeogene**

43. *Oligochernes bachofeni* Beier, 1937 ..... Pa Baltic amber

44. *Oligochernes wigandi* (Menge, 1854) ..... Pa Baltic amber

Pachychernes **Beier, 1932*b*** ..... **Neogene – Recent**

45. *Pachychernes effossus* Schawaller, 1980*b* ..... Ne Dominican amber

46. *Pachychernes* aff. *subrobustus* (Balzan, 1892) **[Recent]** ..... Qt–R Colombian copal

WITHIIDAE Chamberlin, 1931*b* ..... **Palaeogene – Recent**

† ***Beierowithius*** **Mahnert, 1979** ..... **Palaeogene**

47. *Beierowithius sieboldtii* (Menge, 1854)* ..... Pa Baltic amber

Withius **Kew, 1911** ..... **Quaternary – Recent**

48. *Withius eucarpus* (Dalman, 1826) ..... Qt East African opal

NOMUM DUBIUM

1. *Chelifer ehrenbergii* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

NOMUM NUDUM

1. *Chelifer fossilis* Weyenbergh, 1874 ..... J Solnhofen

3,454 Recent species according to Harvey (2011)

SOLIFUGAE

6 currently valid species of camel spider

- *Schneidarachne* appears to show some solifuge-like features and was tentatively assigned to the stem-lineage of this order; for convienience it is listed here alongside the camel spiders
- a family name Protosolpugidae has been proposed for *Protosolpuga*, but was not recognised in most of the subsequent literature – cf. Selden & Shear's (1996) revision

stem-lineage?

† ***Schneidarachne*** **Dunlop & Rössler, 2003** ..... **Carboniferous**

1. *Schneidarachne saganii* Dunlop & Rössler, 2003* ..... C Kamienna Góra

SOLIFUGAE Sundevall, 1833 ..... Carbon. – Recent

SOLIFUGAE *INCERTAE SEDIS*

† ***Protosolpuga*** **Petrunkevitch, 1913** ..... **Carboniferous**

2. *Protosolpuga carbonaria* Petrunkevitch, 1913* ..... C Mazon Creek

† ***Cushingia*** **Dunlop, Bird, Brookhart & Bechly 2015** ..... **Cretaceous**

3. *Cushingia ellenbergeri* Dunlop, Bird, Brookhart & Bechly 2015* ..... K Burmese Amber

AMMOTRECHIDAE Roewer, 1934 ..... **Neogene – Recent**

† ***Happlodontus*** **Poinar & Santiago-Blay, 1989** ..... **Neogene**

4. *Happlodontus proterus* Poinar & Santiago-Blay, 1989* ..... Ne Dominican amber

CEROMIDAE Roewer, 1933 ..... **Cretaceous – Recent**

† ***Cratosolpuga*** **Selden *in* Selden & Shear, 1996** ..... **Cretaceous**

5. *Cratosolpuga wunderlichi* Selden *in* Selden & Shear, 1996* ..... K Crato Formation

DAESIIDAE Kraepelin, 1899 ..... **Palaeogene – Recent**

† ***Palaeoblossia*** **Dunlop, Wunderlich & Poinar, 2004** ..... **Palaeogene**

6. *Palaeoblossia groehni* Dunlop, Wunderlich & Poinar, 2004* ..... Pa Baltic amber

EREMOBATIDAE Kraepelin, 1901 ..... **Recent**

no fossil record

GALEODIDAE Sundevall, 1833 ..... **Recent**

no fossil record

GYLIPPIDAE Roewer, 1933 ..... **Recent**

no fossil record

HEXISOPODIDAE Pocock, 1897 ..... **Recent**

no fossil record

KARSCHIIDAE Kraepelin, 1899 ..... **Recent**

no fossil record

MELANOBLOSSIDAE Roewer, 1933 ..... **Recent**

no fossil record

MUMMUCIIDAE Roewer, 1934 ..... **Recent**

no fossil record

RHAGODIDAE Pocock, 1897 ..... **Recent**

no fossil record

SOLPUGIDAE Leach, 1815 ..... **Recent**

no fossil record

1,113 Recent species according to Prendini (2011)

PALPIGRADI

2 currently valid species of fossil palpigrade

PALPIGRADI Thorell, 1888 ..... **Cretaceous – Recent**

= MICROTHELYPHONIDA Grassi & Calandruccio, 1885

family uncertain

† ***Paleokoenenia*** **Rowland & Sissom, 1980** ..... **Neogene**

1. *Paleokoenenia mordax* Rowland & Sissom, 1980* ..... Ne Onyx Marble

EUKOENENIIDAE Petrunkevitch, 1955*a* ..... **Cretaceous – Recent**

† ***Electrokoenenia*** **Engel & Huang *in* Engel *et al*., 2016** ..... **Cretaceous**

2. *Electrokoenenia yaksha* Engel & Huang *in* Engel *et al*., 2016* ..... K Burmese amber

PROKOENENIIDAE Condé, 1996 ..... **Recent**

no fossil record

MISIDENTIFICATIONS

1. *Sternarthron zitteli* Haase, 1890 [insect] ..... J Solnhofen
2. *Sternarthron zitteli* var. *minor* (Oppenheim, 1887) [insect] ..... J Solnhofen

82 Recent species according to Prendini (2011)

ACARI: PARASITIFORMES

16 currently valid species of fossil parasitiform mite

- higher systematics and sequence of taxa follows the third edition of *A Manual of Acarology* (Krantz & Walter, eds, 2009), except that their orders are listed here as suborders, and suborders as infraorders to achieve some degree of consistency with other arachnid higher taxa throughout this list

PARASITIFORMES Reuter, 1909 ..... **Cretaceous – Recent**

= ANACTINOTRICHIDA author, date?

OPILIOACARIDA Zachvatkin, 1952 (suborder) ..... **Cretaceous – Recent**

= NOTOSTIGMATA author, date?

OPILIOACAROIDEA Vitzthum, 1931 ..... **Cretaceous – Recent**

OPILIOACARIDAE Vitzthum, 1931 ..... **Cretaceous – Recent**

= NEOACARIDAE Chamberlin & Mulaik, 1942

***Opilioacarus* With, 1902** ..... **?Cretaceous – Recent**

1. *?Opilioacarus aenigmus* Dunlop, Sempf & Wunderlich, 2010 ..... Pa Baltic amber
2. ?*Opilioacarus groehni* Dunlop & Bernardi, 2014 ..... K Burmese amber

***Paracarus* Chamberlin & Mulaik, 1942** ..... **Palaeogene – Recent**

3. *Paracarus pristinus* Dunlop, Wunderlich & Poinar, 2004 ..... Pa Baltic amber

HOLOTHYRIDA Thorell, 1882 (suborder) ..... **Recent**

= TETRASTIGMATA author, date?

HOLOTYHROIDEA Thorell, 1882 ..... **Recent**

ALLOTHYRIDAE van der Hammen, 1972 ..... **Recent**

no fossil record

HOLOTHYRIDAE Thorell, 1882 ..... **Recent**

no fossil record

NEOTHYRIDAE Lehtinen, 1981 ..... **Recent**

no fossil record

IXODIDA Leach, 1815 (suborder) ..... **Cretaceous – Recent**

= METASTIGMATA author, date?

IXODOIDEA Banks, 1907 ..... **Cretaceous – Recent**

ARGASIDAE Murray, 1877 ..... **Cretaceous – Recent**

***Carios* Latreille, 1796** ..... **Cretaceous – Recent**

4. *Carios jerseyi* Klompen & Grimaldi, 2001 ..... K New Jersey amber

***Ornithodoros* C. L. Koch, 1844** ..... **Neogene – Recent**

5. *Ornithodoros antiquus* Poinar, 1995 ..... Ne Dominican amber

IXODIDAE Banks, 1907 ..... **Cretaceous – Recent**

***Amblyomma* C. L. Koch, 1844** ..... **Cretaceous – Recent**

6. *Amblyomma* near *argentinae* Neumann, 1905 **[Recent]** (as *testudinis*) *in* Lane & Poinar (1986) ..... Ne–R Dominican amber
7. *Amblyomma* near *dissimile* C. L. Koch, 1844 **[Recent]** *in* Kierens *et al*. (1986) ..... Ne–R Dominican amber

Amblyomma sp. *in* (Klompen *in* Grimaldi *et al*. 2002) ..... K Burmese amber

† ***Compluriscutata* Poinar & Buckley, 2008** ..... **Cretaceous**

8. *Compluriscutata vetulum* Poinar & Buckley, 2008* ..... K Burmese amber

† ***Cornupalpatum* Poinar & Brown, 2003** ..... **Cretaceous**

9. *Cornupalpatum burmanicum* Poinar & Brown, 2003* ..... K Burmese amber

***Dermacentor* C. L. Koch, 1844** ..... **Neogene – Recent**

10. *Dermacentor* nr. *reticulatus* (Fabricius, 1794) **[Recent]** (*in* Kulczyński *in* Schille 1916) ..... Ne–R in a Rhino's ear

***Hyalomma* C. L. Koch, 1844** ..... **Palaeogene – Recent**

Hyalomma spp. ..... Pa Baltic amber

***Ixodes* Latreille, 1795** ..... **Palaeogene – Recent**

11. *Ixodes sigelos* Keirans, Clifford & Corwin, 1976 **[Recent]** ..... Qt Argentina
12. *Ixodes succineus* Weidner, 1964 ..... Pa Baltic amber

NUTALLIELLIDAE Schulze, 1935 ..... **Recent**

no fossil record

MESOSTIGMATA G. Canestrini, 1891 (suborder) ..... Palaeogene – Recent

= GAMASIDA Leach, 1815

SEJIDA Kramer, 1885 (infraorder) ..... Palaeogene – Recent

= LIROASPINA author, date?

= TRICHOPYGIDIINA author, date?

SEJOIDEA Berlese, 1885 ..... **Palaeogene – Recent**

ICHTHYOSTOMATOGASTERIDAE Sellnick, 1953 ..... **Recent**

no fossil record

SEJIDAE Berlese, 1885 ..... **Palaeogene – Recent**

= LIROASPIDIDAE Trägårdh, 1946

***Sejus* C. L. Koch, 1836** [NB: *Seius* in an invalid emendation] ..... **Palaeogene – Recent**

13. *Sejus bdelloides* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

UROPODELLIDAE Camin, 1955 ..... **Recent**

no fossil record

TRIGYNASPIDA Camin & Gorirossi, 1955 (infraorder) ..... **Recent**

CERCOMEGISTINA Camin & Gorirossi, 1955 (cohort) ..... **Recent**

CERCOMEGISTOIDEA Trägårdh, 1937 ..... **Recent**

ASTERNOSEIIDAE Vale, 1955 ..... **Recent**

no fossil record

CERCOMEGISTIDAE Trägårdh, 1937 ..... **Recent**

no fossil record

DAVACARIDAE Kethley, 1979 ..... **Recent**

no fossil record

PYROSEJIDAE Lindquist & Moraza, 1993 ..... **Recent**

no fossil record

SALTISEIIDAE Walter, 2000 ..... **Recent**

no fossil record

SEIODIDAE Kethley, 1979 ..... **Recent**

no fossil record

ANTENNOPHORINA Berlese, 1882 (cohort) ..... **Recent**

ANTENNOPHOROIDEA Berlese, 1892 ..... **Recent**

ANTENNOPHORIDAE Berlese, 1892 ..... **Recent**

no fossil record

CELAENOPSOIDEA Berlese, 1892 ..... **Recent**

CELAENOPSIDAE Berlse, 1892 ..... **Recent**

no fossil record

COSTACARIDAE Hunter, 1993 ..... **Recent**

no fossil record

DIPLOGYNIIDAE Trägårdh, 1941 ..... **Recent**

no fossil record

EUZERCONIDAE Trägårdh, 1938 ..... **Recent**

no fossil record

MEGACELAENOPSIDAE Funck, 1975 ..... **Recent**

no fossil record

MEINERTULIDAE Trägårdh, 1950 ..... **Recent**

no fossil record

NEOTENOGYNIIDAE Kethley, 1974 ..... **Recent**

no fossil record

SCHIZOGYNIIDAE Trägårdh, 1950 ..... **Recent**

no fossil record

TRIPLOGYNIIDAE Funck, 1977 ..... **Recent**

no fossil record

PARAMEGISTOIDEA Trägårdh, 1946 ..... **Recent**

PARAMEGISTIDAE Trägårdh, 1946 ..... **Recent**

no fossil record

FEDRIZZIOIDEA Trägårdh, 1937 ..... **Recent**

FEDRIZZIIDAE Trägårdh, 1937 ..... **Recent**

no fossil record

KLINCKOWSTROEMIIDAE Camin & Gorirossi, 1955 ..... **Recent**

no fossil record

PROMEGISTIDAE Kethley, 1979 ..... **Recent**

no fossil record

MEGISTHANOIDEA Berlese, 1914 ..... **Recent**

HOPLOMEGISTIDAE Camin & Gorirossi, 1955 ..... **Recent**

no fossil record

MEGISTHANIDAE Berlese, 1914 ..... **Recent**

no fossil record

PARANTENNULOIDEA Willmann, 1940 ..... **Recent**

PARANTENNULIDAE Willmann, 1940 ..... **Recent**

no fossil record

PHILODANIDAE Kethley, 1977*b* ..... **Recent**

no fossil record

AENICTEQUOIDEA Kethley, 1979 ..... **Recent**

AENICTEQUIDAE Kethley, 1979 ..... **Recent**

no fossil record

EUPHYSALOZERCONIDAE Kim, 2008 ..... **Recent**

no fossil record

MESSORACARIDAE Kethley, 1977 ..... **Recent**

no fossil record

PHYSALOZERCONIDAE Kethley, 1977 ..... **Recent**

no fossil record

PTOCHACARIDAE Kethley, 1979 ..... **Recent**

no fossil record

MONOGYNASPIDA Camin &Goriossi, 1955 (infrorder) ..... **Palaeogene – Recent**

MICROGYNIINA Trägårdh, 1942 (cohort) ..... **Palaeogene –Recent**

MICROGYNIOIDEA Trägårdh, 1942 ..... **Palaeogene –Recent**

Microgynoidea sp. *in* Dunlop *et al*. (2013) ..... Pa Baltic amber

MICROGYNIIDAE Trägårdh, 1942 ..... **Recent**

= MICROSEJIDAE Trägårdh, 1942

no fossil record

NOTHOGYNIDAE Walter & Kranz, 1999 ..... **Recent**

no fossil record

HEATHERELLINA author, date? (cohort) ..... **Recent**

HEATHERELLOIDEA Walter, 1997 ..... **Recent**

HEATHERELLIDAE Walter, 1997 ..... **Recent**

no fossil record

UROPODOIDEA Kramer, 1881 (cohort) ..... **Palaeogene – Recent**

UROPODIAE Kramer, 1881 (subcohort) ..... **Palaeogene – Recent**

PROTODINYCHOIDEA Evans, 1957 ..... **Recent**

PROTODINYCHIDAE Evans, 1957 ..... **Recent**

no fossil record

THINOZERCONOIDEA Halbert, 1915 ..... **Recent**

THINOZERCONIDAE Halbert, 1915 ..... **Recent**

no fossil record

POLYASPIDOIDEA Berlese, 1913 ..... **Recent**

DITHINOZERCONIDAE Ainscough, 1979 ..... **Recent**

no fossil record

POLYASPIDIDAE Berlese, 1913 ..... **Recent**

no fossil record

TRACHYTIDAE Trägårdh, 1938 ..... **Recent**

no fossil record

UROPODOIDEA Kramer, 1881 ..... **Palaeogene – Recent**

BALOGHJKASZABIIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

BRASILUROPODIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

CILLIBIDAE Trägårdh, 1944..... **Recent**

no fossil record

CLAUSIADINYCHIDAE Hirschmann, 1979..... **Recent**

no fossil record

CIRCOCYLLIBAMIDAE Sellnick, 1926 ..... **Recent**

no fossil record

CYLLIBULIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

DERAIOPHORIDAE Trägårdh, 1952 ..... **Recent**

no fossil record

DINYCHIDAE Berlese, 1916 ..... **Recent**

no fossil record

DISCOURELLIDAE Baker & Wharton, 1952 ..... **Recent**

no fossil record

EUTRACHYTIDAE Trägårdh, 1944..... **Recent**

no fossil record

HUTUFEIDERIIDAE Hirschmann, 1979..... **Recent**

no fossil record

KASZABJBALOGHIIDAE Hirschmann, 1979..... **Recent**

no fossil record

MACRODINYCHIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

METAGYNURIDAE Balogh, 1943 ..... **Recent**

no fossil record

NENTERIIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

OPLITIDAE Johnston, 1968 ..... **Recent**

no fossil record

PHYMATODISCIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

PRODINYCHIDAE Berlese, 1917 ..... **Recent**

no fossil record

ROTUNDABALOGHIIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

TERASEJASPIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

TREMATURIDAE Berlese, 1917 ..... **?Palaeogene – Recent**

= TREMATURELLIDAE Trägårdh, 1944

?Trematuridae *in* Lyubarsky & Perkovsky (2012) ..... Pa Rovno amber

***Trichouropoda* Berlese, 1916** ..... **?Palaeogene – Recent**

?*Trichouropoda* sp. [as *Oodinychus* sp.] *in* Ramsay (1960) ..... Qt New Zealand

TRICHOCYLLIBIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

TRICHOUROPODELLIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

TRIGONUROPODIDAE Hirschmann *in* Wisniewski, 1979 ..... **Recent**

no fossil record

UROACTINIIDAE Hirschmann & Zirngiebl-Nicol, 1964 ..... **Recent**

no fossil record

URODIASPIDIDAE Trägårdh, 1944 ..... **Recent**

no fossil record

URODINYCHIDAE Berlese, 1917 ..... **Palaeogene – Recent**

***Uroobovella* Berlese, 1903** ..... **?Palaeogene – Recent**

?*Uroobovella* sp. *in* Dunlop *et al*. (2013) ..... Pa Baltic amber

UROPODIDAE Kramer, 1881 ..... **Recent**

no fossil record

TRACHYUROPODOIDEA Berlese, 1917 ..... **Recent**

TRACHYUROPODIDAE Berlese, 1917 ..... **Recent**

no fossil record

DIARTHROPHALLIAE Trägårdh, 1946 (subcohort) ..... **Recent**

DIARTHROPHALLOIDEA Trägårdh, 1946 ..... **Recent**

DIARTHROPHALLIDAE Trägårdh, 1946 ..... **Recent**

no fossil record

HETEROZERCONINA author, date? (cohort) ..... **Recent**

HETEROZERCONOIDEA Berlese, 1892 ..... **Recent**

DISCOZERCONIDAE Berlese, 1910 ..... **Recent**

no fossil record

HETEROZERCONIDAE Berlese, 1892 ..... **Recent**

no fossil record

GAMASINA Kramer, 1881 (cohort) ..... **Palaeogene – Recent**

Gamasina indet *in* Perkovsky *et al*. (2007) ..... Pa Rovno amber

EPICRIIAE Vitzthum, 1938 (subcohort) ..... **Neogene – Recent**

EPICRIOIDEA Berlese, 1885 ..... **Recent**

EPICRIIDAE Berlese, 1885 ..... **Recent**

no fossil record

ZERCONOIDEA Berlese, 1892 ..... **Neogene – Recent**

COPROZERCONIDAE Moraza & Lindquist, 1999 ..... **Recent**

no fossil record

ZERCONIDAE Berlese, 1892 ..... **Neogene – Recent**

† ***Paleozercon* Błaszak, Cokendolpher & Polyak, 1995** ..... **Neogene**

14. *Paleozercon cavernicolus* Błaszak, Cokendolpher & Polyak, 1995 ..... Ne New Mexico

ARCTACARIAE Johnston, 1982 (subcohort) ..... **Recent**

ARCTACAROIDEA Evans, 1955 ..... **Recent**

ARCTACARIDAE Evans, 1955 ..... **Recent**

no fossil record

PARASITIAE Reuter, 1909 (subcohort) ..... **Palaeogene – Recent**

PARASITOIDEA Oudemans, 1901 ..... **Palaeogene – Recent**

PARASITIDAE Oudemans, 1901 ..... **Palaeogene – Recent**

?Parasitidae indet. *in* Dunlop & Falkenhagen (2014) ..... Qt Germany

***Aclerogamasus* Athias, 1971** ..... **Palaeogene – Recent**

15. *Aclerogamasus stenocornis* Witaliński, 2000 ..... Pa Baltic amber

DERMANYSSIAE Evans & Till, 1997 (subcohort) ..... **Palaeogene – Recent**

VEIGAIOIDEA Oudemans, 1939 ..... **Recent**

VEIGAIIDAE Oudemans, 1939 ..... **Recent**

= GAMASOLAELAPTIDAE Oudemans, 1939

no fossil record

RHODACAROIDEA Oudemans, 1902 ..... **Palaeogene – Recent**

DIGAMASELLIDAE Evans, 1954 ...[or 57?]..... **Palaeogene – Recent**

Digamasellidae sp. *in* Perkovsky *et al*. (2007)..... ..... Pa Rovno amber

***Dendrolaelaps* Halbert, 1915** ..... **Neogene – Recent**

16. *Dendrolaelaps fossilis* Hirschman, 1971 ..... Ne Chiapas amber

EURYPARASITIDAE d'Antony, 1987 ..... **Recent**

no fossil record

GAMASIPHIDAE author, date? ..... **Recent**

no fossil record

LAELAPTONYSSIDAE Womersley, 1956 ..... **Recent**

no fossil record

OLOGAMASIDAE Ryke, 1962 ..... **Recent**

no fossil record

PANTENIPHIDIDAE d'Antony, 1987 ..... **Recent**

no fossil record

RHODACARIDAE Oudemans, 1902 ..... **Recent**

no fossil record

TERANYSSIDAE Halliday, 2006 ..... **Recent**

no fossil record

EVIPHIDOIDEA Berlese, 1913 ..... **Quaternary–Recent**

EVIPHIDIDAE Berlese, 1913 ..... **Recent**

no fossil record

MACROCHELIDAE Vitzthum, 1930 ..... **Quaternary–Recent**

***Macrocheles* Latreille, 1829** ..... **Quaternary–Recent**

Macrocheles sp. *in* Ramsay (1960) ..... Qt New Zealand

MEGALOLAELAPIDAE author, date? ..... **Recent**

no fossil record

PACHYLAELAPIDAE Berlese, 1913 ..... **Recent**

= NEOPARASITIDAE Oudemans, 1939

= BULBOGAMASIDAE Gu, Wang & Duan, 1991

no fossil record

PARHOLASPIDIDAE Evans, 1956 ..... **Recent**

no fossil record

ASCOIDEA Oudemans, 1905 ..... **Palaeogene – Recent**

AMEROSEIIDAE Evans *in* Hughs, 1961 ..... **Recent**

no fossil record

ASCIDAE Voigts & Oudemans, 1905 ..... **?Palaeogene – Recent**

?Ascidae sp. *in* Dunlop *et al*. (2013) ..... Pa Baltic amber

HALOLAELAPIDAE Karg, 1965 ..... **Recent**

no fossil record

MELICHARIDAE Hirschmann, 1962 ..... **Recent**

no fossil record

PODOCINIDAE Berlese, 1913 ..... **Quarternary – Recent**

Podocinidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

PHYTOSEIOIDEA Berlese, 1916 ..... **Recent**

BLATTISCOIIDAE Garman, 1948 ..... **Recent**

no fossil record

OTOPHEIDOMENIDAE Treat, 1955 ..... **Recent**

no fossil record

PHYTOSEIIDAE Berlese, 1916 ..... **Recent**

no fossil record

DERMANYSSOIDEA Kolenati, 1859 ..... **Palaeogene – Recent**

DASYPONYSSIDAE Fonseca, 1940 ..... **Recent**

no fossil record

DERMANYSSIDAE Kolenati, 1859 ..... **Recent**

no fossil record

ENTONYSSIDAE Ewing, 1922 ..... **Recent**

no fossil record

HAEMOGAMASIDAE Oudemans, 1939 ..... **Recent**

no fossil record

HALARACHNIDAE Oudemans, 1906 ..... **Recent**

no fossil record

HIRSTIONYSSIDAE Evans & Till, 1966 ..... **Recent**

no fossil record

HYSTRICHONYSSIDAE Keegan, Yunker & Baker, 1960 ..... **Recent**

no fossil record

IPHIOPSIDIDAE Kramer, 1886 ..... **Recent**

no fossil record

IXODORHYNCHIDAE Ewing, 1923 ..... **Recent**

no fossil record

LAELAPIDAE Berlese, 1892 ..... **Palaeogene – Recent**

***Myrmozercon* Berlese, 1902** ..... **Palaeogene – Recent**

Myrmozercon sp. *in* Dunlop *et al*. (2014) ..... Pa Baltic amber

LARVAMIMIDAE Elzinga, 1993 ..... **Recent**

no fossil record

LEPTOLAELAPIDAE Karg, 1978 ..... **Recent**

no fossil record

MACRONYSSIDAE Oudemans , 1936 ..... **Recent**

no fossil record

MANITHERIONYSSIDAE Radovsky & Yunker, 1971 ..... **Recent**

no fossil record

OMENTOLAELAPTIDAE Fain, 1961 ..... **Recent**

no fossil record

PNEUMOPHIONYSSIDAE Fonseca, 1940 ..... **Recent**

no fossil record

RAILLIETIIDAE Vitzthum, 1942 ..... **Recent**

no fossil record

RHINONYSSIDAE Trouessart, 1895 ..... **Recent**

no fossil record

SPELAEORHYNCHIDAE Oudemans, 1902 ..... **Recent**

no fossil record

SPINTURNICIDAE Oudemans, 1902 ..... **Recent**

no fossil record

TRICHOASPIDIDAE Gu, Wang & Li, 1991 ..... **Recent**

no fossil record

VARROIDAE Delfinado & Baker, 1974 ..... **Recent**

no fossil record

nomum dubium

1. *Ixodes tertiarius* Scudder, 1885 ..... Pa Wyoming

c. 12,500 Recent species

ACARIFORMES

306 currently valid species of fossil acariform mite

- higher systematics and sequence of taxa follows the third edition of *A Manual of Acarology* (Krantz & Walter, eds, 2009), except that their orders are listed here as suborders, and suborders as infraorders to achieve some degree of consistency with other arachnid higher taxa throughout this list
- a putative Ordovician mite assigned to the derived Brachypylina group of the oribatids remains controversial and is not formally listed below

ACARIFORMES Zachvatkin, 1952 ..... **Devonian – Recent**

= ACTINOTRICHIDA author, date?

TROMBIDIFORMES Reuter, 1909 (suborder) ..... **Devonian – Recent**

SPHAEROLICHIDA OConnor, 1984 (infraorder) ..... **Recent**

LORDALYCOIDEA Grandjean, 1939 ..... **Recent**

LORDALYCHIDAE Grandjean, 1939 ..... **Recent**

= HYBALICIDAE Theron, 1974

no fossil record

SPHAEROLICHOIDEA Berlese, 1913 ..... **Recent**

SPHAEROLICHIDAE Berlese, 1913 ..... **Recent**

no fossil record

PROSTIGMATA Kramer, 1877 (infraorder) ..... **Devonian – Recent**

LABIDOSTOMMATIDES Lindquist, Krantz & Walter, 2009 (s.cohort) ..**Palaeogene – Recent**

LABIDOSTOMMATOIDEA Oudemans, 1906 ..... **Palaeogene – Recent**

LABIDOSTOMMATIDAE Oudemans, 1906 ..... **Palaeogene – Recent**

= NICOLETIELLIDAE Canestrini, 1891

Labidostomatidae sp. *in* Sidorchuk & Bertrand (2013) ..... Pa Rovno amber

Labidostomatidae sp. *in* Sidorchuk & Bertrand (2013) ..... Pa Bitterfeld amber

***Labidostomma* Kramer, 1879** ..... **Palaeogene – Recent**

1. *Labidostomma* (*Nicoletiella*) *paleoluteum* Dunlop & Bertrand, 2011 ..... Pa Baltic amber
2. *Labidostomma* (*Pseudocornutella*) *electri* Sidorchuk & Bertrand, 2013 .. Pa Baltic amber

***Sellnickiella* Feider & Vasiliu, 1969** ..... **Palaeogene – Recent**

3. *Sellnickiella balticae* Sidorchuk & Bertrand, 2013 ..... Pa Baltic amber

EUPODIDES Krantz, 1978 (supercohort) ..... **Devonian – Recent**

BDELLOIDEA Dugès, 1834 ..... **Cretaceous – Recent**

BDELLIDAE Dugès, 1834 ..... **Cretaceous – Recent**

Bdellidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

Bdella **Latreille, 1795** ..... **Cretaceous – Recent**

4. *Bdella bicincta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
5. *Bdella bombycina* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
6. *Bdella obconica* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
7. *Bdella vetusta* Ewing, 1937 ..... K Manitobian amber

Bdellodes **Oudemans, 1937** ..... **Palaeogene – Recent**

8. *Bdellodes lata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

CUNAXIDAE Thor, 1902 ..... **Recent**

no fossil record

HALACAROIDEA Murray, 1877 ..... **Recent**

HALACARIDAE Murray, 1877 ..... **Recent**

no fossil record

PEZIDAE Harvey, 1990 ..... **Recent**

no fossil record

EUPODOIDEA C. L. Koch, 1842 ..... **Palaeogene – Recent**

COCCEUPODIDAE Jesionowska, 2010 ..... **Recent**

no fossil record

DENDOCHAETIDAE Oliver, 2008 ..... **Recent**

no fossil record

EUPODIDAE C. L. Koch, 1842 ..... **Recent**

no fossil record

ERIORHYNCHIDAE Qin & Halliday, 1997 ..... **Recent**

no fossil record

PENTAPALPIDAE Oliver & Theron, 2000 ..... **Recent**

no fossil record

PENTHALEIDAE Oudemans, 1931 ..... **Recent**

no fossil record

PENTHALODIDAE Thor, 1933 ..... **Palaogene – Recent**

Penthalodes **Murray, 1877** ..... **Palaeogene – Recent**

9. *Penthalodes tristiculus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

PROTERORHAGIIDAE Lindquist & Palacios-Vargas, 1991 ..... **Recent**

no fossil record

RHAGIDIIDAE Oudemans, 1922 ..... **Paleogene – Recent**

Rhagidiidae indet. *in* Judson & Wunderlich (2003) ..... Pa Baltic amber

***Poecilophysis* O. P.-Cambridge, 1876** ..... **Paleogene – Recent**

?*Poecilophysis* sp. *in* Judson & Wunderlich (2003) ..... Pa Baltic amber

† ***Zachardia* Judson & Wunderlich, 2003** ..... **Paleogene**

10. *Zachardia flexipes* Judson & Wunderlich, 2003 ..... Pa Baltic amber

STRANDTMANNIIDAE Zacharda, 1979 ..... **Recent**

no fossil record

TYDEOIDEA Kramer, 1877 ..... **Devonian – Recent**

EREYNETIDAE Oudemans, 1931 ..... **Recent**

= MICROEREUNETIDAE Bottazzi, 1950

no fossil record

IOLINIDAE Pritchard, 1956 ..... **Recent**

no fossil record

TRIOPHTYDEIDAE Andrè, 1980 ..... **Recent**

= MEYERELLIDAE André, 1979

no fossil record

TYDEIDAE Kramer, 1877 ..... **Devonian – Recent**

† ***Palaeotydeus* Dubinin, 1962** ..... **Devonian – Recent**

11. *Palaeotydeus devonicus* Dubinin, 1962 ..... D Rhynie chert

† ***Parapotacarus* Dubinin, 1962** ..... **Devonian – Recent**

12. *Paraprotacarus hirsti* Dubinin, 1962 ..... D Rhynie chert

TETRAPODILI *sensu* Oudemans, 1923 ..... **Triassic – Recent**

TRIASACAROIDEA Lindquist & Sidorchuk *in* Sidorchuk *et al*., 2014 ..... **Triassic**

TRIASACARIDAE Lindquist & Sidorchuk *in* Sidorchuk *et al*., 2014 ..... **Triassic**

† ***Ampezzoa* Linquist & Grimaldi *in* Schmidt *et al*., 2012,** ..... **Triassic**

13. *Ampezzoa triassica* Lindquist & Grimaldi *in* Schmidt *et al*., 2012* ..... Tr Italian amber

† ***Cheirolepidoptus* Sidorchuk & Lindquist *in* Sidorchuk *et al*. 2014** ..... **Triassic**

14. *Cheirolepidoptus dolomiticus* Sidorchuk & Lindquist *in* Sidorchuk *et al*., 2014* ..... Tr Italian amber

† ***Minyacarus* Sidorchuk & Lindquist *in* Sidorchuk *et al*., 2014** ..... **Triassic**

15. *Minyacarus aderces* Sidorchuk & Lindquist *in* Sidorchuk *et al*., 2014* ... Tr Italian amber

† ***Triasacarus* Linquist & Grimaldi *in* Schmidt *et al*., 2012,** ..... **Triassic – Recent**

16. *Triasacarus fedelei* Lindquist & Grimaldi *in* Schmidt *et al*., 2012*.....Tr Italian amber

ERIOPHYOIDEA Nalepa, 1898 ..... **?Palaeogene – Recent**

DIPTILOMIOPIDAE Keifer, 1944 ..... **Recent**

no fossil record

ERIOPHYIDAE Nalepa, 1898 ..... **?Palaeogene – Recent**

***Aculops* Keifer, 1966** ..... **? Palaeogene – Recent**

17. *Aculops keiferi* Southcott & Lange, 1971 .....?Pa Australia

PHYTOPTIDAE Murray, 1877..... **Neogene – Recent**

= NALEPELLIDAE Roivainen, 1953

no fossil record

ANYSTIDES van der Hammen, 1972 (supercohort) ..... **Cretaceous – Recent**

ANYSTINA van der Hammen, 1972 (cohort) ..... **Cretaceous – Recent**

CAECULOIDEA Berlese, 1883 ..... **Paleogene – Recent**

CAECULIDAE Berlese, 1883 ..... **Paleogene – Recent**

***Procaeculus* Jacot, 1936** ..... **Paleogene – Recent**

18. *Procaeculus dominicensis* Coineau & Poinar, 2001 ..... Ne Dominican amber

19. *Procaeculus eridanosae* Coineau & Magowski, 1994 ..... Pa Baltic amber

ADAMYSTOIDEA Cunliffe, 1957 ..... **Recent**

ADAMYSTIDAE Cunliffe, 1957 ..... **Recent**

= SAXIDROMIDAE Coineau, 1974

no fossil record

ANYSTOIDEA Oudemans, 1902..... **Cretaceous – Recent**

ANYSTIDAE Oudemans, 1902 ..... **Cretaceous – Recent**

Anystidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

***Anystis* von Heyden, 1826** ..... **Cretaceous – Recent**

20. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

21. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

22. *Anystis venustula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Mesoanystis* Zacharda *in* Zacharda & Krivoluckij, 1985**..... **Cretaceous**

23. *Mesoanystis taymirensis* Zacharda *in* Zacharda & Krivoluckij, 1985*..... K Siberian amber

† ***Palaeoerythracarus* Zacharda *in* Zacharda & Krivoluckij, 1985**..... **Palaeogene**

24. *Palaeoerythracarus sachalinensis* Zacharda *in* Zacharda & Krivoluckij, 1985*..... Pa Sachalin amber

PSEUDOCHEYLIDAE Oudemans, 1909..... **Recent**

= STIGMOCHEYLIDAE Kethley, 1990

no fossil record

TENERIFFIIDAE Thor, 1911*b* ..... **Paleogene – Recent**

Teneriffiidae sp. indet *in* Sayre *et al*. (1992) ..... Pa Baltic amber

PARATYDEOIDEA Baker, 1949 ..... **Recent**

PARATYDEIDAE Baker, 1949 ..... **Recent**

no fossil record

STIGMOCHEYLIDAE Kethley, 1990 ..... **Recent**

no fossil record

POMERANTZIOIDEA Baker, 1949 ..... **Recent**

POMERANTZIIDAE Baker, 1949 ..... **Recent**

no fossil record

PARASITENGONA Oudemans, 1909 (cohort) ..... **Cretaceous – Recent**

ERYTHRAIAE author, date? (subcohort) ..... **Cretaceous – Recent**

CALYPTOSTOMATOIDEA Oudemans, 1923 ..... **Recent**

CALYPTOSTOMATIDAE Oudemans, 1923 ..... **Recent**

no fossil record

ERYTHRAEOIDEA Grandjean, 1947*a* ..... **Cretaceous – Recent**

larval Erythraeoidea *in* Zacharda & Krivoluckij (1985) ..... K Siberian amber

ERYTHRAEIDAE Robineau-Desvoidy, 1828 ..... **Cretaceous – Recent**

= LEPTIDAE Billberg, 1820

= BALUSTIIDAE Grandjean, 1947

= † PROTERYTHRAEIDAE Vercammen-Grandjean, 1973

Erythraeidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

Erythraeidae indet *in* Ross et al (2010) ..... K Burmese amber

† ***Arytaena*** **Menge, 1854 *in* C. L. Koch & Berendt, 1854** ..... **Paleogene**

25. *Arytaena troguloides* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Balaustium **von Heyden, 1826** ..... **Paleogene – Recent**

26. *Balaustium illustris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Erythraeus **Latrielle, 1806** ..... **Paleogene – Recent**

27. *Erythraeus bifrons* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
28. *Erythraeus foveolatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
29. *Erythraeus hirsutus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Erythraeus lagopus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
31. *Erythraeus longipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
32. *Erythraeus proavus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
33. *Erythraeus procerus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

34. *Erythraeus raripilus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
35. *Erythraeus rostratus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
36. *Erythraeus saccatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Leptus* Latrielle, 1796** ..... **Paleogene – Recent**

37. *Leptus incertus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Pararainbowia* Dunlop, 2007** ..... **Cretaceous**

38. *Pararainbowia martilli* Dunlop, 2007* ..... K Crato Formation

† ***Proterythraeus* Vercammen-Grandjean, 1973** ..... **Cretaceous**

39. *Proterythraeus southcotti* Vercammen-Grandjean, 1973* ..... K Manitoba amber

SMARIDIDAE Vitzthum, 1929 ..... **Paleogene – Recent**

Smarididae indet *in* Penney (2010) ..... Ne Dominican amber
Smarididae indet *in* Perkovsky *et al*. (2010) ..... Pa Dominican amber

***Fessonia* von Heyden, 1826** ..... **Paleogene – Recent**

40. *Fessonia grabenhorsti* Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015 ..... Pa Baltic amber
41. *Fessonia groehni* Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015 ..... Pa Baltic amber
42. *Fessonia wunderlichi* Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015 ..... Pa Baltic amber

TROMBIDIAE author, date? (subcohort) ..... **Creteaceous – Recent**

trombidiid mites?

43. *Megameropsis aquensis* Gourret, 1887 ..... Pa Aix-en-Provence
44. *Pseudopachygnathus maculatus* Gourret, 1887 ..... Pa Aix-en-Provence

AMPHOTROMBIOIDEA Zhang, 1998 ..... **Recent**

AMPHOTROMBIIDAE, Zhang, 1998 ..... **Recent**

no fossil record

ALLOTANAUPODOIDAE Zhang & Fan, 2007 ..... **Recent**

ALLOTANAUPODIDAE Zhang & Fan, 2007 ..... **Recent**

no fossil record

TANAUPODOIDEA Thor, 1935 ..... **Creteaceous – Recent**

TANAUPODIDAE Thor, 1935 ..... **Creteaceous – Recent**

= ?AMPHOTROMBIIDAE Zhang, 1998
= TANAUPODASTRIDAE Feider, 1959

† ***Atanaupodus* Judson & Mąkol, 2009** ..... **Cretaceous**

45. *Atanaupodus bakeri* Judson & Mąkol, 2009 ..... K Archingeay amber

CHYZERIOIDEA Womersley, 1954 ..... **Recent**

CHYZERIIDAE Womersley, 1954 ..... **Recent**

no fossil record

TROMBIDIOIDEA Leach, 1815 ..... **Paleogene – Recent**

ACHAEMENOTHROMBIIDAE Saboori, Wohltmann & Hakimitabar, 2010 ..... **Recent**

no fossil record

EUTROMBIDIIDAE Thor, 1935 ..... **Recent**

no fossil record

MICROTROMBIDIIDAE Thor, 1935 ..... **Recent**

no fossil record

NEOTHROMBIIDAE Feider, 1955 ..... **Recent**

no fossil record

TROMBIDIIDAE Leach, 1815 ..... **Paleogene – Recent**

= PARATHROMBIIDAE Feider, 1959

***Allothrombium* Berlese, 1903** ..... **Paleogene – Recent**

46. *Allothrombium clavipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Paratrombium* Bruyant, 1910** ..... **Paleogene – Recent**

47. *Paratrombium rovniense* Konikiewicz & Mąkol, 2014 ..... Pa Rovno amber

***Trombidium* Fabricius, 1775** ..... **Paleogene – Recent**

48. *Trombidium crassipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

49. *Trombidium granulatum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

50. *Trombidium heterotrichum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

51. *Trombidium scrobiculatum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

NB: the next two families may be synonyms

WALCHIIDAE Ewing, 1946 ..... **Recent**

no fossil record

TROMBICULOIDEA Ewing, 1929 ..... **Recent**

AUDYANIDAE Southcott, 1987 ..... **Recent**

no fossil record

JOHNSTONIANIDAE Thor, 1935 ..... **Recent**

= NOTOTHROMBIIDAE Feider, 1959

no fossil record

NEOTROMBIDIIDAE Feider, 1959 ..... **Recent**

no fossil record

LEEUWENHOEKIIDAE Womersley, 1944 …… **Recent**

no fossil record

TROMBELLIDAE Leach, 1815 …… **Recent**

no fossil record

TROMBICULIDAE Ewing, 1929 …… **Recent**

= VATACARIDAE Southcott, 1957

no fossil record

YUREBILLOIDEA Southcott, 1966 …… **Recent**

YUREBILLIDAE Southcott, 1996 …… **Recent**

no fossil record

HYDRACARNIDIAE van der Hoeven, 1849 (subcohort) …… **Neogene – Recent**

= HYDRACHNIDIA author, date?

= HYDRACHNELLAE author, date?

Undetermined water mites

Hygrobatoidea, Arrenuroidea or Lebertiodea *in* Poinar (1985) ……Ne Dominican amber

HYDRYPHANTOIDEA Piersig, 1896 …… **Recent**

CTENOTHYADIDAE Lundblad, 1936 …… **Recent**

no fossil record

EUPATRELLIDAE Viets, 1935 …… **Recent**

no fossil record

HYDRODROMIDAE Viets, 1936 …… **Recent**

= DIPLODONTIDAE Lundblad, 1927

no fossil record

HYDRYPHANTIDAE Piersig, 1896 …… **Recent**

= PROTZIIDAE Viets, 1926

no fossil record

MALGASACARIDAE Tuzovskij, Gerecke & Goldschmidt, 2007 …… **Recent**

no fossil record

RHYNCHOHYDRACARIDAE Lundblad, 1936 …… **Recent**

= CHATHROSPERCHONIDAE Lundblad, 1936

no fossil record

TERATOTHYADIDAE Viets, 1929 ..... **Recent**

no fossil record

THERMACARIDAE Sokolow, 1927 ..... **Recent**

no fossil record

ZELANDOTHYADIDAE Cook, 1983 ..... **Recent**

no fossil record

EYLAOIDEA Leach, 1815 ..... **Recent**

APHEVIDERULICIDAE Gerecke, Smith & Cook, 1999 ..... **Recent**

no fossil record

EYLAIDAE Leach, 1815 ..... **Recent**

no fossil record

LIMNOCHARIDAE Grube, 1859 ..... **Recent**

no fossil record

PIERSIGIIDAE Oudemans, 1902 ..... **Recent**

no fossil record

HYDROVOLZIOIDEA Thor, 1905 ..... **Recent**

ACHERONTACARIDAE Cook, 1967 ..... **Recent**

no fossil record

HYDROVOLZIIDAE Thor, 1905 ..... **Recent**

= POLYXOHALACARIDAE Motas, 1972

no fossil record

HYDRACHNOIDEA Leach, 1815 ..... **Recent**

HYDRACHNIDAE Leach, 1815 ..... **Recent**

no fossil record

LEBERTOIDEA Thor, 1900 ..... **Recent**

ACUCAPITIDAE Wiles, 1996 ..... **Recent**

no fossil record

ANISITSIELLIDAE Koenicke, 1910 ..... **Recent**

= MAMERSOPSIDAE Viets, 1914

no fossil record

BANDAKIOPSIDAE Panesar, 2004 ..... **Recent**

no fossil record

LEBERTIIDAE Thor, 1900 ..... **Recent**

no fossil record

NILOTONIIDAE Viets, 1929 ..... **Recent**

no fossil record

OXIDAE Viets, 1926 ..... **Recent**

no fossil record

RUTRIPALPIDAE Solokow, 1834 ..... **Recent**

no fossil record

SPERCHONTIDAE Thor, 1900 ..... **Recent**

no fossil record

STYGOTONIIDAE Cook, 1992 ..... **Recent**

no fossil record

TEUTONIDAE Koenike, 1910 ..... **Recent**

no fossil record

TORRENTICOLIDAE Piersig, 1902 ..... **Recent**

= ATRACTIDEIDAE Thor, 1902

no fossil record

HYGROBATOIDEA C. L. Koch, 1842 ..... **Recent**

ASTACOCROTONIDAE Thor, 1927 ..... **Recent**

no fossil record

ATURIDAE Thor, 1900 ..... **Recent**

= BRADYPODIDAE Thor, 1900 [preoccupied]

= AXONOPSIDAE Viets, 1929

= LJANIIDAE Thor, 1929

no fossil record

FELTRIIDAE Viets, 1926 ..... **Recent**

no fossil record

FERRADASIIDAE Cook, 1980 ..... **Recent**

no fossil record

FRONTIPODOPSIDAE Viets, 1931 ..... **Recent**

no fossil record

HYGROBATIDAE C. L. Koch, 1842*b* ..... **Recent**

no fossil record

LETHAXONIDAE Cook, Smith & Harvey, 2000 ..... **Recent**

no fossil record

LIMNESIIDAE Thor, 1900 ..... **Recent**

= NEOTORRENTICOLIDAE Lundblad, 1936

= EPALLAGOPODIDAE Viets, 1953

no fossil record

OMARTACARIDAE Cook, 1963 ..... **Recent**

no fossil record

PIONIDAE Thor, 1900 ..... **Recent**

= CURVIPEDIDAE Thor, 1900

= ACERCIDAE Thor, 1909

= FORELIIDAE Thor, 1923

= NAUTARACHNIDAE Walter, 1925

= HYDROCHOREUTIDAE Viets, 1942

no fossil record

PONTARACHNIDAE Koenicke, 1910 ..... **Recent**

no fossil record

UNIONICOLIDAE Oudemans, 1909 ..... **Recent**

= ATRACIDAE Thor, 1900

= NEUMANIIDAE Thor, 1923

no fossil record

WETTINIDAE Cook, 1956 ..... **Recent**

no fossil record

ARRENUROIDEA Thor, 1900 ..... **Neogene – Recent**

Family uncertain

† ***Protoarrenurus* Cook *in* Palmer, 1957** ..... **Neogene – Recent**

52. *Protoarrenurus convergens* Cook *in* Palmer, 1957* ..... Ne Mojave Desert

ACALYPTONOTIDAE Walter, 1911 ..... **Recent**

no fossil record

AMOENACARIDAE Smith & Cook, 1997 ..... **Recent**

no fossil record

ARENOHYDRACARIDAE Cook, 1974 ..... **Recent**

no fossil record

ARRENURIDAE Thor, 1900 ..... **Recent**

no fossil record

ATHIENEMANNIIDAE Viets, 1922 ..... **Recent**

= CHELOMIDEOPSIDAE Lundblad, 1962

no fossil record

BOGATIIDAE Motas & Tanasachi, 1938 ..... **Recent**

no fossil record

CHAPPUISIDIDAE Motas & Tanasachi, 1946 ..... **Recent**

no fossil record

GRETACARIDAE Viets, 1978 ..... **Recent**

no fossil record

HARPAGOPALPIDAE Viets, 1924 ..... **Recent**

no fossil record

HUNGAROHYDRACACARIDAE Motas & Tanasachi, 1959 ..... **Recent**

no fossil record

KANTACARIDAE Imamura, 1959 ..... **Recent**

no fossil record

KRENDOWSKIIDAE Viets, 1926 ..... **Recent**

no fossil record

LAVERSIIDAE Cook, 1955 ..... **Recent**

no fossil record

MIDEIDAE Thor, 1911a ..... **Recent**

no fossil record

MIDEOPSIDAE Koenicke, 1910 ..... **Recent**

no fossil record

MOMONIIDAE Viets, 1926 ..... **Recent**

= STYGOMOMONIDAE Szalay, 1943

no fossil record

NEOACARIDAE Motas & Tanasachi, 1947 ..... **Recent**

no fossil record

NIPPONACARIDAE Imamura, 1959 ..... **Recent**

no fossil record

NUDOMIDEOPSIDAE Smith, 1990 ..... **Recent**

no fossil record

UCHIDASTYGACARIDAE Imamura, 1956 ..... **Recent**

no fossil record

STYGOTHROMBIAE Thor, 1935 (subcohort) ..... **Recent**

STYGOTHROMBOIDEA Thor, 1935 ..... **Recent**

STYGOTHROMBIIDAE Thor, 1935 ..... **Recent**

ELEUTHERENGONIDES Oudemans, 1909 (supercohort) ..... **Cretaceous – Recent**

RAPHIGNATHINA Kethley, 1982 (cohort) ..... **Cretaceous – Recent**

MYOBIOIDEA Mégnin, 1877 ..... **Recent**

MYOBIIDAE Mégnin, 1877 ..... **Recent**

no fossil record

PTERYGOSOMATOIDEA Oudemans, 1910 ..... **Recent**

PTERYGOSOMATIDAE Oudemans, 1910 ..... **Recent**

no fossil record

RAPHIGNATHOIDEA Kramer, 1877 ..... **Paleogene – Recent**

BARBUTIIDAE Robaux, 1975 ..... **Recent**

no fossil record

CALIGONELLIDAE Grandjean, 1944 ..... **Recent**

no fossil record

CAMEROBIIDAE Southcott, 1957a ..... **Paleogene – Recent**

***Neophyllobius* Berlese, 1886** ..... **Paleogene – Recent**

53. *Neophyllobius succineus* Bolland & Magowski, 1990 ..... Pa Baltic amber

CRYPTOGNATHIDAE Oudemans, 1902 ..... **Paleogene – Recent**

no fossil record

DASYTHYREIDAE Walter & Gerson, 1998 ..... **Recent**

no fossil record

EUPALOPSELLIDAE Willmann, 1952 ..... **Recent**

no fossil record

HOMOCALIGIDAE Wood, 1969 ..... **Recent**

no fossil record

MECOGNATHIDAE Gerson & Walter, 1998 ..... **Recent**

no fossil record

RAPHIGNATHIDAE Kramer, 1877 ..... **Recent**

no fossil record

STIGMAEIDAE Oudemans, 1931 ..... **Paleogene – Recent**

***Mediolata* Canestrini, 1890** ..... **Paleogene – Recent**

54. *Mediolata eocenia* Kuznetsov, Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

XENOCALIGONELLIDIDAE Gonzalez, 1978 ..... **Recent**

no fossil record

TETRANYCHOIDEA Donnadieu, 1876 ..... **Palaeogene – Recent**

ALLOCHAETOPHORIDAE Reck, 1959 ..... **Recent**

no fossil record

LINOTETRANIDAE Baker & Pritchard, 1953 ..... **Recent**

no fossil record

TENUIPALPIDAE Berlese, 1913 ..... **Recent**

no fossil record

TETRANYCHIDAE Donnadieu, 1876 ..... **Palaeogene – Recent**

= BRYOBIIDAE Berlese, date?

***Metatetranychus* Oudemans, 1931** ..... **Palaeogene – Recent**

55. *Metatetranychus gibbus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Schizotetranychus* Trägårdh, 1915** ..... **Palaeogene – Recent**

56. *Schizotetranychus brevipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

TUCKERELLIDAE Baker & Pritchard, 1953 ..... **Recent**

no fossil record

CHEYLETOIDEA Leach, 1815 ..... **Cretaceous – Recent**

CHEYLETIDAE Leach, 1815 ..... **Cretaceous – Recent**

Chelytidae sp. indet *in* Bradley (1931) ..... Pa Green River

***Cheyletus* Latreille, 1796** ..... **Cretaceous – Recent**

57. *Cheyletus burmiticus* Cockerell, 1917*b* ..... K Burmese amber

58. *Cheyletus portentosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

DEMODECIDAE Nicolet, 1855 ..... **Recent**

no fossil record

HARPIRHYNCHIDAE Dubinin, 1957 ..... **Recent**

no fossil record

OPHIOPTIDAE Southcott, 1956 ..... **Recent**

no fossil record

PSORERGATIDAE Dubinin *in* Bregatova *et al*., 1955 ..... **Recent**

no fossil record

SYRINGOPHILIDAE Laviopierre, 1953 ..... **Recent**

no fossil record

HETEROSTIGMATINA Berlese, 1899 (cohort) ..... **Cretaceous – Recent**

TARSOCHEYLOIDEA Atyeo & Baker, 1964 ..... **Recent**

TARSOCHEYLIDAE Atyeo & Baker, 1964 ..... **Recent**

no fossil record

HETEROCHEYLOIDEA Trägårdh, 1950 ..... **Recent**

HETEROCHEYLIDAE Trägårdh, 1950 ..... **Recent**

no fossil record

DOLICHOCYBOIDEA Mahunka, 1970 ..... **Recent**

CROTALOMORPHIDAE Lindquist & Kranz, 2002 ..... **Recent**

no fossil record

DOLICHOCYBIDAE Mahunka, 1970 ..... **Recent**

no fossil record

TROCHOMETRIDIOIDEA Mahunka, 1970 ..... **Recent**

ATHYREACARIDAE Lindquist Kaliszewski & Rack, 1990 ..... **Recent**

= BEMBIDIACARIDAE Khuastov, 2000

no fossil record

TROCHOMETRIDIIDAE Mahunka, 1970 ..... **Recent**

no fossil record

SCUTACAROIDEA Oudemans, 1916 ..... **Recent**

MICRODISPIDAE Cross, 1965 ..... **Recent**

no fossil record

SCUTACARIDAE Oudemans, 1916 ..... **Recent**

no fossil record

PYGEMEPHOROIDEA Cross, 1965 ..... **Palaeogene – Recent**

Pygmephoroidea sp. *in* Magowski (1995) ..... Pa Baltic amber

NEOPYGMEPHORIDAE Cross, 1965 ..... **Recent**

no fossil record

PYGMEPHORIDAE Cross, 1965 ..... **Recent**

no fossil record

SITEROPTIDAE Mahunka, 1970 ..... **Recent**

no fossil record

PYEMOTOIDEA Oudemans, 1937 ..... **Cretaceous – Recent**

ACAROPHENACIDAE Cross, 1965 ..... **Cretaceous – Recent**

† ***Protophenax*** **Magowski, 1994** ..... **Cretaceous**

59. *Protophenax kotejii* Magowski, 1994* ..... K Russian amber

CARABOACARIDAE Mahunka, 1970 ..... **Recent**

no fossil record

PYEMOTIDAE Oudemans, 1937 ..... **Recent**

= TROCHOMETRIDAE Mahunka, 1970

Pyemotes **Amerling, 1862** ..... **Palaeogene – Recent**

60. *Pyemotes primus* Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

RESINACARIDAE Mahunka, 1975 ..... **Cretaceous –Rcent**

Protoresinacaris **Khaustov & Poinar, 2010** ..... **Cretaceous**

61. *Protoresinacars brevipedis* Khaustov & Poinar, 2010* ..... K Burmese amber

TARSONEMOIDEA Canestrini & Fanzago, 1877 ..... **Quaternary – Recent**

PODAPOLIPIDAE Ewing, 1922 ..... **Recent**

no fossil record

TARSONEMIDAE Canestrini & Fanzango, 1877 ..... **Quaternary – Recent**

Tarsonemidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

Cohort *incertae sedis*

CLOACAROIDEA Camin, Moss, Oliver & Singer, 1967 ..... **Recent**

CLOACARIDAE Camin, Moss, Oliver & Singer, 1967 ..... **Recent**

no fossil record

EPIMYODICIDAE Fain, Lukoschus & Rosmalen, 1982 ..... **Recent**

no fossil record

SARCOPTIFORMES author, date? (suborder) ..... **Devonian – Recent**

ENDEOSTIGMATA author, date? (infraorder) ..... **Devonian – Recent**

= PACHYGNATHINA author, date?

ALYCINA author, date? (cohort)

ALYCOIDEA Canestrini & Fanzago, 1877 ..... **Devonian – Recent**

ALYCIDAE Canestrini & Fanzago, 1877 ..... **Devonian – Recent**

= PACHYGNATHIDAE Kramer, 1877

= BIMICHAELIIDAE Womersley, 1944

† ***Protacarus* Hirst, 1923** ..... **Devonian**

62. *Protacarus crani* Hirst, 1923* ..... D Rhynie chert

GRANDJEANICIDAE Kethley, 1977a ..... **Recent**

no fossil record

MICROPSAMMIDAE Coineau & Theorn, 1983 ..... **Recent**

no fossil record

NANORCHESTIDAE Grandjean, 1937 ..... **Devonian – Recent**

† ***Protospeleorchestes* Dubinin, 1962** ..... **Devonian – Recent**

63. *Protospeleorchestes pseudoprotacarus* Dubinin, 1962* ..... D Rhynie chert

NEMATALYCINA author, date? (cohort) ..... **Recent**

NEMATALYCOIDEA Strenke, 1954 ..... **Recent**

NEMATALYCIDAE Strenke, 1954 ..... **Recent**

no fossil record

PROTONEMATALYCIDAE Kethley, 1989 [superfamily correct?] ..... **Recent**

no fossil record

TERPNACARINA author, date? **(cohort)** ..... **Recent**

OEHSERCHESTOIDEA Kethley, 1977*a* ..... **Recent**

OEHSERCHESTIDAE Kethley, 1977*a* ..... **Recent**

no fossil record

TERPNACAROIDEA Grandjean, 1939 ..... **Recent**

TERPNACARIDAE Grandjean, 1939 ..... **Recent**

no fossil record

ALICORHAGIINA author, date? **(cohort)** ..... **Devonian – Recent**

ALICORHAGIOIDEA Grandjean, 1939 ..... **Devonian – Recent**

ALICORHAGIIDAE Grandjean, 1939 ..... **Devonian – Recent**

† ***Archaeacarus* Kethley & Norton *in* Kethley *et al*., 1989** ..... **Devonian**

64. *Archaeacarus dubinini* Kethley & Norton *in* Kethley *et al*., 1989* ..... D Gilboa

† ***Pseudoprotacarus* Dubinin, 1962** ..... **Devonian**

65. *Pseudoprotacarus scoticus* Dubinin, 1962* ..... D Rhynie chert

ORIBATIDA Dugès, 1834 (infraorder) ..... **Devonian – Recent**

= CRYPTOSTIGMATA author, date?

NB: see remarks on the Ordovician fossil above

PALAEOSOMATA Grandjean, 1969 (supercohort) ..... **Devonian–Recent**

family uncertain

† ***Marcvipeda* Pérez-DA, 1988** ..... **Palaeogene**

66. *Marcvipeda magallanes* Pérez-DA, 1988* [Acari *incertae sedis*?] ..... Pa Patagonia, Chile

ACARONYCHOIDEA Grandjean, 1932 ..... **Recent**

ACARONYCHIDAE Grandjean, 1932*b* ..... **Recent**

no fossil record

ARCHAEONOTHRIDAE Grandjean, 1932 ..... **Recent**

no fossil record

CTENACAROIDEA Grandjean, 1954*c* ..... **Devonian – Recent**

ADELPHACARIDAE Grandjean, 1954*c* ..... **Carbon. – Recent**

† ***Monoaphelacarus* Subías & Arillo, 2002** ..... **Carboniferous**

67. *Monoaphelacarus carboniferus* Subías & Arillo, 2002* ..... C County Antrim

APHELACARIDAE Grandjean, 1954*c* ..... **Recent**

no fossil record

CTENACARIDAE Grandjean, 1954*b* ..... **Devonian – Recent**

† ***Ctenacaronychus* Subías & Arillo, 2002** ..... **Devonian**

68. *Ctenacaronychus nortoni* Subías & Arillo, 2002* ..... D New York

† ***Palaeoctenacarus* Subías & Arillo, 2002** ..... **Carboniferous**

69. *Palaeoctenacarus simmsoi* Subías & Arillo, 2002* ..... C County Antrim

PALAEACAROIDEA Grandjean, 1932*b* ..... **Recent**

PALAEACARIDAE Grandjean, 1932*b* ..... **Recent**

no fossil record

ENARTHRONOTA Grandjean, 1947*b* (supercohort) ..... **Devonian – Recent**

superfamily uncertain

† **DEVONACARIDAE Norton *in* Norton *et al*., 1988** ..... **Devonian**

† ***Devonacarus* Norton *in* Norton *et al*., 1988** ..... **Devonian**

70. *Devonacarus sellnicki* Norton *in* Norton *et al*., 1988* ..... D Gilboa

† **PROTOCHTHONIIDAE Norton *in* Norton *et al*., 1988** ..... **Devonian**

† ***Protochthonius* Norton *in* Norton *et al*., 1988** ..... **Devonian**

71. *Protochthonius gilboa* Norton *in* Norton *et al*., 1988* ..... D Gilboa

BRACHYCHTHONIOIDEA Thor, 1934 ..... **Recent**

BRACHYCHTHONIIDAE Thor, 1934 ..... **Recent**

no fossil record

ATOPOCHTHONIOIDEA Grandjean, 1948 ..... **Recent**

ATOPOCHTHONIIDAE Grandjean, 1948 ..... **Recent**

no fossil record

PHYLLOCHTHONIIDAE Travé, 1967 ..... **Recent**

no fossil record

PTEROCHTHONIIDAE Grandjean, 1950 ..... **Recent**

no fossil record

HYPOCHTHONIOIDEA Berlese, 1910 ..... **Carbon. – Recent**

ENIOCHTHONIIDAE Grandjean, 1947*b* ..... **Recent**

no fossil record

HYPOCHTHONIIDAE Berlese, 1910 ..... **Carbon. – Recent**

***Hypochthonius* C. L. Koch, 1835** ..... **Quaternary – Recent**

72. *Hypochthonius rufulus* C. L. Koch, 1835 **[Recent]** ..... Qt Finland

† ***Palaeohypochthonius* Subías & Arillo, 2002** ..... **Carboniferous**

73. *Palaeohypochthonius jerami* Subías & Arillo, 2002* ..... C County Antrim

LOHMANNIIDAE Berlese, 1916 ..... **Recent**

= XENOLOHMANNIDAE Balogh & Mahunka, 1969

no fossil record

MESOPLOPHORIDAE Ewing, 1917 ..... **Recent**

= ARCHOPLOPHORIDAE Grandjean, 1965

no fossil record

PROTOPLOPHOROIDEA Ewing, 1917 ..... **Carbon. – Recent**

COSMOCHTHONIIDAE Grandjean, 1947*b* ..... **Carbon. – Recent**

† ***Carbochthonius* Subías & Arillo, 2002** ..... **Carboniferous**

74. *Carbochthonius antrimensis* Subías & Arillo, 2002* ..... C County Antrim

HAPLOCHTHONIIDAE van der Hammen, 1959 ..... **Recent**

no fossil record

PEDICULOCHELIDAE Lavoipierre, 1946 ..... **Recent**

no fossil record

PROTHOPLOPHORIDAE Ewing, 1917 ..... **Carbon. – Recent**

= APOPLOPHORIDAE Niedbała, 1984

† ***Archaeoplophora* Subías & Arillo, 2002** ..... **Carboniferous**

75. *Archaeoplophora bella* Subías & Arillo, 2002* ..... C County Antrim

SPHAEROCHTHONIIDAE Grandjean, 1947*b* ..... **Recent**

no fossil record

HETEROCHTHONOIDEA Grandjean, 1954*b* ..... **Recent**

ARBORICHTHONIIDAE Balogh & Balogh, 1992 ..... **Recent**

no fossil record

HETEROCHTHONIIDAE Grandjean, 1954*b* ..... **Recent**

no fossil record

TRICHTOCHTHONIIDAE Lee, 1982 ..... **Recent**

no fossil record

PARHYPOSOMATA Grandjean, 1969 (supercohort) ..... **Carbon. – Recent**

PARHYPOCHTHONIOIDEA Grandjean, 1932*b* ..... **Carbon. – Recent**

ELLIPTOCHTHONIIDAE Norton, 1975 ..... **Recent**

no fossil record

GEHYPOCHTHONIIDAE Strenzke, 1963 ..... **Carbon. – Recent**

† ***Gehypochthonimimus* Subías & Arillo, 2002** ..... **Carboniferous**

76. *Gehypchthonimimus hibernicus* Subías & Arillo, 2002* ..... C County Antrim

PARHYPOCHTHONIIDAE Grandjean, 1932*b* ..... **Recent**

no fossil record

MIXONOMATA Grandjean, 1969 (supercohort) ..... **Carbon. – Recent**

SUPERFAMILY UNCERTAIN

† **CARBOLOHMANNIIDAE Sidorchuk & Robin *in* Robin *et al.* (2016)** ..... **Carboniferous**

† ***Carbolohmannia* Sidorchuk & Robin *in* Robin *et al*. (2016)** ..... **Carboniferous**

77. *Carbolohmannia maimaiphilus* Sidorchuk & Robin *in* Robin *et al*. (2016)* C Xiaheyan, China

NEHYPOCHTHONOIDEA Norton & Metz, 1980 ..... **Recent**

NEHYPOCHTHONIIDAE Norton & Metz, 1980 ..... **Recent**

no fossil record

EULOHMANNOIDEA Grandjean, 1931 ..... **Recent**

EULOHMANNIIDAE Grandjean, 1931 ..... **Recent**

no fossil record

PERLOHMANNIOIDEA Grandjean, 1954*b* ..... **Recent**

PERLOHMANNIIDAE Grandjean, 1954*b* ..... **Recent**

no fossil record

EPILOHMANNIOIDEA Oudemans, 1923 ..... **Recent**

EPILOHMANNIIDAE Oudemans, 1923 ..... **Recent**

= LESSIRIIDAE Oudemans, 1916

no fossil record

COLLOHMANNIOIDEA Grandjean, 1958*a* ..... **Paleogene – Recent**

COLLOHMANNIIDAE Grandjean, 1958*a* ..... **Paleogene – Recent**

***Collohmannia* Sellnick, 1922** ..... **Paleogene – Recent**

78. *Collohmannia schusteri* Norton, 2006 ..... Pa Baltic amber

† ***Embolacarus* Sellnick, 1919** ..... **Palaeogene – Recent**

79. *Embolacarus pergratus* Sellnick, 1919* ..... Pa Baltic amber

EUPYCTIMA Grandjean, 1967 ..... **Palaeogene – Recent**

NB: Eupyctima is listed here as a mixonomatid clade, but is not recognised in all classifications, or else is removed from this group and given equal rank

EUPHTHIRACAROIDEA Jacot, 1930 ..... **Palaeogene – Recent**

EUPHTHIRACARIDAE Jacot, 1930 ..... **Palaeogene – Recent**

***Microtritia* Märkel, 1964** ..... **Quaternary – Recent**

80. *Microtritia minima* (Berlese, 1904) **[Recent]** ..... Qt Germany

***Rhysotritia* Märkel & Meyer, 1959** ..... **Quaternary – Recent**

81. *Rhysotritia ardua* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany

82. *Rhysotritia duplicata* (Grandjean, 1953) **[Recent]** ..... Qt Germany

ORIBOTRITIIDAE Grandjean, 1954b ..... **Palaeogene – Recent**

= SABAHTRITIIDAE Mahunka, 1987

***Oribotritia* Jacot, 1924** ..... **Palaeogene – Recent**

83. *Oribotritia pyropus* (Sellnick, 1919) ..... Pa Baltic amber

84. *Oribotritia translucida* Sellnick, 1931 ..... Pa Baltic amber

SYNICHOTRITIIDAE Walker, 1965 ..... **Recent**

no fossil record

PHTHIRACAROIDEA Perty, 1841 ..... **Palaeogene – Recent**

PHTHIRACARIDAE Perty, 1841 ..... **Palaeogene – Recent**

= STEGANACARIDAE Niedbała, 1986

***Hoplophthiacarus* Jacot, 1933** ..... **Quaternary – Recent**

85. *Hoplophthiacarus pavidus* (Berlese, 1913) **[Recent]** ..... Qt Karelia, Russia

***Phthiacarus* Perty, 1841** ..... **Palaeogene – Recent**

86. *Phthiacarus borealis* Trägardh, date? **[Recent]** ..... Qt Karelia, Russia

87. *Phthiacarus multipunctus* (Sellnick, 1919) ..... Pa Baltic amber

***Steganacarus* Ewing, 1917a** ..... **Quaternary – Recent**

88. *Steganacarus applicatus* (Sellnick, 1920) **[Recent]** ..... Qt Denmark

89. *Steganacarus carinatus* (C. L. Koch, 1841) **[Recent]** ..... Qt Finland

90. *Steganacarus striculus* (C. L. Koch, 1835) **[Recent]** ..... Qt Europe

Steganacarus sp. ..... Qt Finland

DESMONOMATA Woodley, 1873 (supercohort) ..... **Jurassic – Recent**

NOTHRINA van der Hammen, 1982 (cohort) ..... **Jurassic – Recent**

= HOLOSOMATA author, date?

CROTONIOIDEA Thorell, 1876 ..... **Jurassic – Recent**

CAMISIIDAE Oudemans, 1900 ..... **Cretaceous – Recent**

***Camisia* von Heyden, 1826** ..... **Paleogene – Recent**

91. *Camisia foveolata* Hammer, 1955 **[Recent]** ..... Qt western Norway

92. *Camisia horrida* **[Recent]** *fossilis* Sellnick, 1919 ..... Pa Baltic amber

i. = *Nothrus kuehli* Karsch, 1884 ..... Pa Baltic amber

NB: unclear why the older name is the synonym

93. *Camisia invenusta* (Michael, 1888) **[Recent]** ..... Qt western Norway

94. *Camisia lapponica* Trägårdh, 1910 **[Recent]** ..... Qt Karelia, Russia

† ***Eocamisia* Bulanova-Zachvatkina, 1974** ..... **Cretaceous**

95. *Eocamisia sukatshevae* Bulanova-Zachvatkina, 1974* ..... K Siberian amber

***Platynothrus* Berlese, 1913** ..... **Quaternary – Recent**

96. *Platynothrus peltifer* (C. L. Koch, 1839) **[Recent]** ..... Qt Greenland

97. *Platynothrus punctatus* (L. Koch, 1879) **[Recent]** ..... Qt northern Europe

CROTONIIDAE Thorell, 1876 ..... **Neogene – Recent**

= HOLONOTHRIDAE Wallwork, 1963

***Crotonia* Thorell, 1876** ..... **Neogene – Recent**

98. *Crotonia ramus* (Womersley, 1957) ..... Ne Australian retinite

HERMANNIIDAE Sellnick, 1928 ..... **Palaeogene – Recent**

= GALAPAGACARIDAE P. Balogh, 1985

***Hermannia* Nicolet, 1855** ..... **Palaeogene – Recent**

99. *Hermannia gibba* (C. L. Koch, 1839) **[Recent]** ..... Qt Finland

100. *Hermannia reticulata* Thorell, 1871 **[Recent]** ..... Qt Subarctic – Arctic

101. *Hermannia scabra* (L. Koch, 1879) **[Recent]** ..... Qt Greenland

102. *Hermannia sellnicki* Norton, 2006 ..... Pa Baltic amber

MALACONOTHRIDAE Berlese, 1916 ..... **Quaternary – Recent**

***Malaconothrus* Berlese, 1904** ..... **Quaternary – Recent**

103. *Malaconothrus monodactylus* (Michael, 1888) **[Recent]** ..... Qt Europe

***Trimalaconothrus* Berlese, 1916** ..... **Quaternary – Recent**

104. *Trimalaconothrus maior* (Berlese, 1910) **[Recent]** ..... Qt northern Europe

NANHERMANNIIDAE Sellnick, 1928 ..... **Quaternary – Recent**

***Nanhermannia* Berlese, 1913** ..... **Quaternary – Recent**

105. *Nanhermannia coronata* Berlese, 1913 **[Recent]** ..... Qt Karelia, Russia

106. *Nanhermannia elegantula* Berlese, 1913 **[Recent]** ..... Qt Germany

NOTHRIDAE Berlese, 1896 ..... **Paleogene – Recent**

***Nothrus* C. L. Koch, 1836** ..... **Paleogene – Recent**

107. *Nothrus illautus* Sellnick, 1919 ..... Pa Baltic amber

108. *Nothrus punctulum* Karsch, 1884 ..... Pa Baltic amber

109. *Nothrus silvestris* Nicolet, 1855 **[Recent]** ..... Qt Europe

TRHYPOCHTHONIIDAE Willmann, 1931 ..... **Jurassic – Recent**

= ALLONOTHRIDAE Lee, 1985

= MUCRONOTHRIDAE Kunst, 1972

= XXXXX Badejo, Woas & Beck, 2002

= TRHYPOCHTHONIELLIDAE Knülle, 1957

***Allonothrus* van der Hammen, 1953** ..... **Neogene – Recent**

Allonothrus sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

† ***Juracarus* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic – Recent**

110. *Juracarus serratus* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

***Mucronothrus* Trägårdh, 1931** ..... **Quaternary – Recent**

111. *Mucronothrus nasalis* (Willmann, 1929) **[Recent]** ..... Qt Karelia, Russia

† ***Palaeochthonius* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic – Recent**

112. *Palaeochthonius krasilovi* Krivolutsky *in* Kriv. & Krasilov, 1977 ..... J Russian far east

***Trhypochthonius* Berlese, 1904** ..... **Palaeogene – Recent**

113. *Trhypochthonius badiformis* Sellnick, 1931 ..... Pa Baltic amber

114. *Trhypochthonius cladonicola* (Willmann, 1919) **[Recent]** ..... Qt Germany

115. *Trhypochthonius corniculatus* Sellnick, 1931 ..... Pa Baltic amber

116. *Trhypochthonius tectorum* (Berlese, 1896) **[Recent]** ..... Qt Karelia, Russia

BRACHYPYLINA Hull, 1918 (cohort) ..... Jurassic – Recent

= CIRCUMDEHISCENTIAE Grandjean, 1954*b*

= PORONOTA Grandjean, 1954*b* [in part; taxon used for seven brachypyline superfamilies]

superfamily uncertain

ARIBATIDAE Aoki, Takaku & Ito, 1994 ..... **Recent**

no fossil record

HERMANNIELLOIDEA Grandjean, 1934 ..... **Paleogene – Recent**

HERMANNIELLIDAE Grandjean, 1934 ..... **Paleogene – Recent**

***Hermanniella* Berlese, 1908** ..... **Paleogene – Recent**

117. *Hermanniella concamerata* Sellnick, 1931 ..... Pa Baltic amber

118. *Hermanniella tuberculata* Sellnick, 1919 ..... Pa Baltic amber

***Sacculobates* Grandjean, 1962** ..... **Neogene – Recent**

Sacculobates sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

PLASMOBATIDAE Grandjean, 1961*a* ..... **Recent**

no fossil record

NEOLIODOIDEA Sellnick, 1928 ..... **Palaeogene – Recent**

= LIODOIDEA Grandjean, 1954*b*

NEOLIODIDAE Sellnick, 1928 ..... **Palaeogene – Recent**

= LIODIDAE Grandjean, 1954*b*

***Neoliodes* Berlese, 1888** ..... **Palaeogene – Recent**

= *Liodes* von Heyden, 1826 [preoccupied]

119. *Neoliodes brevitarsus* (Woolley, 1971) ..... Ne Chiapas amber

120. *Neoliodes dominicus* Heethoff, Helfen & Norton, 2009 ..... Ne Dominican amber

121. *Neoliodes quadriscutatus* Sellnick, 1919 ..... Pa Baltic amber

Neoliodes sp. *in* Norton & Poinar (1993) [as *Liodes*] ..... Ne Dominican amber

***Platyliodes* Berlese, 1917** ..... **Palaeogene – Recent**

122. *Platyliodes ensigerus* (Sellnick, 1919) ..... Pa Baltic amber

***Teleoliodes* author, date?** ..... **Neogene – Recent**

Teleoliodes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

PLATEREMAEOIDEA Trägårdh, 1926 ..... **Cretaceous – Recent**

= GYMNODAMAEOIDEA Grandjean, 1954*a*

ALEURODAMAEIDAE Paschoal & Johnston, 1985 ..... **Recent**

no fossil record

GYMNODAMAEIDAE Grandjean, 1954*a* ..... **Paleogene – Recent**

***Gymnodamaeus* Kulczynski, 1902** ..... **Paleogene – Recent**

123. *Gymnodamaeus sepotisus* Sellnick, 1919 ..... Pa Baltic amber

IDIODAMAEIDAE Paschoal, 1987 ..... **Recent**

no fossil record

LICNOBELBIDAE Grandjean, 1965*a* ..... **Recent**

no fossil record

LICNODAMAEIDAE Grandjean, 1954*b* ..... **Recent**

= NACUNANSELLIDAE author, date

no fossil record

LYRIFISSIELLIDAE Paschoal, 1987 ..... **Recent**

no fossil record

PEDROCORTESELLIDAE Paschoal, 1987 ..... **Recent**

no fossil record

PHEROLIODIDAE Paschoal, 1987 ..... **Recent**

= HAMMERIELLIDAE Paschoal, 1987

= NOOLIODIDAE Paschoal, 1989d

no fossil record

PLATEREMAEIDAE Trägårdh, 1926 ..... **Cretaceous – Recent**

***Rasnitsynella* Krivoluckij, 1976** ..... **Cretaceous**

124. *Rasnitsynella punctulata* Krivoluckij, 1976 ..... K Taymir amber

DAMAEOIDEA Berlese, 1896 ..... **Paleogene – Recent**

DAMAEIDAE Berlese, 1896 ..... **Paleogene – Recent**

Damaeidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

***Belba* von Heyden, 1826** ..... **Quaternary – Recent**

125. *Belba compta* (Kulczynski, 1902) **[Recent]** ..... Qt western Norway

126. *Belba cornyops* (Hermann, 1804)* **[Recent]** ..... Qt Finland

† ***Belbites* Pampaloni, 1902** ..... **Neogene**

127. *Belbites disodilis* Pampaloni, 1902* ..... Ne? Sicily

***Damaeobelba* Sellnick, 1928** ..... **Quaternary – Recent**

128. *Damaeobelba minutissima* (Sellnick, 1920) **[Recent]** ..... Qt Germany

***Damaeus* C. L. Koch, 1835** ..... **Paleogene – Recent**

129. *Damaeus auritus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

130. *Damaeus genadensis* Sellnick, 1931 ..... Pa Baltic amber

***Spatiodamaeus* Bulanova-Zachvatkina, 1967** ..... **Quaternary – Recent**

131. *Spatiodamaeus verticillipes* (Nicolet, 1855)* **[Recent]** ..... Qt Finland

CEPHEOIDEA Berlese, 1896 ..... **Cretaceous – Recent**

= EUTEGOIDEA Balogh, 1965

ANDEREMAEIDAE Balogh, 1972 ..... **Recent**

no fossil record

CEPHEIDAE Berlese, 1896 ..... **Cretaceous – Recent**

= COMPATOZETIDAE Luxton, 1988

***Cepheus* C. L. Koch, 1835** ..... **Paleogene – Recent**

132. *Cepheus cepheiformis* (Nicolet, 1855) **[Recent]** ..... Qt Finland

133. *Cepheus dentatus* (Michael, 1888) **[Recent]** ..... Qt Finland

134. *Cepheus implicatus* (Sellnick, 1919) ..... Pa Baltic amber

135. *Cepheus latus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

***Eupterotegaeus* Berlese, 1916** ..... **Cretaceous – Recent**

136. *Eupterotegaeus bitranslamellatus* Arillo & Subías, 2002 ..... K Álava amber

***Ommatocepheus* Berlese, 1913** ..... **Cretaceous – Recent**

137. *Ommatocepheus nortoni* Arillo, Subías & Shtanchaeva, 2008 ..... K Álava amber

CEROCEPHEIDAE Mahunka, 1986 ..... **Recent**

no fossil record

EUTEGAEIDAE Balogh, 1965 ..... **Recent**

= PTEROZETIDAE Luxton, 1988

no fossil record

MICROTEGEIDAE Balogh, 1972 ..... **Recent**

no fossil record

NODOCEPHEIDAE Piffl, 1972 ..... **Recent**

no fossil record

NOSYBEIDAE Mahunka, 1994 ..... **Recent**

no fossil record

PTEROBATIDAE Balogh & Balogh, 1992 ..... **Recent**

no fossil record

POLYPTEROZETOIDEA Grandjean, 1959 ..... **Recent**

PODOPTEROTEGAEIDAE Piffl, 1972 ..... **Recent**

no fossil record

POLYPTEROZETIDAE Grandjean, 1959 ..... **Recent**

no fossil record

TUMEROZETIDAE Hammer, 1966 ..... **Recent**

no fossil record

MICROZETOIDEA Grandjean, 1936*a* ..... **Neogene – Recent**

MICROZETIDAE Grandjean, 1936*a* ..... **Neogene – Recent**

***Amiracarus* Miko *in* Miko *et al*. (2013)** ..... **Neogene – Recent**

138.*Amiracarus pliocennatus* Miko *in* Miko *et al*. (2013) ..... Ne Slovenian Karst

139.*Amiracrus senensis* (Bernini, 1975) *in* Miko *et al*. (2013)* **[Recent]** ..... Qt Romanian caves

AMEROIDEA Bulanova-Zachvatkina, 1957 ..... **Palaeogene – Recent**

= AMEROBELBOIDEA Grandjean, 1954*b*

= CALEREMEIOIDEA Grandjean, 1965*c*

AMERIDAE Bulanova-Zachvatkina, 1957 ..... **Recent**

no fossil record

AMEROBELBIDAE Grandjean, 1961*b* ..... **Recent**

no fossil record

BASILOBELBIDAE Balogh, 1961 ..... **Recent**

no fossil record

CALEREMAEIDAE Grandjean, 1965*c* ..... **Palaeogene – Recent**

***Caleremaeus* Berlese, 1910** ..... **Palaeogene – Recent**

140. *Caleremaeus gleso* Sellnick, 1931 ..... Pa Baltic amber

CTENOBELBIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

DAMAEOLIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

EREMOBELBIDAE Balogh, 1961 ..... **Recent**

no fossil record

EREMULIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

HETEROBELBIDAE Balogh, 1961 ..... **Recent**

no fossil record

HUNGAROBELBIDAE Miko & Travé, 1996 ..... **Recent**

no fossil record

STAUROBATIDAE Grandjean, 1966 ..... **Recent**

no fossil record

ZETORCHESTOIDEA Michael, 1898 ..... **Cretaceous – Recent**

= EREMAEOIDEA Oudeman, 1900

= NIPHOCEPHOIDEA Travé, 1959 [a separate superfamily in some studies]

† **ARCHAEORCHESTIDAE Arillo & Subías, 2000** ..... **Cretaceous**

† ***Plategeocranus* Sellnick, 1919** ..... **Palaeogene**

141. *Plategeocranus sulcatus* (Karsch, 1884)* ..... Pa Baltic amber

† ***Strieremaeus* Sellnick, 1919** ..... **Cretaceous – Recent**

= † *Archaeorchestes* Arillo & Subías, 2000

142. *Strieremaeus illibatus* Sellnick, 1919 ..... Pa Baltic amber

143. *Strieremaeus minguezae* (Arillo & Subías, 2000) ..... K Álava amber

EREMAEIDAE Oudemans, 1900 ..... **Paleogene – Recent**

***Eremaeus* C. L. Koch, 1836** ..... **Paleogene – Recent**

144. *Eremaeus hepaticus* C. L. Koch, 1835* **[Recent]** ..... Qt Germany

145. *Eremaeus oblongus* **[Recent]** *fossilis* Sellnick, 1919 ..... Pa Baltic amber

***Eueremaeus* Mihelcic, 1963** ..... **Quaternary – Recent**

146. *Eueremaeus silvestris* (Forsslund, 1956) **[Recent]** ..... Qt Finland

† ***Gradidorsum* Sellnick, 1919** ..... **Palaeogene – Recent**

147. *Gradidorsum asper* Sellnick, 1919* ..... Pa Baltic amber

MEGEREMAEIDAE Woolley & Higgins, 1968 ..... **Recent**

no fossil record

NIPHOCEPHEIDAE Travé, 1959 ..... **Recent**

no fossil record

ZETORCHESTIDAE Michael, 1898 ..... **Palaeogene – Recent**

Zetorchestidae spp.*in* Sidorchuk & Norton (2011) ..... Pa Rovno amber

GUSTAVIOIDEA Oudemans, 1900 ..... **Jurassic – Recent**

= LIACAROIDEA Sellnick, 1928

ASTEGISTIDAE Balogh, 1961 ..... **Jurassic – Recent**

***Astegistes* Hull, 1916** ..... **Quaternary – Recent**

148. *Astegistes pilosus* (C. L. Koch, 1840) **[Recent]** ..... Qt Karelia, Russia

***Cultroribula* Berlese, 1908** ..... **Jurassic – Recent**

149. *Cultroribula jurassica* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

150. *Cultroribula lauta* Sellnick, 1931 ..... Pa Baltic amber

151. *Cultroribula superba* Sellnick, 1931 ..... Pa Baltic amber

GUSTAVIIDAE Oudemans, 1900 ..... **Quaternary – Recent**

***Gustavia* Kramer, 1879** ..... **Quaternary – Recent**

152. *Gustavia microcephala* (Nicolet, 1855) **[Recent]** ..... Qt Finland

KODIAKELLIDAE Hammer, 1967 ..... **Recent**

no fossil record

LIACARIDAE Sellnick, 1928 ..... **Quaternary – Recent**

= XENILLIDAE Woolley & Higgins, 1966

***Adoristes* Hull, 1916** ..... **Quaternary – Recent**

153. *Adoristes ovatus* (C. L. Koch, 1839)* **[Recent]** ..... Qt northern Europe

***Liacarus* Michael, 1898** ..... **Quaternary – Recent**

154. *Liacarus coracinus* (C. L. Koch, 1841) **[Recent]** ..... Qt Finland

***Xenillus* Robineau-Desvoidy, 1839** ..... **Paleogene – Recent**

155. *Xenillus tegeocraniformis* (Sellnick, 1919) ..... Pa Baltic amber

MULTORIBULIDAE Balogh, 1972 ..... **Recent**

no fossil record

PELOPPIIDAE Balogh, 1943 ..... **Paleogene – Recent**

***Ceratoppia* Berlese, 1908** ..... **Paleogene – Recent**

156. *Ceratoppia bipilis fossilis* Sellnick, 1919 ..... Pa Baltic amber

ii. = *Oribates politus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

157. *Ceratoppia quadridentata* (Haller, 1882) **[Recent]** ..... Qt Finland

TENUIALIDAE Jacot, 1929 ..... **Quaternary – Recent**

***Hafenrefferia* Oudemans, 1906** ..... **Quaternary – Recent**

158. *Hafenrefferia gilvipes* (C. L. Koch, 1839)* **[Recent]** ..... Qt Finland

CARABODOIDEA C. L. Koch, 1843*b* ..... **Palaeogene – Recent**

= OCTOCEPHOIDEA Balogh, 1961

CARABOCEPHEIDAE Mahunka, 1986 ..... **Recent**

no fossil record

CARABODIDAE C. L. Koch, 1843*b* ..... **Palaeogene – Recent**

***Carabodes* C. L. Koch, 1835** ..... **Palaeogene – Recent**

159. *Carabodes areolatus* Berlese, 1916 **[Recent]** ..... Qt Karelia, Russia

160. *Carabodes coriaceus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

161. *Carabodes coriaceus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

162. *Carabodes dissonus* Sellnick, 1931 ..... Pa Baltic amber

163. *Carabodes gerberi* Sellnick, 1931 ..... Pa Baltic amber

164. *Carabodes laybrinthicus* (Michael, 1879) **[Recent]** ..... Qt Europe

165. *Carabodes labyrinthicus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

166. *Carabodes marginatus* (Michael, 1884) **[Recent]** ..... Qt Finland

167. *Carabodes minusculus* Berlese, 1923 **[Recent]** ..... Qt Germany

168. *Carabodes ornatus* Storkan, 1925 **[Recent]** ..... Qt Finland

169. *Carabodes subarcticus* Trägardh, 1902 **[Recent]** ..... Qt Finland

170. *Carabodes willmanni* Bernini, 1975 **[Recent]** ..... Qt western Norway

?Carabodes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

† ***Carabodites* Pampaloni, 1902** ..... **Neogene?**

171. *Carabodites pavesii* Pampaloni, 1902* ..... Ne? Sicily

***Odontocepheus* Berlese, 1913** ..... **Quaternary – Recent**

172. *Odontocepheus elongatus* (Michael, 1879)* **[Recent]** ..... Qt Finland

DAMPFIELLIDAE Balogh, 1961 ..... **Recent**

no fossil record

HEXOPPIIDAE Balogh, 1983 ..... **Recent**

no fossil record

LUXTONIIDAE Mahunka, 2001 ..... **Recent**

no fossil record

NIPPOBODIDAE Aoki, 1959 ..... **Recent**

no fossil record

OTOCEPHEIDAE Balogh, 1961 ..... **Paleogene – Recent**

Dolicheremaeus **Jacot, 1938** ..... **Neogene – Recent**

Dolicheremaeus sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

Otocepheus **Berlese, 1905** ..... **Paleogene – Recent**

173. *Otocepheus niger* Sellnick, 1931 ..... Pa Baltic amber

174. *Otocepheus praesignis* Sellnick, 1931 ..... Pa Baltic amber

TOKUNOCEPHEIDAE Aoki, 1966*a* ..... **Recent**

no fossil record

OPPIOIDEA Grandjean, 1951 ..... **Palaeogene – Recent**

= EREMELLOIDEA Balogh, 1961 [in part]

= TRIZETOIDEA Ewing, 1917 [in part]

AUTOGNETIDAE Grandjean, 1960*b* ..... **Quaternary – Recent**

Conchogneta **Grandjean, 1963** ..... **Quaternary – Recent**

175. *Conchogneta traegardhi* (Forsslund, 1947) **[Recent]** ..... Qt Finland

ARCEREMAEIDAE Balogh, 1972 ..... **Recent**

no fossil record

BORHIDIIDAE Balogh, 1983 ..... **Recent**

no fossil record

CHAVINIIDAE Balogh, 1983 ..... **Recent**

no fossil record

ENANTIOPPIIDAE Balogh, 1983 ..... **Recent**

no fossil record

EPIMERELLIDAE Ayyildiz & Luxton, 1989 ..... **Recent**

no fossil record

GRANULOPPIIDAE Balogh, 1983 ..... **Recent**

no fossil record

MACHADOBELBIDAE Balogh, 1972 ..... **Recent**

no fossil record

MACHUELLIDAE Balogh, 1893 ..... **Recent**

no fossil record

NOSYBELBIDAE Mahunka, 1994 ..... **Recent**

no fossil record

OPPIIDAE Grandjean, 1951 ..... **Palaeogene – Recent**

***Dissorhina* Hull, 1916** ..... **Neogene – Recent**

176. *Dissorhina nuda* Miko, 2015 ..... Ne Slovenian Karst

177. *Dissorhina ornata* (Oudemans, 1900)* **[Recent]** ..... Qt Germany

178. *Dissorhina paleokrasica* Miko, 2015 ..... Ne Slovenian Karst

***Oppia* C. L. Koch, 1836** ..... **Palaeogene – Recent**

179. *Oppia angustum* (Sellnick, 1931) ..... Pa Baltic amber

180. *Oppia cervicornu* (Sellnick, 1919) ..... Pa Baltic amber

181. *Oppites hurdi* Woolley, 1971 ..... Ne Chiapas amber

182. *Oppia longilamellata* **[Recent]** *fossilis* (Sellnick, 1931) ..... Pa Baltic amber

183. *Oppia medium* (Sellnick, 1931) ..... Pa Baltic amber

184. *Oppia mexicana* (Woolley, 1971) ..... Ne Chiapas amber

185. *Oppia setigera* (Woolley, 1971) ..... Ne Chiapas amber

186. *Oppia sucinum* (Sellnick, 1931) ..... Pa Baltic amber

?*Oppia* sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Oppiella* Jacot, 1937** ..... **Quaternary – Recent**

187. *Oppiella nova* (Oudemans, 1902)* **[Recent]** ..... Qt northern Europe

188. *Oppiella ornata* (Oudemans, 1900) **[Recent]** ..... Qt western Norway

189. *Oppiella splendens* (C. L. Koch, 1841) **[Recent]** ..... Qt western Norway

190. *Oppiella subpectinata* (Oudemans, 1900) **[Recent]** ..... Qt northern Europe

191. *Oppiella translamellata* (Willmann, 1923) **[Recent]** ..... Qt northern Europe

† ***Oppites* Pampaloni, 1902** ..... **Neogene**

192. *Oppites melilli* Pampaloni, 1902* ..... Ne? Sicily

† ***Praoppiella* Miko & Mourek *in* Miko *et al*., 2012** ..... **Quaternary**

193. *Praoppiella oanae* Miko & Mourek *in* Miko *et al*., 2012* ..... Qt Slovenian Karst

***Ramusella* Hammer, 1962** ..... **Quaternary – Recent**

194. *Ramusella clavipectinata* (Michael, 1885) **[Recent]** ..... Qt Germany

† ***Rhinoppioides* Miko *in* Miko *et al*., 2012** ..... **Quaternary**

195. *Rhinoppioides quadrituberculatus* Miko *in* Miko *et al*., 2012* ..... Qt Slovenian Karst

OXYAMERIDAE Aoki, 1965 ..... **Recent**

no fossil record

PAPILLONOTIDAE Balogh, 1983 ..... **Recent**

no fossil record

PLATYAMERIDAE Balogh & Balogh, 1983 ..... **Recent**

no fossil record

QUADROPPIIDAE Balogh, 1983 ..... **Recent**

no fossil record

RHYNCHORIBATIDAE Balogh, 1961 ..... **Recent**

no fossil record

SPINOZETIDAE Balogh, 1972 ..... **Recent**

no fossil record

STERNOPPIIDAE Balogh & Mahunka, 1969 ..... **Recent**

no fossil record

SUCTOBELBIDAE Jacot, 1938 ..... **Palaeogene – Recent**

***Suctobelbella* Jacot, 1937** ..... **Palaeogene – Recent**

196. *Suctobelbella falcata* (Forsslund, 1941) **[Recent]** ..... Qt Germany
197. *Suctobelbella latirostris* (Strenzke, 1950) **[Recent]** ..... Qt Germany
198. *Suctobelbella longirostris* (Forsslund, 1941) **[Recent]** ..... Qt western Norway
199. *Suctobelbella sarekensis* (Forsslund, 1941) **[Recent]** ..... Qt Europe
200. *Suctobelbella similis* (Forsslund, 1941) **[Recent]** ..... Qt Germany
201. *Suctobelbella subcornigera* (Forsslund, 1941) **[Recent]** ..... Qt Germany
202. *Suctobelbella subtrigona* (Oudemans, 1916) **[Recent]** ..... Qt Europe
203. *Suctobelbella subtrigona* **[Recent]** *fossilis* (Sellnick, 1931) ..... Pa Baltic amber

TERATOPPIIDAE Balogh, 1983 ..... **Recent**

no fossil record

TETRACONDYLIDAE Aoki, 1961 ..... **Recent**

no fossil record

THYRISOMIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Banksinoma* Oudemans, 1930** ..... **Quaternary – Recent**

204. *Banksinoma lanceolata* (Michael, 1885)* **[Recent]** ..... Qt Europe

TRIZETIDAE Ewing, 1917 ..... **Recent**

no fossil record

TUPAREZETIDAE Balogh, 1972 ..... **Recent**

no fossil record

TECTOCEPHEOIDEA Grandjean, 1954*b* ..... **Paleogene – Recent**

TECTOCEPHEIDAE Oudemans, 1900 ..... **Paleogene – Recent**

***Tectocepheus* Berlese, 1895** ..... **Paleogene – Recent**

205. *Tectocepheus minor* Berlese, 1903 **[Recent]** ..... Qt western Norway
206. *Tectocepheus similis* Sellnick, 1931 ..... Pa Baltic amber
207. *Tectocepheus velatus* (Michael, 1880)* **[Recent]** ..... Qt northern Europe

HYDROZETOIDEA Grandjean, 1954*b* ..... **Jurassic – Recent**

HYDROZETIDAE Grandjean, 1954*b* ..... **Jurassic – Recent**

***Hydrozetes* Berlese, 1902** ..... **Jurassic – Recent**

208. *Hydrozetes confervae* (Schrank, 1791) **[Recent]** ..... Qt western Norway

209. *Hydrozetes lacustris* (Michael, 1882)* **[Recent]** ..... Qt northern Europe

210. *Hydrozetes oryktosis* Woolley, 1969 ..... Qt Michigan

Hydrozetes sp. *in* Sivhed & Wallwork (1978) ..... J Sweden

LIMNOZETIDAE Thor, 1937 ..... **Quaternary – Recent**

***Limnozetes* Hull, 1916** ..... **Quaternary – Recent**

211. *Limnozetes ciliatus* (Schrank, 1803)* **[Recent]** ..... Qt northern Europe

212. *Limnozetes rugosus* (Sellnick, 1923) **[Recent]** ..... Qt northern Europe

AMERONOTHROIDEA Willmann, 1931 ..... **Quaternary – Recent**

AMERONOTHRIDAE Willmann, 1931 ..... **Quaternary – Recent**

***Ameronothrus* Berlese, 1896** ..... **Quaternary – Recent**

213. *Ameronothrus lineatus* (Thorell, 1871)* **[Recent]** ..... Qt Europe / Greenland

214. *Ameronothrus maculatus* (Michael, 1882) **[Recent]** ..... Qt western Norway

FORTUYNIIDAE van der Hammen, 1963 ..... **Recent**

no fossil record

SELENORIBATIDAE Schuster, 1963 ..... **Recent**

no fossil record

TEGEOCRANELLIDAE Balogh, 1987 ..... **Recent**

no fossil record

CYMBAEREMAEOIDEA Sellnick, 1928 ..... **Jurassic – Recent**

CYMBAEREMAEIDAE Sellnick, 1928 ..... **Jurassic – Recent**

= AMETROPROCTIDAE Subías, 2004

= SCAPHEREMAEIDAE Subías, 2004

***Ametroproctus* Higgins & Woolley, 1968** ..... **Cretaceous – Recent**

215. *Ametroproctus valeriae* Arillo, Subías & Shtanchaeva, 2009 ..... K San Just amber

***Cymbaeremaeus* Berlese, 1896** ..... **Paleogene – Recent**

216. *Cymbaeremaeus cymba* (Nicolet, 1855)* **[Recent]** ..... Qt northern Europe

† ***Jureremus* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic**

217. *Juremeus foveolatus* Krivolutsky *in* Krivolutsky & Krasilov, 1977* ..... J Russian far east

218. *Juremeus phippsi* Selden, Baker & Phipps, 2008 ..... J Yorkshire, UK

***Scapheremaeus* Berlese, 1910** ..... **Paleogene – Recent**

219. *Scapheremaeus undosus* Sellnick, 1919 ..... Pa Baltic amber

† ***Tectocymba*** **Sellnick, 1919** ..... **Paleogene – Recent**

220. *Tectocymba rara* Sellnick, 1919* ..... Pa Baltic amber

EREMAEOZETOIDEA Piffl, 1972 ..... **Paleogene – Recent**

= IDIOZETOIDEA Aoki, 1976

EREMAEOZETIDAE Piffl, 1972 ..... **Paleogene – Recent**

Eremaeozetes **Berlese, 1913** ..... **Paleogene – Recent**

= † *Scutoribates* Sellnick, 1919

Eremaeozetes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

IDIOZETIDAE Aoki, 1976 ..... **Recent**

no fossil record

LICNEREMAEOIDEA Grandjean, 1931 ..... **Palaeogene – Recent**

= CHARASSOBATOIDEA Grandjean, 1958*b*

ADHAESOZETIDAE Hammer, 1973 ..... **Recent**

no fossil record

CHARASSOBATIDAE Grandjean, 1958*b* ..... **Recent**

no fossil record

DENDEROEREMAEIDAE Behan-Pelletier, Eamer & Clavton, 2005 ..... **Recent**

no fossil record

EREMELLIDAE Balogh, 1961 ..... **Recent**

no fossil record

LAMELLAREIDAE Balogh, 1972 ..... **Recent**

no fossil record

LICNEREMAEIDAE Grandjean, 1931 ..... **Palaeogene – Recent**

Licneremaeus **Paoli, 1908** ..... **Palaeogene – Recent**

221. *Licneremaeus fritschi* Sellnick, 1931 ..... Pa Baltic amber

222. *Licneremaeus licnophorus* (Michael, 1882) **[Recent]** ..... Qt Germany

MICREREMIDAE Grandjean, 1954*b* ..... **Jurassic – Recent**

Micreremus **Grandjean, 1954*b*** .....[not Berlese 1908?]..... **Paleogene – Recent**

223. *Micreremus brevipes* (Michael, 1888)* **[Recent]** ..... Qt northern Europe

224. *Micreremus reticulatus* Sellnick, 1931 ..... Pa Baltic amber

225. *Micreremus scrobiculatus* Sellnick, 1931 ..... Pa Baltic amber

PASSALOZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

Passalozetes* Grandjean, 1932*a ..... **Quaternary – Recent**

226. *Passalozetes africanus* Grandjean, 1932*a* **[Recent]** ..... Qt Finland

SCUTOVERTICIDAE Grandjean, 1954*b* ..... **Neogene – Recent**

***Arthrovertex* Balogh, 1970** ..... **Neogene – Recent**

227. *Arthrovertex hurdi* (Woolley, 1971) ..... Ne Chiapas amber

Arthrovertex sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Scutovertex* Michael, 1879** ..... **Quaternary – Recent**

228. *Scutovertex minutus* (C. L. Koch, 1835) **[Recent]** ..... Qt Germany

PHENOPELOPOIDEA Petrunkevitch, 1955*a* ..... **Palaeogene – Recent**

PHENOPELOPIDAE Petrunkevitch, 1955*a* ..... **Palaeogene – Recent**

= PELOPIDAE author, date?

***Eupelops* Ewing, 1917a** ..... **Palaeogene – Recent**

229. *Eupelops acromios* (Hermann, 1804) **[Recent]** ..... Qt Finland

230. *Eupelops curtipilus* (Berlese, 1916) **[Recent]** ..... Qt Germany

231. *Eupelops occultus* (C. L. Koch, 1835) **[Recent]** ..... Qt Kerelia, Russia

232. *Eupelops plicatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe

233. *Eupelops punctulatus* (Sellnick, 1931) ..... Pa Baltic amber

234. *Eupelops uraceus* (C. L. Koch, 1839)* **[Recent]** ..... Qt Kerelia, Russia

Eupelops sp. *in* Karppinen & Koponen (1974) ..... Qt Finland

***Peloptulus* Berlese, 1908** ..... **Quaternary – Recent**

235. *Peloptulus phaenotus* (C. L. Koch, 1844)* **[Recent]** ..... Qt Germany

UNDULORIBATIDAE Kunst, 1971 ..... **Palaeogene – Recent**

***Scutoribates* Sellnick, 1918** ..... **Palaeogene – Recent**

236. *Scutoribates perornatus* Sellnick, 1918 ..... Pa Baltic amber

***Unduloribates* Balogh, 1943** ..... **?Palaeogene – Recent**

237. *Unduloribates parvus* (Sellnick, 1931) ..... Pa Baltic amber

[generic affinities need clarification]

ACHIPTERIOIDEA Thor, 1929 ..... **?Jurassic – Recent**

ACHIPTERIIDAE Thor, 1929 ..... **?Jurassic – Recent**

***Achipteria* Berlese, 1885** ..... **?Jurassic – Recent**

238. *Achipteria coleoptrata* (Linnaeus, 1757) **[Recent]** ..... Qt Finland / Greenland

239. ?*Achipteria obscura* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

[An *incertae sedis* taxon?]

***Parachipteria* van der Hammen, 1952** ..... **Quaternary – Recent**

240. *Parachipteria punctata* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

241. *Parachipteria willmanni* van der Hammen, 1952 **[Recent]** ..... Qt Germany

EPACTOZETIDAE Grandjean, 1936*b* ..... **Recent**

no fossil record

TEGORIBATIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Tegoribates* Ewing, 1917a** ..... **Quaternary – Recent**

242. *Tegoribates latirostris* (C. L. Koch, 1844) **[Recent]** ..... Qt Finland

ORIBATELLOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

ORIBATELLIDAE Jacot, 1925 ..... **Palaeogene – Recent**

***Oribatella* Banks, 1895** ..... **Palaeogene – Recent**

243. *Oribatella berlesei* (Michael, 1898) **[Recent]** ..... Qt Finland

244. *Oribatella calcarata* (C. L. Koch, 1835) **[Recent]** ..... Qt Kerelia, Russia

245. *Oribatella mirabilis* Sellnick, 1931 ..... Pa Baltic amber

ORIPODOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

CALOPPIIDAE Balogh, 1960 ..... **Recent**

= ?CRASSORIBATULIDAE author, date?

no fossil record

CAMPBELLOBATIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

CHAUNOPROCTIDAE Balogh, 1961 ..... **Recent**

no fossil record

DRYMOBATIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

HAPLOZETIDAE Grandjean, 1936*c* ..... **Palaeogene – Recent**

= PROTORIBATIDAE J. Balogh & P. Balogh, 1984

= XLOBATIDAE J. Balogh & P. Balogh, 1984

***Protoribates* Berlese, 1908** ..... **Palaeogene – Recent**

246. *Protoribates longipilis* Sellnick, 1931 ..... Pa Baltic amber

LAMELLAREIDAE Balogh, 1972 ..... **Recent**

no fossil record

MAUDHEIMIIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

MOCHLOZETIDAE Grandjean, 1960*a* ..... **Neogene – Recent**

Mochlozetidae sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Mochloribatula* Mahunka, 1978** ..... **Neogene – Recent**

247. *Mochloribatula smithi* (Woolley, 1971) ..... Ne Chiapas amber

***Mochlozetes* Grandjean, 1930** ..... **Neogene – Recent**

Mochlozetes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

NASOBATIDAE Balogh, 1972 ..... **Recent**

no fossil record

NEOTRICHOZETIDAE Balogh, 1965 ..... **Recent**

no fossil record

NESOZETIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

ORIBATULIDAE Thor, 1929 ..... **Palaeogene – Recent**

Oribatulidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

***Lucoppia* Berlese, 1908** ..... **Palaeogene – Recent**

248. *Lucoppia simplex* Sellnick, 1919 ..... Pa Baltic amber

***Oribatula* Berlese, 1895** ..... **Quaternary – Recent**

249. *Oribatula tibialis* (Nicolet, 1855)* **[Recent]** ..... Qt Europe

***Phauloppia* Berlese, 1908** ..... **Palaeogene – Recent**

250. *Phauloppia lucorum* (C. L. Koch, 1841) **[Recent]** ..... Qt northern Europe

251. *Phauloppia pellucida* (Sellnick, 1931) ..... Pa Baltic amber

† ***Sachalinella* Rjabinin *in* Krivolutzkii & Rjabinin, 1976** ..... **Palaeogene – Recent**

May be a homonym of a bivalve genus

252. *Sachalinella zherichini* Rjabinin *in* Krivolutzkii & Rjabinin, 1976* ..... Pa Sachalin amber

***Zygoribatula* Berlese, 1916** ..... **Quaternary – Recent**

253. *Zygoribatula exilis* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

ORIPODIDAE Jacot, 1925 ..... **Palaeogene – Recent**

= BIROBATIDAE J. Balogh & P. Balogh, 1984

***Benoibates* Balogh, 1958** ..... **Neogene – Recent**

254. *Benoibates chiapasensis* (Woolley, 1971) ..... Ne Chiapas amber

***Oripoda* Banks, 1904** ..... **Palaeogene – Recent**

255. *Oripoda baltica* Sellnick, 1931 ..... Pa Baltic amber

Oripoda sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Parapirnodus* Balogh & Mahunka, 1968** ..... **Neogene – Recent**

256. *Parapirnodus denaius* (Woolley, 1971) ..... Ne Chiapas amber

PARAKALUMMIDAE Grandjean, 1936*b* ..... **Palaeogene – Recent**

***Neoribates* Berlese, 1914** ..... **Palaeogene – Recent**

257. *Neoribates borussicus* Sellnick, 1931 ..... Pa Baltic amber

SCHELORIBATIDAE Grandjean, 1933 ..... **Palaeogene – Recent**

***Liebstadia* Oudemans, 1906** ..... **Palaeogene – Recent**

258. *Liebstadia similiformis* Sellnick, 1931 ..... Pa Baltic amber

259. *Liebstadia similis* (Michael, 1888)* **[Recent]** ..... Qt Europe / Greenland

***Scheloribates* Berlese, 1908** ..... **Palaeogene – Recent**

260. *Scheloribates apterus* Sellnick, 1931 ..... Pa Baltic amber

261. *Scheloribates areatus* Sellnick, 1931 ..... Pa Baltic amber

262. *Scheloribates durhami* (Woolley, 1971) ..... Ne Chiapas amber

263. *Scheloribates initialis* (Berlese, 1908) **[Recent]** ..... Qt Europe

264. *Scheloribates laevigatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe

265. *Scheloribates latipes* (C. L. Koch, 1844) **[Recent]** ..... Qt Europe

266. *Scheloribates pallidulus* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany

267. *Scheloribates setatus* Sellnick, 1931 ..... Pa Baltic amber

SELLNICKIIDAE Balogh & Balogh, 1984 ..... **Recent**

no fossil record

STELECHOBATIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

SYMBIORIBATIDAE Aoki, 1966*b* ..... **Recent**

no fossil record

TUBULOZETIDAE Balogh, 1989 ..... **Quaternary – Recent**

***Grandjeanobates* Ramsay, 1967** ..... **Quaternary – Recent**

?*Grandjeanobates* sp. ..... Qt New Zealand

ZETOMOTRICHIDAE Grandjean, 1954*b* ..... **Paleogene – Recent**

Zetomotrichidae sp. *in* Sidorchuk & Norton (2011) ..... P Baltic amber

CERATOZETOIDEA Jacot, 1925 ..... **Paleogene – Recent**

CERATOKALUMMIDAE Balogh, 1970 ..... **Recent**

no fossil record

CERATOZETIDAE Jacot, 1925 ..... **Paleogene – Recent**

***Ceratozetes* Berlese, 1908** ..... **Quaternary – Recent**

268. *Ceratozetes gracilis* (Michael, 1884)* **[Recent]** ..... Qt Finland

269. *Ceratozetes minimus* Sellnick, 1928 **[Recent]** ..... Qt Germany

270. *Ceratozetes parvulus* Sellnick, 1922 **[Recent]** ..... Qt Germany

Diapterobates* Grandjean, 1936*b ..... **Quaternary – Recent**

271. *Diapterobates notatus* (Thorell, 1871) **[Recent]** ..... Qt Europe / Greenland

***Edwardzetes* Berlese, 1914** ..... **Quaternary – Recent**

272. *Edwardzetes edwardsi* (Nicolet, 1855)* **[Recent]** ..... Qt western Norway

***Fuscozetes* Sellnick, 1928** ..... **Quaternary – Recent**

273. *Fuscozetes fuscipes* (C. L. Koch, 1844)* **[Recent]** ..... Qt western Norway

***Melanozetes* Hull, 1916** ..... **Paleogene – Recent**

274. *Melanozetes foderatus* Sellnick, 1931 ..... Pa Baltic amber

275. *Melanozetes mollicomnus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

276. *Melanozetes meridianus* Sellnick, 1928 **[Recent]** ..... Qt Greenland

Melanozetes sp. *in* Karppinen *et al.* (1979) ..... Qt Karelia, Russia

***Oromucia* Thor, 1930** ..... **Quaternary – Recent**

277. *Oromucia bicuspidata* Thor, 1930* **[Recent]** ..... Qt western Norway

278. *Oromucia lucens* (C. L. Koch, date?) **[Recent]** ..... Qt Greenland

***Sphaerozetes* Berlese, 1885** ..... **Paleogene – Recent**

279. *Sphaerozetes convexulus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

280. *Sphaerozetes pirifomis* (Nicolet, 1855) **[Recent]** ..... Qt Finland

281. *Sphaerozetes primus* Sellnick, 1931 ..... Pa Baltic amber

***Trichoribates* Berlese, 1910** ..... **Quaternary – Recent**

282. *Trichoribates biarea* Gjelstrup & Solhøy, 1994 **[Recent]** ..... Qt western Norway

283. *Trichoribates incisellus* (Kramer, 1897) **[Recent]** ..... Qt Europe

284. *Trichoribates monticola* (Trägardh, 1902) **[Recent]** ..... Qt western Norway

285. *Trichoribates setiger* (Trägardh, 1910) **[Recent]** ..... Qt western Norway

286. *Trichoribates trimaculatus* (C. L. Koch, 1835)* **[Recent]** ..... Qt northern Europe

CHAMOBATIDAE Thor, 1937 ..... **Paleogene – Recent**

***Chamobates* Hull, 1916** ..... **Paleogene – Recent**

287. *Chamobates borealis* (Trägardh, 1902) **[Recent]** ..... Qt western Norway

288. *Chamobates cuspidatus* (Michael, 1884) **[Recent]** ..... Qt Finland

289. *Chamobates difficilis* Sellnick, 1931 ..... Pa Baltic amber

EUZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Euzetes* Berlese, 1908** ..... **Quaternary – Recent**

290. *Euzetes globulus* (Nicolet, 1855) **[Recent]** ..... Qt Finland

HUMEROBATIDAE Grandjean, 1970 ..... **Recent**

no fossil record

MYCOBATIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Mycobates* Hull, 1916** ..... **Quaternary – Recent**

291. *Mycobates consimilis* Hammer, 1952 **[Recent]** ..... Qt Greenland

292. *Mycobates parmeliae* (Michael, 1884) **[Recent]** ..... Qt Karelia, Russia

293. *Mycobates sarekenis* (Trägårdh, 1910) **[Recent]** ..... Qt western Norway

***Punctoribates* Berlese, 1908** ..... **Quaternary – Recent**

294. *Punctoribates punctum* (C. L. Koch, 1839) **[Recent]** ..... Qt Karelia, Russia
295. *Punctoribates sellnicki* Willmann, 1928 **[Recent]** ..... Qt Europe
Punctoribates sp. *in* Karppinen & Koponen (1973) ..... Qt Finland

ONYCHOBATIDAE Luxton, 1985 ..... **Recent**
no fossil record

RAMSAYELLIDAE Luxton, 1985 ..... **Recent**
no fossil record

ZETOMIMIDAE Shaldybina, 1966 ..... **Quaternary – Recent**
Zetomimus **author, date?** ..... **Quaternary – Recent**
296. *Zetomimus furcatus* (Pearce & Warburton, 1906)* **[Recent]** ..... Qt Karelia, Russia

GALUMNOIDEA Jacot, 1925 ..... **Palaeogene – Recent**
GALUMNELLIDAE Piffl, 1970 ..... **Quaternary – Recent**
Galumnella **Berlese, 1917** ..... **Quaternary – Recent**
Galumnella sp. *in* Aoki (1974) ..... Qt Mizunami copal

GALUMNIDAE Jacot, 1925 ..... **Palaeogene – Recent**
Galumnidae spp. *in* Norton & Poinar (1993) ..... Pa Baltic amber
Acrogalumna **Grandjean, 1956*b*** ..... **Quaternary – Recent**
297. *Acrogalumna longipluma* (Berlese, 1904)* **[Recent]** ..... Qt Karelia, Russia
Galumna **von Heyden, 1826** ..... **Palaeogene – Recent**
298. *Galumna clavata* Sellnick, 1931 ..... Pa Baltic amber
299. *Galumna diversa* Sellnick, 1931 ..... Pa Baltic amber
300. *Galumna lanceata* (Oudemanns, 1900) **[Recent]** ..... Qt Karelia, Russia
301. *Galumna obvia* (Berlese, 1915) **[Recent]** ..... Qt Finland
Galumna sp. *in* Karppinen & Koponen (1974) ..... Qt Finland
Pergalumna **Grandjean, 1936*b*** ..... **Quaternary – Recent**
302. *Pergalumna dorsalis* (C. L. Koch, 1835) **[Recent]** ..... Qt Finland
303. *Pergalumna nervosa* (Berlese, 1914)* **[Recent]** ..... Qt northern Europe
Pilogalumna **Grandjean, 1956*b*** ..... **Quaternary – Recent**
304. *Pilogalumna tenuiclava* (Berlese, 1908) **[Recent]** ..... Qt Germany

ASTIGMATA G. Canestrini, 1891 (cohort) ..... **Palaeogene – Recent**
= ACARIDIDA author, date?
SCHIZOGLYPHOIDEA Mahunka, 1978 ..... **Recent**
SCHIZOGLYPHIDAE Mahunka, 1978 ..... **Recent**
no fossil record

HISTIOSTOMATOIDEA Berlese, 1897 ..... **?Palaeogene – Recent**

GUANOLICHIDAE Fain, 1968 ..... **Recent**

no fossil record

HISTIOSTOMATIDAE Berlese, 1897 ..... **?Palaeogene – Recent**

Hististomatidae? [alternatively Acaridae] *in* Dunlop *et al*. (2012) ..... Pa Baltic amber

CANESTRINIOIDEA Berlese, 1884 ..... **Recent**

CANESTRINIIDAE Berlese, 1884 ..... **Recent**

no fossil record

CHETOCHELACARIDAE Fain, 1987 ..... **Recent**

no fossil record

HETEROCOPTIDAE Fain, 1967*b* ..... **Recent**

no fossil record

LEMANNIELLIDAE Wurst, 2001 ..... **Recent**

no fossil record

Superfamily?

[NB: Sidorchuk & Klimov (2011) discussed the problems in placing this extinct family.]

† **GLAESACARIDAE Klimov & Sidorchuk *in* Sidorchuk & Klimov, 2011** ..... **Palaeogene**

† ***Glaesacarus* Klimov & Sidorchuk *in* Sidorchuk & Klimov, 2011** ..... **Palaeogene – Recent**

305. *Glaesacarus rhombeus* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

HEMISCARPOCTOIDEA Oudemans, 1908 ..... **Neogene – Recent**

ALGOPHAGIDAE Fain, 1974 ..... **Recent**

no fossil record

CARPOGLYPHIDAE Oudemans, 1923 ..... **Recent**

no fossil record

CHAETODACTYLIDAE Zachvatkin, 1941 ..... **Recent**

no fossil record

HEMISARCOPTIDAE Oudemans, 1908 ..... **Recent**

no fossil record

HYADESIIDAE Halbert, 1915 ..... **Recent**

no fossil record

MELIPONOCOPTIDAE Fain & Rosa, 1983 ..... **Recent**

no fossil record

WINTERSCHMIDTIIDAE Oudemans, 1923 ..... **Neogene – Recent**

† ***Amphicalvolia*** **Türk, 1963** ..... **Neogene – Recent**

306. *Amphicalvolia hurdi* Türk, 1963* ..... Ne Chiapas amber

GLYCOPHAGOIDEA Berlese, 1897 ..... **Recent**

AEROGLYPHIDAE Zachvatkin, 1941 ..... **Recent**

no fossil record

CHORTOGLYPHIDAE Berlese, 1897 ..... **Recent**

no fossil record

ECHIMYOPODIDAE Fain, 1967*a* ..... **Recent**

no fossil record

EUGLYCYPHAGIDAE Fain & Phillips, 1977 ..... **Recent**

no fossil record

GLYCYPHAGIDAE Berlese, 1897 ..... **Recent**

no fossil record

PEDETOPODIDAE Fain, 1969 ..... **Recent**

no fossil record

ROSENSTEINIIDAE Coorman, 1954 ..... **Recent**

= LOPHONOTACARIDAE Fain, 1987

= TROGLOTACARIDAE Fain, 1977

no fossil record

ACAROIDEA Latreille, 1802 ..... **Neogene – Recent**

ACARIDAE Latreille, 1802 ..... **Recent**

[query family placement?]

† ***Tyroglyphites*** **Pampaloni, 1902** ..... **Neogene – Recent**

307. *Tyroglyphites miocenicus* Pampaloni, 1902* ..... Ne Sicily

GAUDIELLIDAE Atyeo *et al*., 1974 ..... **Recent**

= PARTAMONACOPTIDAE author, date?

= PLATYGLYPHIDAE Kurosa, 1976

no fossil record

GLYCACARIDAE Griffiths, 1977 ..... **Recent**

no fossil record

LARDOGLYPHIDAE Oudemans, 1877 ..... **Recent**

no fossil record

SAPRACARIDAE Fain, 1988 ..... **Recent**

no fossil record

SCATOGLYPHIDAE Zachvatkin & Volgin, 1956 ..... **Recent**

no fossil record

SUIDASIIDAE Hughes, 1948 ..... **Recent**

no fossil record

TYROGLYPHIDAE Donnadieu, 1868 ..... **Quaternary – Recent**

Tyroglyphidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

HYPODERATOIDEA Murray, 1877 ..... **Recent**

HYPODERATIDAE Murray, 1877 ..... **Recent**

no fossil record

PSOROPTIDIA Yunker, 1955 (unranked clade) ..... **Neogene – Recent**

PTEROLICHOIDEA Trouessart & Mégnin, 1884 ..... **Recent**

= FREYANOIDEA Dubinin, 1953

ASCOURACARIDAE Gaud & Atyeo, 1976 ..... **Recent**

no fossil record

CAUDIFERIDAE Gaud & Atyeo, 1978 ..... **Recent**

no fossil record

CHEYLABIDIDAE Gaud, 1983 ..... **Recent**

no fossil record

CRYPTUROPTIDAE Gaud, Atyeo & Berla, 1972 ..... **Recent**

no fossil record

EUSTATHIIDAE Oudemans, 1905 ..... **Recent**

no fossil record

FALCULIFERIDAE Oudemans, 1905 ..... **Recent**

no fossil record

FREYANIDAE Dubinin, 1953 ..... **Recent**

no fossil record

GABUCINIIDAE Gaud & Atyeo, 1975 ..... **Recent**

no fossil record

KIWILICHIDAE Dabert, 1994 ..... **Recent**

no fossil record

KRAMERELLIDAE Gaud & Mouchet, 1961 ..... **Recent**

no fossil record

OCHROLICHIDAE Gaud & Atyeo, 1978 ..... **Recent**

no fossil record

OCONNORIIDAE Gaud, Atyeo & Klompen, 1989 ..... **Recent**

no fossil record

PTEROLICHIDAE Trouessart & Mégnin, 1884 ..... **Recent**

no fossil record

PTILOXENIDAE Gaud, 1982 ..... **Recent**

no fossil record

RECTIJANUIDAE Gaud, 1961 ..... **Recent**

no fossil record

SYRINGOBIIDAE Trouessart, 1897 ..... **Recent**

no fossil record

THORACOSATHESIDAE Gaud & Mouchet, 1959 ..... **Recent**

no fossil record

VEXILLARIIDAE Gaud & Mouchet, 1959 ..... **Recent**

no fossil record

ANALGOIDEA Trouessart & Mégnin, 1884 ..... **Recent**

ALLOPTIDAE Gaud, 1957 ..... **Recent**

no fossil record

ANALGIDAE Trouessart & Mégnin, 1884 ..... **Recent**

no fossil record

APIONACARIDAE Gaud & Atyeo, 1977 ..... **Recent**

no fossil record

AVENZOARIIDAE Oudemans, 1905 ..... **Recent**

no fossil record

CYTODITIDAE Oudemans, 1908 ..... **Recent**

no fossil record

DERMATIONIDAE Fain, 1965 ..... **Recent**

no fossil record

DERMOGLYPHIDAE Mégnin & Trouessart, 1884 ..... **Recent**

no fossil record

EPIDERMOPTIDAE Trouessart, 1892 ..... **Recent**

no fossil record

GAUDOGLYPHIDAE Bruce & Johnston, 1976 ..... **Recent**

no fossil record

HETEROPSORIDAE Oudemans, 1908 ..... **Recent**

no fossil record

KNEMIDOKOPTIDAE Dubinin, 1953 ..... **Recent**

no fossil record

LAMINOSIOPTIDAE Vitzthum, 1931 ..... **Recent**

no fossil record

PROCTOPHYLLODIDAE Mégnin & Trouessart, 1884 ..... **Recent**

no fossil record

PSORALGIDAE Oudemans, 1908 ..... **Recent**

no fossil record

PSOROPTOIDIDAE Gaud, 1983 ..... **Recent**

no fossil record

PTERONYSSIDAE Oudemanns, 1941 ..... **Recent**

no fossil record

PTYSSALGIDAE Atyeo & Gaud, 1979 ..... **Recent**

no fossil record

PYROGLYPHIDAE Cunliffe, 1958 ..... **Recent**

no fossil record

TARSOCHEYLIDAE Atyeo & Gaud, 1979 ..... **Recent**

no fossil record

THYSANOCERCIDAE Atyeo & Peterson, 1972 ..... **Recent**

no fossil record

TROUESSARTIIDAE Gaud, 1957 ..... **Recent**

no fossil record

TURBINOPTIDAE Fain, 1957 ..... **Recent**

no fossil record

XOLALGIDAE Dubinin, 1953 ..... **Recent**

no fossil record

SARCOPTOIDEA Murray, 1877 ..... **Neogene–Recent**

= PSOROPTIOIDEA Canestrini, 1892

ACAROPTIDAE Womersley, 1953 ..... **Recent**

no fossil record

ATOPOMELIDAE Gunter, 1942 ..... **Neogene–Recent**

?Apotomelidae sp. [originally as Listrophoridae in Poinar 1988] ..... Ne Dominican amber

AUDYCOPTIDAE Lavoipierre, 1964 ..... **Recent**

no fossil record

CHIRODISCIDAE Trouessart, 1892 ..... **Recent**

no fossil record

CHIRORHYNCHOBIIDAE Fain, 1967 ..... **Recent**

no fossil record

GALAGALIDAE Fain, 1963 ..... **Recent**

no fossil record

GASTRONYSSIDAE Fain, 1956 ..... **Recent**

no fossil record

LEMURNYSIIDAE Fain, 1957 ..... **Recent**

no fossil record

LISTROPHORIDAE Mégnin & Trouessart, 1884 ..... **Recent**

no fossil record

LOBALGIDAE Fain, 1965 ..... **Recent**

no fossil record

MYCOPTIDAE Gunther, 1942..... **Recent**

no fossil record

PSOROPTIDAE Canestrini, 1892 ..... **Recent**

no fossil record

PNEUMOCOPTIDAE Fain, 1957 ..... **Recent**

no fossil record

RHYNCOPTIDAE Lawrence, 1956 ..... **Recent**

no fossil record

SARCOPTIDAE Murray, 1877 ..... **Recent**

no fossil record

NOMINA DUBIA

1. *Acarus resinosus* Presl, 1822 ..... Pa Baltic amber
2. *Strieremaeus cordiformatus* Sellnick, 1919 [as *species inquirenda*] ..... Pa Baltic amber

NOMINA NUDA

1. *Erythraeus hirsutissimus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Gymnodamaeus kulczynskii* Petrunkevitch, 1955*a* ..... Pa Baltic amber
3. *Trombidium fossile* Keferstein, 1834 ..... Pa Aix-en-Provence?

MISIDENTIFICATIONS

1. *Limnochares antiquus* Heyden, 1862 [larval hemipteran insect] ..... Pa Rott, Germany

NON NAMES IN ZOOLOGY

Taxa assigned to living mite genera based on the fossil responses of plant tissue (galls); see discussion in Dunlop & Braddy (2011)

1. *Eriophyes daphnogene* Ambrus & Hably, 1979 [fossil gall] ..... Pa Hungary
2. *Eryophies* [*sic*] *vilarrubiae* Villalta, 1957 [fossil gall] ..... Ne Spain
3. *Phytopus antiquus* van Heyden, 1860 [fossil gall] ..... Ne Rott, Germany

c. 36,900 Recent species according to Hallan (2004)

RICINULEI

17 currently valid species of fossil ricinuleid

RICINULEI Thorell, 1876*c* ..... **Carbon. – Recent**

= RHINOGASTRA Cook, 1899

= PODOGONA Cook, 1899

† **PRIMORICINULEI Wunderlich, 2015*c* (suborder)** ..... **Cretaceous**

† **PRIMORICINULEIDAE Wunderlich, 2015*c*** ..... **Cretaceous**

† ***Primoricinuleus* Wunderlich, 2015*c*** ..... **Cretaceous**

1. *Primoricinuleus pugio* Wunderlich, 2015*c** ..... K Burmese amber

† **PALAEORICINULEI Selden, 1992 (suborder)** ..... **Carboniferous – ?Cret.**

NB: Wunderlich (2012*e*) treated Selden's two suborders as superfamilies.

Ricinulei indet. *in* Wunderlich (2012*e*) ..... K Burmese amber

† **CURCULIOIDIDAE Cockerell, 1916** ..... **Carboniferous**

† ***Amarixys* Selden, 1992** ..... **Carboniferous**

2. *Amarixys gracilis* (Petrunkevitch, 1945*a*) ..... C Mazon Creek
3. *Amarixys stellaris* Selden, 1992 ..... C Mazon Creek
4. *Amarixys sulcata* (Melander, 1903)* ..... C Mazon Creek

† ***Curculioides* Buckland, 1837** ..... **Carboniferous**

5. *Curculioides adompha* Brauckmann, 1987 ..... C Hagen-Vorhalle
6. *Curculioides ansticii* Buckland, 1837* ..... C Coalbrookdale
7. *Curculioides eltringhami* Petrunkevitch, 1949 ..... C Crawcrook
8. *Curculioides gigas* Selden, 1992 ..... C Mazon Creek
9. *Curculioides granulatus* Petrunkevitch, 1949 ..... C Ilkeston
10. *Curculioides mcluckiei* Selden, 1992 ..... C Mazon Creek
11. *Curculioides pococki* Selden, 1992 ..... C Coseley
12. *Curculioides scaber* (Scudder, 1890*b*) ..... C Mazon Creek

† **POLIOCHERIDAE Scudder, 1884** ..... **Carboniferous – ?Cret.**

† ***Poliochera* Scudder, 1884** ..... **Carboniferous – ?Cret.**

13. ?*Poliochera cretacea* Wunderlich, 2012*e* ..... K Burmese amber
14. *Poliochera gibbsi* Selden, 1992 ..... C Illinois
15. *Poliochera glabra* Petrunkevitch, 1913 ..... C Mazon Creek
16. *Poliochera punctulata* Scudder, 1884* ..... C Mazon Creek

† ***Terpsicroton* Selden, 1992** ..... **Carboniferous**

17. *Terpsicroton alticeps* Selden, 1992* ..... C Coseley

NEORICINULEI Selden, 1992 (suborder) ..... **Recent**

RICINOIDIDAE Ewing, 1929 ..... **Recent**

= CRYPTOSTEMMIDAE Westwood, 1874

no fossil record

NOMINA DUBIA

1. *Poliochera* / *Curculioides pustulatus* Laurentiaux-Viera & Laurentiaux, 1963 ..... C Kiaping

76 Recent species according to Fernández & Giribet (2015)

ARACHNIDA and/or PANTETRAPULMONATA *incertae sedis*

4 currently valid, unplaced fossil arachnid and/or tetrapulmonate species

- all four species below have been suggested as possible members of the so-called pantetrapulmonate arachnids; i.e. spiders and their closest relatives
- *Idmonarachne* was specifically proposed as a putative sister-group to spiders

† ***Ecchosis*** **Selden & Shear, 1991** ..... **Devonian**

1. *Ecchosis pulchribothrium* Selden & Shear *in* Selden *et al*. 1991* ..... D Gilboa

† ***Idmonarachne*** **Garwood, Dunlop, Selden, Spencer, Atwood, Vo & Drakopoulos, 2016** ..... **Devonian**

2. *Idmonarachne brasieri* Garwood, Dunlop, Selden, Spencer, Atwood, Vo & Drakopoulos, 2016* ..... C Montceau-les-Mines

† ***Saccogulus*** **Dunlop, Fayers, Hass & Kerp, 2006** ..... **Devonian**

3. *Saccogulus seldeni* Dunlop, Fayers, Hass & Kerp, 2006* ..... D Rhynie chert

† ***Xenarachne*** **Dunlop & Poschmann, 1997** ..... **Devonian**

4. *Xenarachne wilwerathensis* Dunlop & Poschmann, 1997* ..... D Willwerath

no Recent species

TRIGONOTARBIDA

69 currently valid species of fossil trigonotarbid

† **TRIGONOTARBIDA Petrunkevitch, 1949** ..... **Silurian – Permian**

= ANTHRACOMARTI Karsch, 1882

= MERIDOGASTRA Thorell & Lindström, 1885

= EURYMARTI Matthew, 1895

plesion genus

† ***Palaeotarbus*** **Dunlop, 1999** ..... **Silurian**

= † *Eotarbus* Dunlop, 1996 [preoccupied]

1. *Palaeotarbus jerami* (Dunlop, 1996)* ..... S Ludford Lane

† **PALAEOCHARINIDAE Hirst, 1923** ..... **Devonian**

† ***Aculeatarbus*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

2. *Aculeatarbus depressus* Shear, Selden & Rolfe, 1987* ..... D Gilboa

† ***Gelasinotarbus*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

3. *Gelasinotarbus bifidus* Shear, Selden & Rolfe, 1987 ..... D Gilboa
4. *Gelasinotarbus bonamoae* Shear, Selden & Rolfe, 1987* ..... D Gilboa
5. *Gelasinotarbus heptops* Shear, Selden & Rolfe, 1987 ..... D Gilboa
6. *Gelasinotarbus reticulatus* Shear, Selden & Rolfe, 1987 ..... D Gilboa

† ***Gigantocharinus*** **Shear, 2000** ..... **Devonian**

7. *Gigantocharinus szatmaryi* Shear, 2000* ..... D Red Hill, USA

† ***Gilboarachne*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

8. *Gilboarachne griersoni* Shear, Selden & Rolfe, 1987* ..... D Gilboa

† ***Palaeocharinus*** **Hirst, 1923** ..... **Devonian**

= † *Palaeocharinoides* Hirst, 1923

9. *Palaeocharinus calmani* Hirst, 1923 ..... D Rhynie cherts
10. *Palaeocharinus hornei* (Hirst, 1923) ..... D Rhynie cherts
11. *Palaeocharinus kidstoni* Hirst, 1923 ..... D Rhynie cherts
12. *Palaeocharinus rhyniensis* Hirst, 1923* ..... D Rhynie cherts
13. *Palaeocharinus scourfieldi* Hirst, 1923 ..... D Rhynie cherts
14. *Palaeocharinus tuberculatus* Fayers, Dunlop & Trewin, 2005 ..... D Rhynie cherts

† ***Spinocharinus*** **Poschmann & Dunlop, 2011** ..... **Devonian**

15. *Spinocharinus steinmeyeri* Poschman & Dunlop, 2011* ..... D Bürdenbach

† **ARCHAEOMARTIDAE Poschmann & Dunlop, 2010** ..... **Devonian**

† ***Archaeomartus*** **Størmer, 1970** ..... **Devonian**

16. *Archaeomartus levis* Størmer, 1970* ..... D Alken an der Mosel
    i. = *Archaeomartus tuberculatus* Størmer, 1970 ..... D Alken an der Mosel

† **ANTHRACOMARTIDAE Haase, 1890** ..... **Carboniferous**

= † PROMYGALIDAE Frič, 1904

= † BRACHYPYGIDAE Pocock, 1911

= † CORYPHOMARTIDAE Petrunkevitch, 1945

= † PLEOMARTIDAE Petrunkevitch, 1945

† ***Anthracomartus*** **Karsch, 1882** ..... **Carboniferous**

= † *Brachylycosa* Frič, 1904

= † *Cleptomartus* Petrunkevitch, 1949

= † *Coryphomartus* Petrunkevitch, 1945*a*

= † *Cryptomartus* Petrunkevitch, 1945*a*

= † *Oomartus* Petrunkevitch, 1953

= † *Perneria* Frič, 1904

= † *Pleomartus* Petrunkevitch, 1945*a*

= † *Promygale* Frič, 1901

17. *Anthracomartus bohemica* (Frič, 1901) ..... C Nýřany
18. *Anthracomartus carcinoides* (Frič, 1901) ..... C Nýřany
    i. = *Promygale rotundata* Frič, 1901 ..... C Nýřany
    ii. = *Perneria salticoides* Frič, 1904 ..... C ?Nýřany
19. *Anthracomartus elegans* Frič, 1901 ..... C Nýřany
20. *Anthracomartus hindi* Pocock, 1911 ..... C Coseley
    i. = *Cleptomartus hangardi* Guthörl, 1965 ..... C Saar, Germany
    ii. = *Cryptomartus meyeri* Guthörl, 1964 ..... C Aachen
    iii. = *Cleptomartus planus* Petrunkevitch, 1949 ..... C Coseley
    iv. = *Cryptomartus rebskei* Brauckmann, 1984 ..... C Saarbrücken
21. *Anthracomartus granulatus* Frič, 1904 ..... C Nowa Ruda
22. *Anthracomartus janae* (Opluštil, 1986) ..... C Kladno
23. *Anthracomartus kustae* Petrunkevitch, 1953 ..... C Rakovník
24. *Anthracomartus minor* Kušta, 1884 ..... C Rakovník
    i. = *Anthracomartus socius* Kušta, 1888 ..... C Rakovník
25. *Anthracomartus nyranensis* (Petrunkevitch, 1953) ..... C Nýřany
26. *Anthracomartus palatinus* Ammon, 1901 ..... C Brücken, Germany
27. *Anthracomartus preisti* Pocock, 1911 ..... C Coseley
    i. = *Anthracomartus denuiti* Pruvost, 1922 ..... C Charleroi
    ii. = *Cleptomartus plautus* Petrunkevitch, 1949 ..... C Coseley
28. *Anthracomartus radvanicensis* (Opluštil, 1985) ..... C Radvanice
29. *Anthracomartus triangularis* Petrunkevitch, 1913 ..... C Joggins
30. *Anthracomartus trilobitus* Scudder, 1884 ..... C Fayetteville
31. *Anthracomartus voelkelianus* Karsch, 1882* ..... C Europe

    Anthracomartus sp. *in* Wright & Selden (2011) ..... C Kansas

† ***Brachypyge*** **Woodward, 1878*b*** ..... **Carboniferous**

32. *Brachypyge carbonis* Woodward, 1878*b** ..... C Mons

† ***Maiocercus*** **Pocock, 1911** ..... **Carboniferous**

33. *Maiocercus celticus* (Pocock, 1902)* ..... C Coal Measures

i. = *Maiocercus orbicularis* Gill, 1911 ..... C Westhoughton

† **ANTHRACOSIRONIDAE Pocock, 1903*a*** ..... **Devonian – Carbon.**

† ***Anthracosiro*** **Pocock, 1903*a*** ..... **Carboniferous**

34. *Anthracosiro fritschii* Pocock, 1903*b* ..... C Coseley

i. = *Anthracosiro elongatus* Waterlot, 1934 ..... C Marlebach, France

35. *Anthracosiro woodwardi* Pocock, 1903*a** ..... C Coal Measues

i. = *Anthracosiro corsini* Pruvost, 1926 ..... C Noeux, France

ii. = *Anthracosiro latipes* Gill, 1909 ..... C Ryton-on-Tyne, UK

† ***Arianrhoda*** **Dunlop & Selden, 2004** ..... **Devonian**

36. *Arianrhoda bennetti* Dunlop & Selden, 2004* ..... D Tredomen

† ***Vratislavia*** **Frič, 1904** ..... **Carboniferous**

37. *Vratislavia silesica* (Roemer, 1878)* ..... C Silesia

† **TRIGONOTARBIDAE Petrunkevitch, 1949** ..... **Devonian – Carbon.**

† ***Trigonotarbus*** **Pocock, 1911** ..... **Devonian – Carbon.**

38. *Trigonotarbus arnoldi* Petrunkevitch, 1955*b* ..... C Decazeville

39. *Trigonotarbus johnsoni* Pocock, 1911* ..... C Coseley

40. *Trigonotarbus stoermeri* Schultka, 1991 ..... D Rheinischen Schief.

Family uncertain

† ***Aenigmatarbus*** **Poschmann, Dunlop, Bértoux & Galtier, 2016** ..... **Carboniferous**

41. *Aenigmatarbus rastelli* Poschmann, Dunlop, Bértoux & Galtier, 2016* .. C Graissessac, France

† ***Namurotarbus*** **Poschmann & Dunlop, 2010** ..... **Carboniferous**

42. *Namurotarbus roessleri* (Dunlop & Brauckmann, 2006)* ..... C Hagen-Vorhalle

† ***Permotarbus*** **Dunlop & Rößler, 2013** ..... **Permian**

43. *Permotarbus schuberti* Dunlop & Rößler, 2013 ..... P Chemnitz

† ***Tynecotarbus*** **Hradská & Dunlop, 2013** ..... **Carboniferous**

44. *Tynecotarbus tichaveki* Hradská & Dunlop, 2013 ..... C Týnec

† **LISSOMARTIDAE Dunlop, 1995** ..... **Carboniferous**

† ***Lissomartus*** **Petrunkevitch, 1949** ..... **Carboniferous**

45. *Lissomartus carbonarius* (Petrunkevitch, 1913) ..... C Mazon Creek

46. *Lissomartus schucherti* (Petrunkevitch, 1913)* ..... C Mazon Creek

† **APHANTOMARTIDAE Petrunkevitch, 1945*a*** ..... **Devonian – Permian**

= † TRIGONOMARTIDAE Petrunkevitch, 1949

† ***Alkenia*** **Størmer, 1970** ..... **Devonian**

47. *Alkenia mirabilis* Størmer, 1970* ..... D Alken an der Mosel

† ***Aphantomartus*** **Pocock, 1911** ..... **Carbon. – Permian**

= † *Trigonomartus* Petrunkevitch, 1913

= † *Phrynomartus* Petrunkevitch, 1945*a*

48. *Aphantomartus areolatus* Pocock, 1911* ..... C–P Coal Measues
    i. = *Aphantomartus pococki* Pruvost, 1912 ..... C Anzin, France
    ii. = *Trigonomartus dorlodoti* Pruvost, 1930 ..... C Rien, France
    iii. = *Eophrynus waechteri* Guthörl, 1938 ..... C Saar
    iv. = ?*Trigonomartus pruvosti* van der Heide, 1951 ..... C Limbourg
    v. = ?*Brachylycosa manebachensis* Müller, 1957 ..... C Rotliegenden
49. *Aphantomartus ilfeldicus* (Scharf, 1924) ..... P Rotliegend
50. *Aphantomartus pustulatus* (Scudder, 1884) ..... C Coal Measures
    i. = ?*Kreischeria villeti* Pruvost, 1912 ..... C Pas de Calais
    ii. = *Cleptomartus plötzensis* Simon, 1971 ..... C Halleschen Mulde

† **KREISCHERIIDAE Haase, 1890** ..... **Carboniferous**

† ***Anzinia* Petrunkevitch, 1953** ..... **Carboniferous**

51. *Anzinia thevenini* (Pruvost, 1919)* ..... C Anzin

† ***Gondwanarache* Pinto & Hünicken, 1980** ..... **Carboniferous**

52. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* ..... C Bajo de Véliz

† ***Hemikreischeria* Frič, 1904** ..... **Carboniferous**

53. *Hemikreischeria geinitzi* (Thevenin, 1902)* ..... C France

† ***Kreischeria* Geinitz, 1882** ..... **Carboniferous**

54. *Kreischeria wiedei* Geinitz, 1882* ..... C Zwickau

† ***Pseudokreischeria* Petrunkevitch, 1953** ..... **Carboniferous**

55. *Pseudokreischeria pococki* (Gill, 1924) ..... C Crawcrook
    i. = *Eophrynus varius* Petrunkevitch, 1949 ..... C Crawcrook

† **EOPHRYNIDAE Karsch, 1882** ..... **Carboniferous**

= † HEMIPHRYNIDAE Frič, 1904

† ***Eophrynus* Woodward, 1871*b*** ..... **Carboniferous**

56. *Eophrynus prestvicii* (Buckland, 1837)* ..... C Coalbrookdale
57. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 ..... C Hagen-Vorhalle

† ***Nyranytarbus* Harvey & Selden, 1995** ..... **Carboniferous**

= † *Hemiphrynus* Frič, 1901 [preoccupied]

58. *Nyranytarbus hofmanni* (Frič, 1901) ..... C Nýřany
59. *Nyranytarbus longipes* (Frič, 1901)* ..... C Nýřany

† ***Petrovicia* Frič, 1904** ..... **Carboniferous**

60. *Petrovicia proditoria* Frič, 1904* ..... C Petrovice

† ***Planomartus* Petrunkevitch, 1953** ..... **Carboniferous**

61. *Planomartus krejcii* (Kušta, 1883)* ..... C Rakovník
    i. = *Anthracomartus affinis* Kušta, 1885 ..... C Rakovník

† ***Pleophrynus* Petrunkevitch, 1945*a*** ..... **Carboniferous**

62. *Pleophrynus verrucosus* (Pocock, 1911) ..... C Coal Measures

i. = *Eophrynus warei* Dix & Pringle, 1930 ..... C Glyncoch, UK
ii. = *Pleophrynus ensifer* Petrunkevitch, 1945*a** ..... C Mazon Creek
iii. = *Eophrynus jugatus* Ambrose & Romano, 1972 ..... C Kilmersdon, UK

63. *Pleophrynus hawsei* Dunlop, Wang, Selden & Krautz, 2014..... C Kinney Brick Quarry

† ***Pocononia*** **Petrunkevitch, 1953** ..... **Carboniferous**

64. *Pocononia whitei* (Ewing, 1930)* ..... C Pocono Shales

† ***Somaspidion*** **Jux, 1982** ..... **Carboniferous**

65. *Somaspidion hammapheron* Jux, 1982* ..... C Dinslaken

† ***Stenotrogulus*** **Frič, 1904** ..... **Carboniferous**

= † *Cyclotrogulus* Frič, 1904
= † *Pseudoeophrynus* Příbyl, 1958

66. *Stenotrogulus salmii* (Stur, 1877)* ..... C Ostrava
i. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] ..... C Ostrava
ii. = *Pseudoeophrynus ostraviensis* Příbyl, 1958 ..... C Ostrava

TRIGONOTARBIDA *incertae sedis*

† ***Anthracophrynus*** **Andrée, 1913** ..... **Carboniferous**

67. *Anthracophrynus tuberculatus* Andrée, 1913* ..... C Dudweiler

† ***Areomartus*** **Petrunkevitch, 1913** ..... **Carboniferous**

68. *Areomartus ovatus* Petrunkevitch, 1913* ..... C West Virginia

† **‘*Eophrynus*’**

69. ‘*Eophrynus*’ *scharfi* Scharf, 1924 ..... P Rotliegend

NOMINA DUBIA

1. *Anthracomartus buchi* (Goldenberg, 1873) ..... C Saarbrücken
2. *Anthracomartus hageni* (Goldenberg, 1873) ..... C Saarbrücken
3. *Elaverimartus pococki* Petrunkevitch, 1953 ..... C Ellismuir
   i. = *Palaeophalangium Scoticum* Peach *in* Murdoch, 1893 [*nomen nudum*]
4. *Eurymartus latus* Matthew, 1895 ..... C Fern Ledges
5. ?*Eurymartus spinulosus* Matthew, 1895 ..... C Fern Ledges
6. *Trigonomartus woodruffi* (Scudder, 1893) ..... C Rhode Island

no Recent species

URARANEIDA

2 currently valid species of uraraneid

- The uraraneids were previously interpreted as true spiders (Araneae), but are now thought to be a more basal lineage which produced silk but lacked spinnerets.
- Wunderlich (2015*b*) suggested that Uraraneida should be treated as suborder of Araneae, alongside an Araneida group for all true spiders.

† **URARANEIDA Selden & Shear *in* Selden *et al*., 2008** ……..... **Devonian – Permian**

FAMILY UNCERTAIN

† ***Attercopus* Selden & Shear *in* Selden *et al*. (1991)** ……..…….. **Devonian**

1. *Attercopus fimbriunguis* (Shear, Selden & Rolfe, 1987)* …..…….. D Gilboa, New York

† **PERMARACHNIDAE Eskov & Selden, 2005** ……..……..…… **Permian**

† ***Permarachne* Eskov & Selden, 2005** ……..…… **Permian**

2. *Permarachne novokshonovi* Eskov & Selden, 2005* ……..……..…… P Matveyevka

ARANEAE

1,270 currently valid species of fossil spider

ARANEAE Clerck, 1757 ..... **Carbon. – Recent**

'mesotheles' ..... **Carbon. – Recent**

† **ARTHROLYCOSIDAE Frič, 1904** ..... **Carboniferous**

† ***Arthrolycosa*** **Harger, 1874** ..... **Carbon. – Permian**

1. *Arthrolycosa antiqua* Harger, 1874* ..... C Mazon Creek
2. *Arthrolycosa danielsi* Petrunkevitch, 1913 ..... C Mazon Creek

Arthrolycosa sp. *in* Eskov & Selden (2005) ..... P Kityak river

Arthrolycosa sp. *in* Selden *et al*. (2014) ..... C Chunya, Russia

Arthrolycosa sp. *in* Selden *et al*. (2014) ..... C Donets Basin

† ***Eocteniza*** **Pocock, 1911** ..... **Carboniferous**

3. *Eocteniza silvicola* Pocock, 1911* ..... C Coseley

† **ARTHROMYGALIDAE Petrunkevitch, 1923** ..... **Carboniferous**

† ***Arthromygale*** **Petrunkevitch, 1923** ..... **Carboniferous**

4. *Arthromygale fortis* (Frič, 1904)* ..... C Rakovník

i. = *Arthrolycosa beecheri* Frič, 1904 ..... C Rakovník

† ***Eolycosa*** **Kušta, 1885** ..... **Carboniferous**

5. *Eolycosa lorenzi* Kušta, 1885* ..... C Rakovník

† ***Geralycosa*** **Kušta, 1888** ..... **Carboniferous**

6. *Geralycosa fritschi* Kušta, 1888* ..... C Rakovník

† ***Kustaria*** **Petrunkevitch, 1953** ..... **Carboniferous**

= † *Scudderia* Kušta, 1888 [preoccupied]

7. *Kustaria carbonaria* (Kušta, 1888)* ..... C Rakovník

† ***Palaranea*** **Frič, 1873** ..... **Carboniferous**

8. *Palaranea borassifoliae* Frič, 1873* ..... C Czech Republic

† ***Protocteniza*** **Petrunkevitch, 1949** ..... **Carboniferous**

9. *Protocteniza britannica* Petrunkevitch, 1949* ..... C Coseley

† ***Protolycosa*** **Roemer, 1866** ..... **Carboniferous**

10. *Protolycosa anthracophilia* Roemer, 1866* ..... C Silesia
11. *Protolycosa cebennensis* Laurentiaux-Viera & Laurentiaux, 1963 ..... C Cévennes, France

† ***Rakovnicia*** **Kušta, 1884*a*** ..... **Carboniferous**

12. *Rakovnicia antiqua* Kušta, 1884*a** ..... C Rakovník

† **PYRITARANEIDAE Petrunkevitch, 1953** ..... **Carboniferous**

† ***Dinopilio*** **Frič, 1904** ..... **Carboniferous**

13. *Dinopilio gigas* Frič, 1904* ..... C Rakovník

14. *Dinopilo parvus* Petrunkevitch, 1953 ..... C Kent, UK

† ***Pyritaranea*** **Frič, 1901** ..... **Carboniferous**

15. *Pyritaranea tubifera* Frič, 1901* ..... C Nýřany

MESOTHELAE Pocock, 1892 ..... Carbon. – Recent

plesion genus

† ***Palaeothele*** **Selden, 2000** ..... **Carboniferous**

= † *Eothele* Selden, 1996 [preoccupied]

16. *Palaeothele montceauensis* (Selden, 1996)* ..... C Montceau-les-Mines

LIPHISTIIDAE Pocock, 1892 ..... **Cretaceous – Recent**

= HEPTATHELIDAE Haupt, 1983

† ***Cretaceothele*** **Wunderlich, 2015*b*** ..... **Cretaceous**

17. *Cretaceothele lata* Wunderlich, 2015*b** ..... K Burmese amber

OPISTHOTHELAE Pocock, 1892 ..... Triassic – Recent

Opisthothelae *incertae sedis*

† ***Eoatypus*** **McCook, 1888** ..... **Palaeogene**

18. *Eoatypus woodwardii* McCook, 1888* ..... Pa Isle of Wight

MYGALOMORPHAE Pocock, 1892 ..... Triassic – Recent

Mygalomorpha indet. 1–3 *in* Wunderlich (2008*d*) ..... K Burmese amber

Mygalomorpha indet. 1–2 *in* Wunderlich (2015*b*) ..... K Burmese amber

ATYPOIDEA Thorell, 1870*a* ..... **Triassic – Recent**

† ***Friularachne*** **Dalla Vecchia & Selden, 2013** ..... **Triassic**

19. *Friularachne rigoi* Dalla Vecchia & Selden, 2013* ..... Tr Friurli, Italy

ATYPIDAE Thorell, 1870*a* ..... **Cretaceous – Recent**

= CALOMMATOIDAE Thorell, 1887

?Atypidae indet. *In* Wunderlich, 2015*b* ..... K Burmese amber

† ***Ambiortiphagus*** **Eskov & Zonstein, 1990** ..... **Cretaceous**

20. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990* ..... K Central Mongolia

† ***Balticatypus*** **Wunderlich, 2011*h*** ..... **Palaeogene**

21. *Balticatypus beigeli* Wunderlich, 2011*h* ..... Pa Baltic amber

22. *Balticatypus juvenis* Wunderlich, 2011*h** ..... Pa Baltic amber

23. *Balticatypus spinosus* Wunderlich, 2011*h* ..... Pa Baltic amber

ANTRODIAETIDAE Gertsch *in* Comstock, 1940 ..... **Cretaceous – Recent**

= BRACHYBOTHRIDAE Simon, 1892

= ACCATYMIDAE Kishida, 1930

† ***Cretacattyma*** **Eskov & Zonstein, 1990** ..... **Cretaceous**

24. *Cretacattyma raveni* Eskov & Zonstein, 1990* ..... K Central Mongolia

MECICOBOTHRIIDAE Holmberg, 1882 ..... **Cretaceous – Recent**

= HEXURIDAE Simon, 1889*b*

† ***Cretohexura*** **Eskov & Zonstein, 1990** ..... **Cretaceous**

25. *Cretohexura coylei* Eskov & Zonstein, 1990* ..... K Transbaikalia

† ***Cretomegahexura*** **Eskov & Zonstein, 1990** ..... **Cretaceous**

26. *Cretomegahexura platnicki* Eskov & Zonstein, 1990* ..... K Central Mongolia

HEXATHELIDAE Simon, 1892*b* ..... **Triassic – Recent**

† ***Rosamygale*** **Selden & Gall, 1992** ..... **Triassic**

27. *Rosamygale grauvogeli* Selden & Gall, 1992* ..... Tr Vosges, France

DIPLURIDAE Simon, 1889*b* ..... **Triassic – Recent**

Dipluridae sp. 1–3 *in* Wunderlich (2004*a*) ..... Pa Baltic amber

Dipluridae sp. *in* Wunderlich (2004*a*) ..... Ne Dominican amber

Dipluridae indet. *in* Wunderlich (2012*d*) ..... K Burmese amber

Dipluridae indet. *in* Wunderlich (2015*b*) ..... K Burmese amber

† ***Clostes*** **Menge, 1869** ..... **Palaeogene**

28. *Clostes priscus* Menge, 1869* ..... Pa Baltic / Bitt. amber

† ***Cretadiplura*** **Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

29. *Cretadiplura ceara* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

† ***Dinodiplura*** **Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

30. *Dinodiplura ambulacra* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

† ***Edwa*** **Raven, Jell & Knezour, 2015** ..... **Triassic**

31. *Edwa maryae* Raven, Jell & Knezour, 2015* ..... Tr Qnslnd., Australia

Ischnothele **Ausserer, 1875** ..... **?Neogene – Recent**

?*Ischnothele* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Masteria **L. Koch, 1873** ..... **Neogene – Recent**

= † *Microsteria* Wunderlich, 1988

32. *Masteria sexoculata* (Wunderlich, 1988) ..... Ne Dominican amber

?Masteria sp. *in* Schawaller (1982*c*: as ?*Ischnothele*) ..... Ne Dominican amber

† ***Phyxioschemoides*** **Wunderlich, 2015*b*** ..... **Cretaceous**

33. *Phyxioschemoides collembola* Wunderlich, 2015*b** ..... K Burmese amber

† ***Seldischnoplura*** **Raven, Jell & Knezour, 2015** ..... **Cretaceous**

34. *Seldischnoplura seldeni* Raven, Jell & Knezour, 2015* ..... K Crato Formation

† **FOSSILCALCARIDAE Wunderlich, 2015*b*** ..... **Cretaceous**

† ***Fossilcalcar*** **Wunderlich, 2015*b*** ..... **Cretaceous**

35. *Fossilcalcar praeteritus* Wunderlich, 2015*b**..... K Burmese amber

CYRTAUCHENIIDAE Simon, 1892*b* ..... **Neogene – Recent**

***Bolostromus* Ausserer, 1875** ..... **Neogene – Recent**

36. *Bolostromus destructus* Wunderlich, 1988 ..... Ne Dominican amber

CTENIZIDAE Thorell, 1887 ..... **Palaeogene – Recent**

= HALONOPROCTIDAE Pocock, 1903

† ***Baltocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

37. *Baltocteniza kulickae* Eskov & Zonstein, 2000 ..... Pa Baltic amber

† ***Electrocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

38. *Electrocteniza sadilenkoi* Eskov & Zonstein, 2000 ..... Pa Baltic amber

***Ummidia* Thorell, 1875** ..... **Palaeogene – Recent**

39. *Ummidia damzeni* Wunderlich, 2000 ..... Pa Baltic amber

40. *Ummidia malinowskii* Wunderlich, 2000 ..... Pa Baltic amber

Ummidia sp. *in* Wunderlich (2004*a*) ..... Pa Baltic amber

?Ummidia sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

EUCTENIZIDAE Raven, 1985 ..... **Recent**

no fossil record

IDIOPIDAE Simon, 1892*b* ..... **Recent**

no fossil record

ACTINOPODIDAE Simon, 1892*b* ..... **Recent**

= ERIODONTIDAE C. L. Koch & Berendt, 1854

[based on a generic synonym; listed in Bonnet as syn. of Clubionidae!]

no fossil record

MIGIDAE Simon, 1892*b* ..... **Recent**

no fossil record

NEMESIIDAE Simon, 1892*b* ..... **Cretaceous – Recent**

= PYCNOTHELIDAE Chamberlin, 1917

† ***Cretamygale* Selden, 2002** ..... **Cretaceous**

41. *Cretamygale chasei* Selden, 2002* ..... K Isle of Wight

† ***Eodiplurina* Petrunkevitch, 1922** ..... **Palaeogene**

[NB: Selden (2001) questioned this familial placement based on claw structure]

42. *Eodiplurina cockerelli* Petrunkevitch, 1922* ..... Pa Florissant

MICROSTIGMATIDAE Roewer, 1942 ..... **Neogene – Recent**

= MICROMYGALIDAE Wunderlich, 2004*b*

† ***Parvomygale* Wunderlich, 2004*b*** ..... **Neogene**

43. *Parvomygale distincta* Wunderlich, 2004*b** ..... Ne Dominican amber

BARYCHELIDAE Simon, 1889*b* ..... **Neogene – Recent**

Psalistops* Simon, 1889*b ..... **Neogene – Recent**

44. *Psalistops hispaniolensis* Wunderlich, 1988* ..... Ne Dominican amber

THERAPHOSIDAE Thorell, 1870*a* ..... **Neogene – Recent**

= AVICULARIIDAE Simon, 1874

Theraphosidae gen. et sp. indet. *in* Dunlop *et al.* (2008) ..... Ne Chiapas amber

***Hemirraghus* Simon, 1903** ..... **Neogene – Recent**

Hemirraghus sp. *in* García-Villafuerte (2008) ..... Ne Chiapas amber

† ***Ischnocolinopsis* Wunderlich, 1988** ..... **Neogene**

45. *Ischnocolinopsis acutus* Wunderlich, 1988* ..... Ne Dominican amber

PARATROPIDIDAE Simon, 1889*a* ..... **Recent**

no fossil record

ARANEOMORPHAE Smith, 1902 ..... Triassic – Recent

ARANEOMORPHAE indet.

† ***Argyrarachne* Selden *in* Selden *et al*., 1999** ..... **Triassic**

46. *Argyrarachne solitus* Selden *in* Selden *et al*., 1999* ..... Tr Virginia

† ***Triassaraneus* Selden *in* Selden *et al*., 1999** ..... **Triassic**

47. *Triassaraneus andersonorum* Selden *in* Selden *et al*., 1999* ..... Tr KwaZulu-Natal

HYPOCHILIDAE Marx, 1888 ..... **Recent**

= ECTATOSTICTIDAE Lehtinen, 1967

no fossil record

AUSTROCHILOIDEA Zapfe, 1955 ..... **Recent**

AUSTROCHILIDAE Zapfe, 1955 ..... **Recent**

= THAIDIDAE Lehtinen, 1967

= HICKMANIIDAE Lehtinen, 1967

no fossil record

GRADUNGULIDAE Forster, 1955 ..... **Recent**

no fossil record

ARANEOCLADA Platnick, 1977 ..... **Triassic – Recent**

HAPLOGYNAE Simon, 1893 ..... **Jurassic – Recent**

FILISTATIDAE Ausserer, 1867 ..... **Neogene – Recent**

***Misionella* Ramírez & Grismado, 1997** ..... **Neogene – Recent**

48. *Misionella didicostae* Penney, 2005*a* ..... Ne Dominican amber

SICARIIDAE Keyserling, 1880*a* ..... **Neogene – Recent**

= LOXOSCELIDAE Simon, 1893

***Loxosceles* Heineken & Lowe, 1832** ..... **Neogene – Recent**

49. *Loxosceles aculicaput* Wunderlich, 2004*c* ..... Ne Dominican amber
50. *Loxosceles defecta* Wunderlich, 1988 ..... Ne Dominican amber
51. *Loxosceles deformis* Wunderlich, 1988 ..... Ne Dominican amber

Loxosceles sp. *in* Wunderlich (1988) ..... Ne Dominican amber

SCYTODIDAE Blackwall, 1864 ..... **Cretaceous – Recent**

Syctodidae sp. 1–2 *in* Wunderlich (2004*b*) ..... Pa Bitterfeld amber

***Scytodes* Latreille, 1804a** ..... **?Cretaceous – Recent**

52. ?*Scytodes hani* Wunderlich, 2012*d* ..... K Jordanian amber
53. *Scytodes marginalis* Wunderlich, 2004*as* ..... Qt Madagascan copal
54. *Scytodes piliformis* Wunderlich, 1988 ..... Ne Dominican amber
55. *Scytodes planithorax* Wunderlich, 1988 ..... Ne Dominican amber
56. *Scytodes stridulans* Wunderlich, 1988 ..... Ne Dominican amber
57. *Scytodes weitschati* Wunderlich, 1993*a* ..... Pa Baltic amber

Scytodes sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Scytodes sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

PERIEGOPIDAE Simon, 1893 ..... **Recent**

no fossil record

DRYMUSIDAE Simon, 1893 ..... **Recent**

no fossil record

† **PRAETERLEPTONETIDAE Wunderlich 2008*d*** ..... **Cretaceous**

Praeterleptonetidae indet. *in* Wunderlich (2008*d*) ..... K Burmese amber

?Praeterleptonetidae indet. *in* Wunderlich 2015*b* ..... K Burmese amber

† ***Autotomiana* Wunderlich, 2015*b*** ..... **Cretaceous**

58. *Autotomiana hirsutipes* Wunderlich, 2015*b** ..... K Burmese amber

?Autotomiana sp. indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Biapophyses* Wunderlich, 2015*b*** ..... **Cretaceous**

59. *Biapophyses beate* Wunderlich, 2015*b** ..... K Burmese amber

† ***Crassitibia* Wunderlich, 2015*b*** ..... **Cretaceous**

60. *Crassitibia longispina* Wunderlich, 2015*b** ..... K Burmese amber
61. *Crassitibia tenuimana* Wunderlich, 2015*b* ..... K Burmese amber

† ***Curvitibia* Wunderlich, 2015*b*** ..... **Cretaceous**

62. *Curvitibia curima* Wunderlich, 2015*b**. ..... K Burmese amber

† ***Groehnianus* Wunderlich, 2015*b*** ..... **Cretaceous**

63. *Groehnianus burmensis* Wunderlich, 2015*b** ..... K Burmese amber

† ***Hypotheridiosoma* Wunderlich, 2012*d*** ..... **Cretaceous**

64. *Hypotheridiosoma falcata* Wunderlich, 2015*b* ..... K Burmese amber

65. *Hypotheridiosoma paracymbium* Wunderlich, 2012*d** ..... K Burmese amber

† ***Palaeohygropoda* Penney, 2004*c*** ..... **Cretaceous**

66. *Palaeohygropoda myanmarensis* Penney, 2004*c** ..... K Burmese amber

† ***Parvispina* Wunderlich, 2015*b*** ..... **Cretaceous**

67. *Parvispina tibialis* (Wunderlich, 2011*i*)* ..... K Burmese amber

† ***Praeterleptoneta* Wunderlich, 2008*d*** ..... **Cretaceous**

68. *Praeterleptoneta spinipes* Wunderlich, 2008*d** ..... K Burmese amber

† ***Spinipalpitibia* Wunderlich, 2015*b*** ..... **Cretaceous**

69. *Spinipalpitibia maior* Wunderlich, 2015*b** ..... K Burmese amber

† **PHOLCOCHYROCERIDAE Wunderlich, 2008*d* (n. stat. 2012*d*)** ..... **Cretaceous**

† ***Pholcochyrocer* Wunderlich, 2008*d*** ..... **Cretaceous**

70. *?Pholcochyrocer baculum* Wunderlich, 2012*d* ..... K Burmese amber

71. *Pholcochyrocer guttulaequae* Wunderlich, 2008*d** ..... K Burmese amber

72. *Pholcochyrocer pecten* Wunderlich, 2012*d* ..... K Burmese amber

† ***Spinicreber* Wunderlich, 2015*b*** ..... **Cretaceous**

73. *Spinicreber antiquus* Wunderlich, 2015*b** ..... K Burmese amber

† ***Spinipalpus* Wunderlich, 2015*b*** ..... **Cretaceous**

74. *Spinipalpus vetus* Wunderlich, 2015*b** ..... K Burmese amber

LEPTONETIDAE Simon, 1890 ..... **Cretaceous – Recent**

† ***Eoleptoneta* Wunderlich, 1991** ..... **Palaeogene**

75. *Eoleptoneta curvata* Wunderlich, 2004*c* ..... Pa Bitterfeld amber

76. *Eoleptoneta duocalcar* Wunderlich, 2004*c* ..... Pa Baltic amber

77. *Eoleptoneta kutscheri* Wunderlich, 1991* ..... Pa Bitterfeld amber

78. *Eoleptoneta multispinae* Wunderlich, 2011*h* ..... Pa Baltic amber

79. *Eoleptoneta pseudoarticulata* Wunderlich, 2011*h* ..... Pa Baltic amber

80. *Eoleptoneta similis* Wunderlich, 2004*c* ..... Pa Baltic amber

† ***Oligoleptoneta* Wunderlich 2004*c*** ..... **Palaeogene**

81. *Oligoleptoneta altoculus* Wunderlich 2004*c** ..... Pa Baltic amber

82. *Oligoleptoneta cymbiospina* Wunderlich, 2011*h* ..... Pa Baltic amber

† ***Palaeoleptoneta* Wunderlich 2012*d*** ..... **Cretaceous**

83. *Paleoleptoneta calcar* Wunderlich, 2012*d** ..... K Burmese amber

TELEMIDAE Fage, 1913 ..... **Palaeogene – Recent**

***Telema* Simon, 1882** ..... **Palaeogene – Recent**

84. *?Telema moritzi* Wunderlich, 2004*c* ..... Pa Baltic / Bitt. amber

† EOPSILODERCIDAE Wunderlich, 2008*d*

NB: Wunderlich (2012*d*) recognised this as a junior synonym of a family Psilodercidae, but Wunderlich (2015*b*) subsequently reinstated the family

† ***Eopsiloderces* Wunderlich, 2008*d*** ..... **Cretaceous**

85. *Eopsiloderces loxosceloides* Wunderlich, 2008*d** ..... K Burmese amber
86. *Eopsiloderces serenitas* Wunderlich, 2015*b* ..... K Burmese amber

Eopsiloderces sp. indet. *in* Wunderlich (2015*b*) ..... K Burmese amber

OCHYROCERATIDAE Fage, 1912 *s. l.* [incl. PSILODERCINAE] ..... **Cretaceous – Recent**

NB: Wunderlich (2015*b*) recognised Psilodercidae as a distinct family.

?Eopsilodercidae indet. 1–3 *in* Wunderlich (2008*d*) ..... K Burmese amber

† ***Arachnolithulus* Wunderlich, 1988** ..... **Neogene**

87. *Arachnolithulus longipes* Wunderlich, 2004*c* ..... Ne Dominican amber
88. *Arachnolithulus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

?*Arachnolithulus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Furcembolus* Wunderlich, 2008*d*** ..... **Cretaceous**

89. *Furcembolus andersoni* Wunderlich, 2008*d* ..... K Burmese amber

***Leclercera* Deeleman-Reinhold, 1995** ..... **Cretaceous – Recent**

90. *Leclercera ellenbergeri* Wunderlich, 2015*b* ..... K Burmese amber
91. *Leclercera longissipes* Wunderlich, 2012*d* ..... K Burmese amber
92. *Leclercera sexaculeata* Wunderlich, 2015*b* ..... K Burmese amber
93. *Leclercera spicula* Wunderlich, 2012*d* ..... K Burmese amber

Leclercera sp. indet. *in* (Wunderlich, 2015*b*) ..... K Burmese amber

† ***Propterpsiloderces* Wunderlich, 2015*b*** ..... **Cretaceous**

94. *Propterpsiloderces longisetae* Wunderlich, 2015*b** ..... K Burmese amber

***Psiloderces* Simon, 1892** ..... **?Cretaceous – Recent**

95. ?*Psiloderces filiformis* Wunderlich, 2012*d* ..... K Burmese amber

PHOLCIDAE C. L. Koch, 1851 ..... **Palaeogene – Recent**

Pholcidae sp. 1–2 *in* Wunderlich (2004*b*) ..... Pa Baltic amber

Pholcidae sp. *in* Wunderlich (2004*au*) ..... Pa Fu Shun amber

***Coryssocnemis* Simon, 1893** ..... **Neogene – Recent**

96. ?*Coryssocnemis velteni* Wunderlich, 2004*c* ..... Ne Dominican amber

***Leptopholcus* Simon, 1893** ..... **Neogene**

97. *Leptopholcus kiskeya* Huber & Wunderlich, 2006 ..... Ne Dominican amber

***Modisimus* Simon, 1893** ..... **Neogene – Recent**

98. *Modisimus calcar* Wunderlich, 1988 ..... Ne Dominican amber
99. *Modisimus calcaroides* Wunderlich, 1988 ..... Ne Dominican amber
100. *Modisimus crassifemoralis* Wunderlich, 1988 ..... Ne Dominican amber
101. *Modisimus oculatus* Wunderlich, 1988 ..... Ne Dominican amber
102. *Modisimus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber

Modisimus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Paraspermophora* Wunderlich, 2004c** ..... **Palaeogene**

103. *Paraspermophora bitterfeldensis* Wunderlich, 2004*c* ..... Pa Bitterfeld amber

104. *Paraspermophora perplexa* Wunderlich, 2004*c** ..... Pa Baltic amber

Paraspermophora sp. *in* Wunderlich (2004*c,* 2011*h*) ..... Pa Baltic / Bitt. amber

***Pholcophora* Banks, 1896** ..... **Neogene – Recent**

105. *Pholcophora brevipes* Wunderlich, 1988 ..... Ne Dominican amber

106. *Pholcophora gracilis* Wunderlich, 1988 ..... Ne Dominican amber

107. *Pholcophora longicornis* Wunderlich, 1988 ..... Ne Dominican amber

***Quamtana* Huber, 2003** ..... **Palaeogene – Recent**

108. *Quamtana huberi* Penney, 2007*a* ..... Pa Le Quesnoy amber

† ***Serratochorus* Wunderlich, 1988** ..... **Neogene**

109. *Serratochorus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

PLECTREURIDAE Simon, 1893 ..... **Jurassic – Recent**

† ***Eoplectreurys* Selden & Huang, 2010** ..... **Jurassic**

110. *Eoplectreurys gertschi* Selden & Huang, 2010* ..... J Daohugou

† ***Montsecarachne* Selden, 2014*a*** ..... **Cretaceous**

111. *Montsecarachne amicorum* Selden, 2014*a** ..... K El Montsec

NB: Erroneously cited as *amicus* in the abstract.

† ***Palaeoplectreurys* Wunderlich, 2004c** ..... **Palaeogene**

112. *Palaeoplectreurys baltica* Wunderlich, 2004*c** ..... Pa Baltic amber

***Plectreurys* Simon, 1893** ..... **Neogene – Recent**

113. *Plectreurys pittfieldi* Penney, 2009 ..... Ne Dominican amber

DIGUETIDAE F. O. P.-Cambridge, 1899 ..... **Recent**

no fossil record

CAPONIIDAE Simon, 1890 ..... **Neogene – Recent**

= COLOPHONIDAE O. P.-Cambridge, 1874 [based on a generic homonym]

***Nops* MacLeay, 1839** ..... **Neogene – Recent**

Nops sp. *in* Wunderlich (1988) ..... Ne Dominican amber

114. *Nops lobatus* Wunderlich, 1988 ..... Ne Dominican amber

i. = *Nops segmentatus* Wunderlich, 1988 ..... Ne Dominican amber

TETRABLEMMIDAE O. P.-Cambridge, 1873 ..... **Cretaceous – Recent**

= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]

= PACULLIDAE Simon, 1894

Tetrablemmidae gen. indet. *in* Wunderlich (2012*d*) ..... K Burmese amber

Tetrablemmidae ?gen. sp. indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Balticoblemma* Wunderlich, 2004*c*** ..... **Palaeogene**

115. *Balticoblemma unicorniculum* Wunderlich, 2004*c** ..... Pa Baltic amber

† ***Bicornoculus* Wunderlich, 2015*b*** ..... **Cretaceous**

116. *Bicornoculus levis* Wunderlich, 2015*b** ..... K Burmese amber

?*Bicornoculus* sp. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Electroblemma* Selden, Zhang & Ren, 2016** ..... **Cretaceous**

117. *Electroblemma bifida* Selden, Zhang & Ren, 2016* ..... K Burmese amber

† ***Eogamasomorpha* Wunderlich, 2008*d*** ..... **Cretaceous**

118. ?*Eogamasomorpha clara* Wunderlich, 2015*b* ..... K Burmese amber

119. *Eogamasomorpha nubila* Wunderlich, 2008*d** ..... K Burmese amber

† ***Eoscaphiella* Wunderlich, 2011*i*** ..... **Cretaceous**

120. *Eoscaphiella ohlhoffi* Wunderlich, 2011*i** ..... K Burmese amber

***Monoblemma* Gertsch, 1941** ..... **Neogene**

121. ?*Monoblemma spinosum* Wunderlich, 1988* ..... Ne Dominican amber

† ***Praeterpaculla* Wunderlich, 2015*b*** ..... **Cretaceous**

122. *Praeterpaculla armatura* Wunderlich, 2015*b* ..... K Burmese amber

123. *Praeterpaculla biacuta* Wunderlich, 2015*b* ..... K Burmese amber

124. *Praeterpaculla dissolata* Wunderlich, 2015*b* ..... K Burmese amber

125. *Praeterpaculla equester* Wunderlich, 2015*b* ..... K Burmese amber

126. *Praeterpaculla tuberosa* Wunderlich, 2015*b** ..... K Burmese amber

† ***Saetosoma* Wunderlich, 2012*d*** ..... **Cretaceous**

127. *Saetosoma filiembolus* Wunderlich, 2012*d** ..... K Burmese amber

† ***Uniscutosoma* Wunderlich, 2015*b*** ..... **Cretaceous**

128. *Uniscutosoma aberrans* Wunderlich, 2015*b** ..... K Burmese amber

TROGLORAPTORIDAE Griswold, Audisio & Ledford, 2012 ..... **Recent**

no fossil record

DYSDEROIDEA Bristowe, 1938 ..... **Cretaceous – Recent**

?Dysderoidea *s. l.* indet 1–2 *in* Wunderlich (2008*d*) ..... K Burmese amber

SEGESTRIIDAE Simon, 1893 ..... **Cretaceous – Recent**

?Segestriidae indet *in* Wunderlich (2008*d*) ..... K Burmese amber

***Ariadna* Audouin, 1826** ..... **Cretaceous – Recent**

129. *Ariadna copalis* Wunderlich, 2008*a* ..... Qt ?Madagascan copal

130. *Ariadna defuncta* Wunderlich, 2004*c* ..... Pa Bitterfeld amber

131. *Ariadna hintzei* Wunderlich, 2004*as* ..... Qt Madagascan copal

132. *Ariadna ovalis* Wunderlich, 2008*a* ..... Pa Baltic amber

133. *Ariadna parva* Wunderlich, 2008*a* ..... Pa Baltic amber

134. *Ariadna paucispinosa* Wunderlich, 1988 ..... Ne Dominican amber

135. *Ariadna resinae* Hickman, 1957 ..... Ne? Australian copal

?*Ariadna* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Denticulsegestria* Wunderlich, 2015*b*** ..... **Cretaceous**

136. *Denticulsegestria rugosa* Wunderlich, 2015*b** ..... K Burmese Amber

† ***Jordansegestria* Wunderlich 2015*b*** ..... **Cretaceous**

137. *Jordansegestria detruneo* Wunderlich, 2015*b** ..... K Jordanian Amber

† ***Jordariadna* Wunderlich, 2015*b*** ..... **Cretaceous**

138. *Jordariadna amissiocoli* Wunderlich, 2008*d** ..... K Jordanian amber

† ***Lebansegestria* Wunderlich, 2008*d*** ..... **Cretaceous**

139. *Lebansegestria azari* Wunderlich, 2008*d** ..... K Lebanese amber

† ***Microsegestria* Wunderlich & Milki, 2004** ..... **Cretaceous**

140. *Microsegestria poinari* Wunderlich & Milki, 2004* ..... K Lebanese amber

† ***Myansegestria* Wunderlich, 2015*b*** ..... **Cretaceous**

141. *Myansegestria caederens* Wunderlich 2015*b* ..... K Burmese Amber

142. *Myansegestria engin* Wunderlich, 2015*b** ..... K Burmese Amber

† ***Palaeosegestria* Penney, 2004*a*** ..... **Cretaceous**

143. *Palaeosegestria lutzzii* Penney, 2004*a** ..... K New Jersey amber

† ***Parvosegestria* Wunderlich, 2015*b*** ..... **Cretaceous**

144. *Parvosegestria longitibialis* Wunderlich, 2015*b* ..... K Burmese Amber

145. *Parvosegestria obscura* Wunderlich, 2015*b** ..... K Burmese Amber

146. *Parvosegestria pintgu* Wunderlich, 2015*b* ..... K Burmese Amber

147. *Parvosegestria triplex* Wunderlich, 2015*b* ..... K Burmese Amber

Segestria* Latreille, 1804*a ..... **Cretaceous – Recent**

148. *Segestria cristata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

149. *Segestria flexio* Wunderlich, 2004*c* ..... Pa Baltic amber

150. *Segestria mortalis* Wunderlich 2004*c* ..... Pa Baltic amber

151. *Segestria plicata* Petrunkevitch, 1950 ..... Pa Baltic amber

152. *Segestria scudderi* Petrunkevitch, 1922 ..... Pa Florissant

153. *Segestria secessa* Scudder, 1890*a* ..... Pa Florissant

154. *Segestria succinei* Berland, 1939 ..... Pa Baltic amber

155. *Segestria tomentosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

i. = *Segestria plicata* Petrunkevitch, 1950 [provisional] ..... Pa Baltic amber

Segestria sp. *in* Penney (2002) ..... K New Jersey amber

Segestria sp. *in* Wunderlich (2004*c*) ..... Pa Baltic amber

Segestria sp. *in* Selden (2014*b*) ..... Pa Isle of Wight

† ***Vetsegestria* Wunderlich, 2004*c*** ..... **Palaeogene**

156. *Vetsegestria quinquespinosa* Wunderlich, 2004*c** ..... Pa Baltic / Bitter. amber

DYSDERIDAE C. L. Koch, 1837 ..... **Palaeogene – Recent**

† ***Dasumiana* Wunderlich, 2004*c*** ..... **Palaeogene**

157. *Dasumiana emicans* Wunderlich, 2004*c** ..... Pa Baltic amber

158. ?*Dasumiana subita* (Petrunkevitch, 1958) ..... Pa Baltic amber

159. *Dasumiana valga* Wunderlich, 2004*c* ..... Pa Baltic amber

***Dysdera* Latreille, 1804** ..... **Palaeogene – Recent**

160. *Dysdera dilatata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Harpactea* Bristowe, 1939** ..... **Palaeogene – Recent**

161. *Harpactea communis* Wunderlich, 2004*c* ..... Pa Baltic amber

162. *Harpactea extincta* Petrunkevitch, 1950 ..... Pa Baltic amber

163. *Harpactea hombergi* (Scopoli, 1763) **[Recent]** ..... Qt England
164. *Harpactea longibulbus* Wunderlich, 2011*h*..... Pa Baltic amber
165. *Harpactea tersa* (C. L. Koch & Berendt, 1854) [provisional transfer] Pa Baltic amber

Harpactea sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

† ***Segistriites*** **Straus, 1967** ..... **Neogene**

166. *Segistriites cromei* Straus, 1967*..... Ne Willershausen

Dysderidae?

† ***Mistura*** **Petrunkevitch, 1971** ..... **Neogene**

167. *Mistura perplexa* Petrunkevitch, 1971* ..... Ne Chiapas amber

OONOPIDAE Simon, 1890 ..... **Cretaceous – Recent**

Oonopidae gen. et sp. *in* Penney (2002) ..... K New Jersey amber

† ***Burmorchestina*** **Wunderlich, 2008*a*** ..... **Cretaceous**

168. *Burmorchestina pulcher* Wunderlich, 2008*a** ..... K Burmese amber

† ***Canadaorchestina*** **Wunderlich, 2008*a*** ..... **Cretaceous**

169. *Canadaorchestina albertenis* (Penney, 2006*a*)* ..... K Manitobian amber

† ***Fossilopaea*** **Wunderlich, 1988** ..... **Neogene**

170. *Fossilopaea sulci* Wunderlich, 1988* ..... Ne Dominican amber

Heteroonops **Dalmas, 1916** ..... **?Neogene – Recent**

Heteroonops sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Opopaea **Simon, 1891** ..... **?Neogene – Recent**

?*Opopaea* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Orchestina **Simon, 1882** ..... **Cretaceous – Recent**

171. *Orchestina (Baltorchestina) angulata* Wunderlich, 2012*f*

[replacement name]..... Pa Bitterfeld amber

i. = *Orchestina (B.) rectangulata* Wunderlich, 2011*h* [preoccupied]

172. *Orchestina baltica* Petrunkevitch, 1942 ..... Pa Baltic amber
173. *Orchestina (Baltorchestina) bitterfeldensis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber
174. *Orchestina breviembolus* Wunderlich, 1981 ..... Pa Baltic amber
175. *Orchestina (Baltorchestina) brevis* Wunderlich, 2008*a* ..... Pa Baltic amber
176. *Orchestina crassiembolus* Wunderlich, 1981 ..... Pa Baltic amber
177. *Orchestina (Baltorchestina) crassipatellaris* Wunderlich, 1981 ..... Pa Baltic amber
178. *Orchestina (Baltorchestina) crassitibialis* Wunderlich, 1981 ..... Pa Baltic amber
179. *Orchestina (Baltorchestina) colchembolus* Wunderlich, 1981 ..... Pa Baltic amber
180. *Orchestina colombiensis* Wunderlich, 2004*at* ..... Qt Colombian copal
181. *Orchestina dominicana* Wunderlich, 1981 ..... Ne Dominican amber
182. *Orchestina forceps* Wunderlich, 1981 ..... Pa Baltic amber
183. *Orchestina (Baltorchestina) forfex* Wunderlich, 2011*h*..... Pa Baltic amber
184. *Orchestina (Baltorchestina) furca* Wunderlich, 1981 ..... Pa Baltic amber
185. *Orchestina fushunensis* Wunderlich, 2004*au* ..... Pa Fu Shun amber

186. *Orchestina gappi* Saupe *et al*., 2012 ..... K Archingeay amber
187. *Orchestina gracilitibialis* Wunderlich, 2004*c* ..... Pa Baltic amber
188. *Orchestina (Baltorchestina) imperialis* Petrunkevitch, 1963 ..... Pa Baltic/Bitter. amber
189. *Orchestina kenyana* Wunderlich, 1981 ..... Qt East African copal
190. *Orchestina longimana* Wunderlich, 1981 ..... Qt East African copal
191. *Orchestina madagascariensis* Wunderlich, 2004*as* ..... Qt Madagascan copal
192. *Orchestina mortua* Petrunkevitch, 1971 ..... Ne Chiapas amber
193. *Orchestina (Baltorchestina) multisetae* Wunderlich, 2008*a* ..... Pa Baltic amber
194. *Orchestina (Gallorchestina) parisiensis* Penney, 2007*b* ..... Pa Le Quesnoy amber
195. *Orchestina (Baltorchestina) perfecta* Wunderlich, 2008*a* ..... Pa Baltic amber
196. *Orchestina pusilla* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
197. *Orchestina rabagensis* Saupe *et al.*, 2012 ..... K El Soplao amber
198. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2008*a* ..... Pa Baltic amber
199. *Orchestina (Baltorchestina) sternalis* Wunderlich, 2008*a* ..... Pa Baltic amber
200. *Orchestina tibialis* Wunderlich, 1988 ..... Ne Dominican amber
201. *Orchestina truncata* Wunderlich, 2004*at* ..... Qt Colombian copal
202. *Orchestina tuberosa* Wunderlich, 1981 ..... Pa Baltic amber
Orchestina sp. *in* Nishikawa (1974) ..... Qt Mizunami copal
Orchestina sp. *in* Saupe *et al*. (2012) ..... K Álava amber
Orchestina sp. *in* Soriano *et al.* (2010) ..... K San Just amber
Orchestina sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

***Stenoonops* Simon, 1891** ..... **Palaeogene – Recent**
203. *Stenoonops incertus* (Wunderlich, 1988) ..... Ne Dominican amber
204. ?*Stenoonops rugosus* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
205. *Stenoonops seldeni* (Penney, 2000) ..... Ne Dominican amber

ORSOLOBIDAE Cooke, 1965 ..... **Recent**
no fossil record

† **PLUMORSOLIDAE Wunderlich, 2008*d*** ..... **Cretaceous**
?Plumorsolidae indet. *in* Wunderlich (2008*d*) ..... K Burmese amber
?Plumorsolidae indet. *in* Wunderlich (2011*i*) ..... K Burmese amber
† ***Burmorsolus* Wunderlich, 2015*b*** ..... **Cretaceous**
206. *Burmorsolus crassus* Wunderlich, 2015*b* ..... K Burmese amber
207. *Burmorsolus nonplumosus* Wunderlich, 2015*b** ..... K Burmese amber
Burmorsolus sp. indet. *in* Wunderlich (2015*b*) ..... K Burmese amber
† ***Plumorsolus* Wunderlich, 2008*d*** ..... **Cretaceous**
208. *Plumorsolus gondwanensis* Wunderlich, 2008*d* ..... K Lebanese amber

ENTELEGYNAE Simon, 1893 ..... **Triassic – Recent**
PALPIMANOIDEA Thorell, 1870a ..... **Jurassic – Recent**
family uncertain

† ***Seppo*** **Selden & Dunlop, 2014** ..... **Jurassic**

209. *Seppo koponeni* Selden & Dunlop, 2014* .....J Grimmen, Germany

NB: Wunderlich (2015*b*) suggested possible affinities to Araneidae.

† ***Sinaranea*** **Selden, Huang & Ren, 2008** ..... **Jurassic**

210. *Sinaranea metaxyostraca* Selden, Huang & Ren, 2008* .....J Daohugou, China

ARCHAEIDAE C. L. Koch & Berendt, 1854 ..... **Jurassic – Recent**

Archaeinae indet. *in* Wunderlich, 2015*b* .....K Burmese amber

Archaea **C. L. Koch & Berendt, 1854** ..... **Palaeogene – Recent**

211. ?*Archaea bitterfeldensis* Wunderlich, 2004*d* ..... Pa Bitterfeld amber

212. *Archaea compacta* Wunderlich, 2004*d* ..... Pa Baltic amber

213. *Archaea paradoxa* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

i. = *Archaea laevigata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

ii. = *Archaea incompta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

214. *Archaea pougneti* Simon, 1884*b* ..... Pa Baltic amber

† ***Baltarchaea*** **Eskov, 1992** ..... **Palaeogene**

215. *Baltarchaea conica* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

† ***Burmesarchaea*** **Wunderlich, 2008*d*** ..... **Cretaceous**

216. *Burmesarchaea grimaldii* (Penney, 2003*a*) ..... K Burmese amber

† ***Eoarchaea*** **Forster & Platnick, 1984** ..... **Palaeogene**

217. *Eoarchaea hyperoptica* (Menge *in* C. L. Koch & Berendt, 1854)* .... Pa Baltic amber

218. *Eoarchaea vidua* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Eomysmauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

219. *Eomysmauchenius septentrionalis* Wunderlich, 2008*d** ..... K Burmese amber

Eriauchenius **O. P.-Cambridge, 1881** ..... **Quaternary – Recent**

220. *Eriauchenius gracilicollis* (Millot, 1948) **[Recent]** .....Qt Copal

i. = *Archaea copalensis* Lourenço, 2000*b* .....Qt Copal

† ***Filiauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

NB: Wundelich (2015*b*) tentatively synonymised this genus with *Lacunauchenius*.

221. *Filiauchenius paucidentatus* Wunderlich, 2008*d** ..... K Burmese amber

† ***Jurarchaea*** **Eskov, 1987** ..... **Jurassic**

222. *Jurarchaea zherikhini* Eskov, 1987* ..... J Kazakhstan

† ***Lacunauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

223. *Lacunauchenius longissipes* Wunderlich, 2015*b* ..... K Burmese amber

224. *Lacunauchenius pilosus* Wunderlich, 2015*b* ..... K Burmese amber

225. *Lacunauchenius speciosus* Wunderlich, 2008*d** ..... K Burmese amber

Lacunauchenius sp. indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Myrmecarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

226. *Myrmecarchaea petiolus* Wunderlich, 2004*d** ..... Pa Baltic amber

227. *Myrmecarchaea pediculus* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Patarchaea*** **Selden, Huang & Ren, 2008** ..... **Jurassic**

228. *Patarchaea muralis* Selden, Huang & Ren, 2008* ..... J Daohugou, China

† ***Planarchaea*** **Wunderlich, 2015*b*** ..... **Cretaceous**

229. *Planarchaea kopp* Wunderlich, 2015*b** ..... K Burmese amber

† ***Saxonarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

230. *Saxonarchaea dentata* Wunderlich, 2004*d** ..... Pa Bitterfeld amber

231. *Saxonarchaea diabolica* Wunderlich, 2004*d* ..... Pa Bitterfeld amber

MECYSMAUCHENIIDAE Simon, 1895 ..... **Cretaceous – Recent**

† ***Archaemecys*** **Saupe & Selden, 2009** ..... **Cretaceous**

232. *Archaemecys arcantiensis* Saupe & Selden, 2009 ..... K Charente amber

NB: Wunderlich (2015*b*) suggested that this could be an archaeid (Archaeinae).

PARARCHAEIDAE Forster & Platnick, 1984 ..... **Recent**

no fossil record

HOLARCHAEIDAE Forster & Platnick, 1984 ..... **Recent**

no fossil record

MICROPHOLCOMMATIDAE Hickman, 1944 ..... **Palaeogene – Recent**

† ***Cenotextricella*** **Penney *in* Penney *et al*., 2007** ..... **Palaeogene**

233. *Cenotextricella simoni* Penney *in* Penney *et al*., 2007 ..... Pa Le Quesnoy amber

HUTTONIIDAE Simon, 1893 ..... **Cretaceous – Recent**

unnamed genus and species *in* Penney & Selden (2006) ..... K Manitoban amber

STENOCHILIDAE Thorell, 1873 ..... **Recent**

no fossil record

† **MICROPALPIMANIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Micropalpimanus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

234. *Micropalpimanus poinari* Wunderlich, 2008*d* ..... K Burmese amber

Micropalpimanus sp. indet *in* Wunderlich (2012*d*) ..... K Burmese amber

PALPIMANIDAE Thorell, 1870*a* ..... **Neogene – Recent**

= OTITHOPOIDAE Thorell, 1869 [younger name protected by useage]

= CHERSIDAE Canestrini & Pavesi, 1870

Otiothops **MacLeay, 1839** ..... **Neogene – Recent**

Otiothops sp. 1–2 *in* Wunderlich (1988) ..... Ne Dominican amber

† **LAGONOMEGOPIDAE Eskov & Wunderlich, 1995** ..... **Cretaceous**

Lagonomegopidae indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Archaelagonops*** **Wunderlich, 2012*d*** ..... **Cretaceous**

235. *Archaelagonops propinquus* Wunderlich, 2015*b* ..... K Burmese amber

236. *Archaelagonops salticoides* Wunderlich, 2012*d** ..... K Burmese amber

237. *Archaelagonops scorsum* Wunderlich, 2015*b* ..... K Burmese amber

Archaelagonops sp. indet. *in* Wunderlich (2015*b*) ..... K Burmese amber

† ***Burlagonomegops* Penney, 2005*b*** ..... **Cretaceous**

238. *Burlagonomegops alavensis* Penney, 2006*b* ..... K Álava amber

239. *Burlagonomegops eskovi* Penney, 2005*b** ..... K Burmese amber

† ***Cymbiolagonops* Wunderlich, 2015*b*** ..... **Cretaceous**

240. *Cymbiolagonops cymbiocalcar* Wunderlich, 2015*b** ..... K Burmese amber

† ***Lagonoburmops* Wunderlich, 2012*d*** ..... **Cretaceous**

241. *Lagonoburmops plumosus* Wunderlich, 2012*d** ..... K Burmese amber

† ***Lagonomegops* Eskov & Wunderlich, 1995** ..... **Cretaceous**

242. *Lagonomegops americanus* Penney, 2005*b* ..... K New Jersey amber

243. *?Lagonomegops cor* Pérez-de la Fuente, Saupe & Selden, 2015 ... K Álava amber

244. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995* ..... K Taimyr amber

245. ?*Lagonomegops tuber* Wunderlich, 2015*b* ..... K Burmese amber

† ***Lineaburmops* Wunderlich, 2015*b*** ..... **Cretaceous**

246. *Lineaburmops beigeli* Wunderlich, 2015*b** ..... K Burmese amber

247. *Lineaburmops hirsutipes* Wunderlich, 2015*b* ..... K Burmese amber

† ***Myanlagonops* Wunderlich, 2012*d*** ..... **Cretaceous**

248. *Myanlagonops gracilipes* Wunderlich, 2012*d** ..... K Burmese amber

† ***Parviburmops* Wunderlich, 2015*b*** ..... **Cretaceous**

249. *Parviburmops brevipalpus* Wunderlich, 2015*b** ..... K Burmese amber

† ***Paxillomegops* Wunderlich, 2015*b*** ..... **Cretaceous**

250. ?*Paxillomegops brevipes* Wunderlich, 2015*b* ..... K Burmese amber

251. *Paxillomegops longipes* Wunderlich, 2015*b** ..... K Burmese amber

† ***Picturmegops* Wunderlich, 2015*b*** ..... **Cretaceous**

252. *Picturmegops signatus* Wunderlich, 2015*b** ..... K Burmese amber

† ***Soplaogonomegops* Pérez-de la Fuente, Saupe & Selden** ..... **Cretaceous**

NB: Wunderlich (2015*b*) tentatively synonymised this genus with *Archaelagonops.*

253. *Soplaogonomegops unzuei* Pérez-de la Fuente, Saupe & Selden, 2015* ..... K El Soplao amber

† ***Spinomegops* Pérez-de la Fuente, Saupe & Selden, 2015** ..... **Cretaceous**

254. *Spinomegops aragonensis* Pérez-de la Fuente, Saupe & Selden, 2015 ..... K San Just amber

255. *Spinomegops arcanus* Pérez-de la Fuente, Saupe & Selden, 2015* K Álava amber

† ***Zarquagonomegops* Kaddumi, 2007** ..... **Cretaceous**

256. *Zarquagonomegops wunderlichi* Kaddumi, 2007* ..... K Jordanian amber

† **GRANDOCULIDAE Penney, 2011** ..... **Cretaceous**

NB: The validity of this family has been challenged (cf. Wunderlich 2012*d, 2015b* & Pérez-de la Fuente *et al*. 2013).

† ***Grandoculus*** **Penney, 2004*b*** ..... **Cretaceous**

257. *Grandoculus chemahawinensis* Penney, 2004*b** ..... K Manitobian amber

† **SPATIATORIDAE Petrunkevitch, 1942** ..... **Cretaceous – Palaeo.**

† ***Spatiator*** **Petrunkevitch, 1942** ..... **Cretaceous – Palaeo.**

258. *Spatiator caulis* Wunderlich, 2008*a* ..... Pa Baltic amber

259. *Spatiator martensi* Wunderlich, 2006 ..... Pa Baltic amber

260. *Spatiator praeceps* Petrunkevitch, 1942* ..... Pa Baltic amber

261. *Spatiator putescens* Wunderlich, 2015*b* ..... K Burmese amber

Spatiator sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

† ***Vetiator*** **Wunderlich, 2015*b*** ..... **Cretaceous**

262. *Vetiator gracilipes* Wunderlich, 2015*b* ..... K Burmese amber

MALKARIDAE Davies, 1980 ..... **Recent**

= STERNODIDAE Moran, 1986

no fossil record

MIMETIDAE Simon, 1881 ..... **Palaeogene – Recent**

= CTENOPHORIDAE Blackwall, 1870 [younger name protected by useage]

Mimetidae gen. et sp. indet. *in* Penney *et al*. (2012*a*) ..... Pa Indian amber

Mimetini sp. 1–4 *in* Wunderlich (2004*q*) ..... Pa Baltic amber

Ero **C. L. Koch, 1836** ..... **Palaeogene – Recent**

= †*Palaeoero* Wunderlich, 2004*q*

= †*Succinero* Wunderlich, 2004*q*

[Wunderlich revalidated both as putative subgenera]

263. *Ero carboneana* Petrunkevitch, 1942 ..... Pa Baltic amber

264. *Ero aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber

NB: Treated as a *nomen dubium* by Harms & Dunlop (2009)

265. *Ero (Succinero) clunis* Wunderlich, 2012*c* ..... Pa Baltic amber

266. *Ero (Succinero) gracilitibialis* Wunderlich, 2012*c* ..... Pa Baltic amber

267. *Ero (Paleoero) longitarsus* (Wunderlich, 2004*q*) ..... Pa Baltic amber

268. *Ero permunda* Petrunkevitch, 1942 ..... Pa Baltic amber

269. *Ero (Succinero) rovnoensis* (Wunderlich, 2004*ar*) ..... Pa Rovno amber

270. *Ero (Succinero) veta* Wunderlich, 2012*c* ..... Pa Baltic amber

Mimetus **Hentz, 1832** ..... **Palaeogene – Recent**

271. *Mimetus bituberculatus* Wunderlich, 1988 ..... Ne Dominican amber

272. *Mimetus brevipes* Wunderlich, 2004*q* ..... Pa Baltic amber

NB: synonymised by Harms & Dunlop (2009), but ressurected by Wunderlich (2012*c*)

273. ?*Mimetus longipes* Wunderlich, 2004*q* ..... Pa Baltic amber

?*Mimetus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Protomimetus*** **Wunderlich, 2011** ..... **Palaeogene**

274. ?*Protomimetus breviclypeus* Wunderlich, 2011*h* ..... Pa Baltic amber

275. *Protomimetus longiclypeus* Wunderlich, 2011*h** ..... Pa Baltic amber

ERESOIDEA C. L. Koch, 1851 ..... **Cretaceous – Recent**

ERESIDAE C. L. Koch, 1851 ..... **?Miocene – Recent**

no body fossil record, but a web attributed to the extant genus *Seothyra* was described by Pickford (2000) from Miocene aeolianites in the Namib Desert of Namibia

'OECOBIOIDEA'

Oecobioidea fam. indet. *in* Wunderlich (2008*d*) ..... K Burmese amber

Oecobioidea indet. *in* Wunderlich 2015*b* ..... K Jordanian amber

OECOBIIDAE Blackwall, 1862 ..... **Cretaceous – Recent**

= UROCTEIDAE Thorell, 1869

Oecobiidae indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Lebanoecobius* Wunderlich, 2004e** ..... **Cretaceous**

276. *Lebanoecobius schleei* Wunderlich, 2004*e** ..... K Lebanese amber

† ***Mizalia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Paruroctea* Petrunkevitch, 1942

277. *Mizalia blauvelti* (Petrunkevitch, 1942) ..... Pa Baltic amber

278. *Mizalia gemini* Wunderlich, 2004*e* ..... Pa Baltic amber

279. *Mizalia rostrata* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

i. = *Mizalia pilosula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

280. *Mizalia spirembolus* Wunderlich, 2004*e* ..... Pa Baltic amber

Mizalia sp. *in* Wunderlich (2011*h*) ..... Pa Baltic/BItter. amber

***Oecobius* Lucas, 1846** ..... **?Cretaceous – Recent**

281. *Oecobius piliformis* Wunderlich, 1988 ..... Ne Dominican amber

?*Oecobius* sp. indet *in* Penney (2002) ..... K New Jersey amber

† ***Retrooecobius* Wunderlich, 2015*b*** ..... **Cretaceous**

282. *Retrooecobius chomskyi* Wunderlich, 2015*b** ..... K Burmese amber

283. *Retrooecobius convexus* Wunderlich, 2015*b* ..... K Burmese amber

***Uroctea* Dufour, 1820** ..... **Palaeogene – Recent**

284. *Uroctea galloprovincialis* Gourret, 1887 ..... Pa Aix-en-Provence

† ***Zamilia* Wunderlich, 2008*d*** ..... **Cretaceous**

285. *Zamilia aculeopectens* Wunderlich, 2015*b* ..... K Burmese amber

286. *Zamilia antecessor* Wunderlich, 2008*d** ..... K Burmese amber

287. *Zamilia quattuormammillae* Wunderlich, 2015*b* ..... K Burmese amber

Zamilia sp. indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

HERSILIIDAE Thorell, 1870*a* ..... **Cretaceous – Recent**

= CHALINUROIDAE Thorell, 1873

Hersiliidae sp. 1–3 *in* Wunderlich (2004*d*) ..... Pa Baltic amber

Hersiliidae sp. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

Hersiliidae indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Burmesiola*** **Wunderlich, 2011*i*** ..... **Cretaceous**

288. *Burmesiola cretacea* Wunderlich, 2011*i** ..... K Burmese amber

289. *Burmesiola daviesi* Wunderlich, 2015*b* ..... K Burmese amber

† ***"Fictotama*** **Petrunkevitch, 1963 (*nomen dubium*)"** ..... **Neogene**

[Wunderlich 2011*f* placed a new species in this genus, which was previously considered a *nomen dubium*. He did not formally revalidate the genus]

290. *"Fictotama" maculosa* Wunderlich, 2011*g* ..... Ne Dominican amber

† ***Gerdia*** **Menge, 1869** ..... **Palaeogene**

291. *Gerdia myura* Menge, 1869* ..... Pa Baltic amber

† ***Gerdiopsis*** **Wunderlich, 2004*e*** ..... **Palaeogene**

292. *Gerdiopsis infrigens* Wunderlich, 2004*e** ..... Pa Baltic amber

† ***Gerdiorum*** **Wunderlich 2004*e*** ..... **Palaeogene**

293. *Gerdiorum inflexum* Wunderlich 2004*e** ..... Pa Baltic amber

Hersilia **Audouin, 1826** ..... **Palaeogene – Recent**

= † *Hersiliopsis* Wunderlich, 2004*e*

294. *Hersilia aquisextana* Gourret, 1887 ..... Pa Aix-en-Provence

295. *Hersilia longipes* Giebel, 1856 ..... Pa Baltic amber

296. *Hersilia madagascarensis* (Wunderlich, 2004*e*) ..... Qt–R Madagas. copal

297. ?*Hersilia miranda* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Hersiliana*** **Wunderlich, 2004*e*** ..... **Quaternary – Recent**

298. *Hersiliana brevipes* Wunderlich, 2004*e** ..... Qt Madagascan copal

Hersiliola **Thorell, 1870** ..... **Palaeogene – Recent**

Hersiliola sp. *in* Selden & Wang (2014) ..... Pa Green River

† ***Prototama*** **Petrunkevitch, 1971** ..... **Neogene**

= † *Priscotama* Petrunkevitch, 1971

299. *Prototama antiqua* (Petrunkevitch, 1971) ..... Ne Chiapas amber

300. *Prototama maior* (Wunderlich, 1988) ..... Ne Dominican amber

301. *Prototama media* (Wunderlich, 1988) ..... Ne Dominican amber

302. *Prototama minor* (Wunderlich, 1987) ..... Ne Dominican amber

303. *Prototama succinea* Petrunkevitch, 1971* ..... Ne Chiapas amber

Prototama sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Spinasilia*** **Wunderlich, 2015*b*** ..... **Cretaceous**

304. *Spinasilia dissoluta* Wunderlich, 2015*b** ..... K Burmese amber

Superfamily uncertain

† **BURMASCUTIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Burmascutum*** **Wunderlich, 2008*d*** ..... **Cretaceous**

305. *Burmascutum aenigma* Wunderlich, 2008*d** ..... K Burmese amber

'CANOE TAPETUM' CLADE ..... **Triassic – Recent**

ORBICULARIAE Walckenaer, 1802 ..... **Triassic – Recent**

DEINOPOIDEA C. L. Koch, 1851 ..... **?Jurassic – Recent**

† **SALTICOIDIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Burmadictyna* Wunderlich, 2008*d*** ..... **Cretaceous**

306. *Burmadictyna clava* Wunderlich, 2015*b* ..... K Burmese amber

307. *Burmadictyna excavata* Wunderlich, 2015*b* ..... K Burmese amber

308. *Burmadictyna pecten* Wunderlich, 2008*d** ..... K Burmese amber

?*Burmadictyna* sp. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Palaeomicromennus* Penney, 2003** ..... **Cretaceous**

309. *Palaeomicromenneus lebanensis* Penney, 2003* ..... K Lebanese amber

† ***Salticoidus* Wunderlich, 2008*d*** ..... **Cretaceous**

310. *Salticoidus kaddumiorum* Wunderlich, 2008*d** ..... K Jordanian amber

DEINOPIDAE C. L. Koch, 1851 ..... **Cretaceous – Recent**

***Deinopis* MacLeay, 1839** ..... **Quaternary – Recent**

311. *Deinopis ?madagascariensis* Lenz, 1886 **[Recent]** ..... Qt Madagascar copal

Menneus* Simon, 1876*b ..... **Palaeogene – Recent**

312. ?*Menneus pietrzeniukae* Wunderlich, 2004*g* ..... Pa Baltic amber

?*Menneus* sp. 1–3 *in* Wunderlich (2004*g*) ..... Pa Baltic amber

ULOBORIDAE Thorell, 1869 ..... **?Jurassic – Recent**

Uloboridae indet. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

Uloboridae indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

Uloboridae *incerate sedis in* Selden & Wang (2014) ..... Pa Green River

† ***Bicalamistrum* Wunderlich, 2015*b*** ..... **Cretaceous**

313. *Bicalamistrum mixtum* Wunderlich, 2015*b* ..... K Burmese amber

† ***Burmuloborus* Wunderlich, 2008*d*** ..... **Cretaceous**

314. *Burmuloborus antefixus* Wunderlich, 2015*b* ..... K Burmese amber

315. *Burmuloborus parvus* Wunderlich, 2008*d** ..... K Burmese amber

316. ?*Burmuloborus prolongatus* Wunderlich, 2015*b* ..... K Burmese amber

?*Burmuloborus* sp. indet. *in* Wunderlich, 2015*b* ..... K Burmese amber

† ***Eomiagrammopes* Wunderlich, 2004*f*** ..... **Palaeogene**

317. *Eomiagrammopes maior* Wunderlich, 2004*f* ..... Pa Baltic amber

318. *Eomiagrammopes minor* Wunderlich, 2004*f* ..... Pa Baltic amber

319. *Eomiagrammopes semiapertus* Wunderlich, 2011*h* ..... Pa Baltic amber

320. *Eomiagrammopes singularis* Wunderlich, 2004*f** ..... Pa Baltic amber

321. *Eomiagrammopes spinipes* Wunderlich, 2004*f* ..... Pa Baltic amber

Eomiagrammopes sp. 1–2 *in* Wunderlich (2004*f*) ..... Pa Baltic amber

?*Eomiagrammopes* sp. *in* Wunderlich (2004*f*) ..... Pa Baltic amber

† ***Hyptiomopes* Wunderlich, 2004*f*** ..... **Palaeogene**

322. *Hyptiomopes bitterfeldensis* Wunderlich 2004*f** ..... Pa Bitterfeld amber

?Hyptiomopes sp. *in* Wunderlich (2004*f*) ..... Pa Bitterfeld amber

***Hyptiotes* Walckenaer, 1837** ..... **Palaeogene – Recent**

= † *Androgeus* C. L. Koch & Berendt, 1854

323. *Hyptiotes convexus* Wunderlich, 2004*f* ..... Pa Baltic amber

324. *Hyptiotes glaber* Wunderlich, 2004*f* ..... Pa Baltic amber

325. *Hyptiotes saetosus* Wunderlich, 2004*f* ..... Pa Baltic amber

326. *Hyptiotes stellatus* Wunderlich, 2004*f* ..... Pa Baltic amber

327. *Hyptiotes triqueter* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Jerseyuloborus* Wunderlich, 2011*i*** ..... **Cretaceous**

328. *Jerseyuloborus longisoma* Wunderlich, 2011*i** ..... K New Jersey amber

***Miagrammopes* O. P.-Cambridge, 1870** ..... **Palaeogene – Recent**

329. *Miagrammopes dominicanus* Wunderlich, 2004*e* ..... Ne Dominican amber

Miagrammopes sp. *in* Penney (2001) ..... Ne Dominican amber

Miagrammopes sp. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

Miagrammopes sp. *in* Selden & Wang (2014) ..... Pa Green River

† ***Microuloborus* Wunderlich, 2015*b*** ..... **Cretaceous**

330. *Microuloborus birmanicus* Wunderlich, 2015*b** ..... K Burmese amber

† ***Ocululoborus* Wunderlich, 2012*d*** ..... **Cretaceous**

331. *Ocululoborus curvatus* Wunderlich, 2012*d** ..... K Burmese amber

† ***Opellianus* Wunderlich, 2004*f*** ..... **Palaeogene**

332. *Opellianus excellens* Wunderlich, 2004*f** ..... Pa Baltic amber

333. *Opellianus kazimierasi* Wunderlich 2004*f* ..... Pa Baltic amber

334. *Opellianus ludwigi* Wunderlich 2004*f* ..... Pa Baltic amber

† ***Palaeomiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

335. *Palaeomiagrammopes vesica* Wunderlich, 2008*d** ..... K Burmese amber

† ***Palaeouloborus* Selden, 1990** ..... **Cretaceous**

336. *Palaeouloborus lacasae* Selden, 1990* ..... K Sierra de Montsech

† ***Paramiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

337. *Paramiagrammopes cretaceus* Wunderlich, 2008*d** ..... K Burmese amber

338. *Paragrammopes* [sic] *longiclypeus* Wunderlich, 2015*b* ..... K Burmese amber

339. *Paramiagrammopes patellidens* Wunderlich, 2015*b* ..... K Burmese amber

Paramiagrammopes sp. *in* Wunderlich (2008*d*) ..... K Burmese amber

† ***Talbragaraneus* Selden & Beattie, 2013 [tentative assignment]** ..... **Jurassic**

340. *Talbragaraneus jurassicus* Selden & Beattie, 2013* ..... J Talbragar, Australia

† ***Ulobomopes* Wunderlich, 2004*f*** ..... **Palaeogene**

341. *Ulobomopes unicus* Wunderlich, 2004*f** ..... Pa Baltic amber

ARANEOIDEA Latreille, 1806 ..... **Jurassic – Recent**

Araneoidea fam. indet. *in* Wunderlich (2008*d*) ..... K Burmese amber

† ***Mesarania*** **Hong, 1984** ..... **Jurassic**

342. *Mesarania hebeiensis* Hong, 1984* ..... J Hebei, China

CYATHOLIPIDAE Simon, 1894 ..... **Palaeogene – Recent**

= TEEMENAARIDAE Davies, 1978

† ***Balticolipus*** **Wunderlich, 2004*m*** ..... **Palaeogene**

343. *Balticolipus kruemmeri* Wunderlich, 2004*m** ..... Pa Baltic / Bitt. amber

† ***Cyathosuccinus*** **Wunderlich, 2004*m*** ..... **Palaeogene**

344. *Cyathosuccinus elongatus* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Erigolipus*** **Wunderlich, 2004*m*** ..... **Palaeogene**

345. *Erigolipus griswoldi* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Spinilipus*** **Wunderlich, 1993*b*** ..... **Palaeogene**

346. *Spinilipus bispinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

347. *Spinilipus curvatus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

348. *Spinilipus glinki* Wunderlich, 2004*m* ..... Pa Baltic amber

349. *Spinilipus kerneggeri* Wunderlich, 1993*b** ..... Pa Baltic amber

350. *Spinilipus longembolus* Wunderlich, 2004*m* ..... Pa Baltic amber

† ***Succinilipus*** **Wunderlich, 1993*b*** ..... **Palaeogene**

351. *Succinilipus abditus* Wunderlich, 2004*m* ..... Pa Baltic / Bitt. amber

352. *Succinilipus aspinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

353. *Succinilipus saxoniensis* Wunderlich, 1993*b* ..... Pa Bitterfeld amber

354. *Succinilipus similis* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

355. *Succinilipus teuberi* Wunderlich, 1993*b** ..... Pa Baltic amber

Succinilipus sp. *in* Wunderlich (2004*m*) ..... Pa Baltic / Bitt. amber

SYNOTAXIDAE Simon, 1894 ..... **Palaeogene – Recent**

† ***Acrometa*** **Petrunkevitch, 1942** ..... **Palaeogene**

= † *Eogonatium* Petrunkevitch, 1942

= † *Liticen* Petrunkevitch, 1942

= † *Theridiometa* Petrunkevitch, 1942

= † *Viocurus* Petrunkevitch, 1958

356. *Acrometa clava* Wunderlich, 2004*n* ..... Pa Baltic amber

357. *Acrometa cristata* Petrunkevitch, 1942* ..... Pa NE Europe ambers

i. = *Theridiometa edwardsi* Petrunkevitch, 1942 ..... Pa Baltic amber

ii. = *Viocurus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber

358. *Acrometa eichmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

359. *Acrometa incidens* Wunderlich, 2004*n* ..... Pa Baltic amber

360. *Acrometa minutum* (Petrunkevitch, 1942) ..... Pa Baltic amber

361. *Acrometa pala* Wunderlich, 2004*n* ..... Pa Baltic amber

362. *Acrometa robusta* (Petrunkevitch, 1942) ..... Pa Baltic amber

363. *Acrometa pseudorobusta* Dunlop & Jekel, 2009 ..... Pa Baltic amber

i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]

364.*Acrometa samlandica* (Petrunkevitch, 1942) ..... Pa Baltic amber

365.*Acrometa setosus* (Petrunkevitch, 1942) ..... Pa Baltic amber

366.*Acrometa succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Anandrus*** **Menge, 1856** ..... **Palaeogene**

= † *Elucus* Petrunkevitch, 1942

367.*Anandrus inermis* (Petrunkevitch, 1942) ..... Pa Baltic amber

368.*Anandrus infelix* (Petrunkevitch, 1950)* ..... Pa Baltic amber

369.*Anandrus quaesitus* (Petrunkevitch, 1958) ..... Pa Baltic amber

370.*Anandrus redemptus* (Petrunkevitch, 1958) ..... Pa Baltic amber

† ***Chelicerinus*** **Wunderlich, 2008*a*** ..... **Palaeogene**

371.*Chelicerinus abnormis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

† ***Cornuanandrus*** **Wunderlich, 1986** ..... **Palaeogene**

372.*Cornuanandrus bifurcatus* Wunderlich, 2004*n* ..... Pa Bitterfeld amber

373.*Cornuanandrus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber

374.*Cornuanandrus corniculans* Wunderlich, 2004*n* ..... Pa Baltic amber

375.*Cornuanandrus maior* Wunderlich, 1986* ..... Pa Baltic amber

376.*Cornuanandrus minor* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Dubiosynotaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

377.*Dubiosynotaxus perfectus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Eosynotaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

378.*Eosynotaxus bispinosus* Wunderlich, 2004*n* ..... Pa Baltic amber

379.*Eosynotaxus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber

380.*Eosynotaxus custodens* Wunderlich, 2004*n* ..... Pa Baltic amber

381.*Eosynotaxus fastigatus* Wunderlich, 2004*n* ..... Pa Baltic amber

382.*Eosynotaxus paucispina* Wunderlich, 2004*n* ..... Pa Baltic amber

383.*Eosynotaxus spinipes* Wunderlich, 2004*n* ..... Pa Baltic amber

384.*Eosynotaxus wegneri* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Gibbersynotaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

385.*Gibbersynotaxus parvus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Protophysoglenes*** **Wunderlich, 2004*n*** ..... **Palaeogene**

386.*Protophysoglenes impressum* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Pseudoacrometa*** **Wunderlich, 1986** ..... **Palaeogene**

387.*Pseudoacrometa gracilipes* Wunderlich, 1986* ..... Pa Baltic amber

388.*Pseudoacrometa wittmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Succinitaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

389.*Succinitaxus brevis* Wunderlich, 2004*n** ..... Pa Baltic, Bitterfeld & Rovno amber

390.?*Succinitaxus minutus* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Sulcosynotaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

391.*Sulcosynotaxus cavatus* Wunderlich, 2004*n** ..... Pa Baltic amber

NESTICIDAE Simon, 1894 ..... **Palaeogene – Recent**

† ***Balticonesticus*** **Wunderlich, 1986** ..... **Palaeogene**

392. *Balticonesticus flexuosus* Wunderlich, 1986* ..... Pa Baltic amber

Eidmanella **Roewer, 1935** ..... **Quaternary**

393. *Eidmanella pallida* (Emerton, 1875) **[Recent]** ..... Qt Madagascar copal

† ***Eopopino*** **Petrunkevitch, 1942** ..... **Palaeogene**

394. *Eopopino budrysi* Eskov & Marusik, 1992 ..... Pa Baltic amber

395. *Eopopino inopinatus affinis* Wunderlich, 1986 ..... Pa Baltic amber

396. *Eopopino inopinatus inopinatus* Wunderlich, 1986 ..... Pa Baltic amber

397. *Eopopino longipes* Petrunkevitch, 1942* ..... Pa Baltic amber

398. *Eopopino palanga* Eskov & Marusik, 1992 ..... Pa Baltic amber

399. *Eopopino rarus rarus* Wunderlich, 1986 ..... Pa Baltic amber

400. *Eopopino rarus solitarius* Wunderlich, 1986 ..... Pa Baltic amber

401. *Eopopino rudloffi* Wunderlich, 2004*o* ..... Pa Bitterfeld amber

Eopopino sp. *in* Wunderlich (1986) ..... Pa Bitterfeld amber

† ***Heteronesticus*** **Wunderlich, 1986** ..... **Palaeogene**

402. *Heteronesticus magnoparacymbialis* Wunderlich, 1986* ..... Pa Baltic amber

† ***Hispanonesticus*** **Wunderlich, 1986** ..... **Neogene**

403. *Hispanonesticus latopalpus* Wunderlich, 1986* ..... Ne Dominican amber

THERIDIIDAE Sundevall, 1833 ..... **?Cretaceous – Recent**

= PHYCOIDAE Thorell, 1873

= EPISINIDAE O. P.-Cambridge, 1879*a*

= HADROTARSIDAE Thorell, 1881

?Theridiidae gen. et sp. indet *in* McAlpine & Martin (1969) ..... K Canadian amber

Theridiidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

Achaearanea **Strand, 1929** ..... **Neogene – Recent**

404. *Achaearanea extincta* Wunderlich, 1988 ..... Ne Dominican amber

Achaearanea sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Argyrodes **Simon, 1864** ..... **Neogene – Recent**

405. *Argyrodes (Ariamnes) copalis* Wunderlich, 2008*b* ..... Qt Colombian copal

406. *Argyrodes (Ariamnes) resina* Wunderlich, 2011*f* ..... Qt Madagascar copal

407. *Argyrodes (Rhomphaea) gibbifera* Wunderlich, 2004*as* ..... Qt Madagascar copal

408. *Argyrodes parvipatellaris* Wunderlich, 1988 ..... Ne Dominican amber

Argyrodes sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Balticoridion*** **Wunderlich, 2008*b*** ..... **Palaeogene**

409. *Balticoridion dubium* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

† ***Balticpholcomma*** **Wunderlich, 2008*b*** ..... **Palaeogene**

410. *Balticpholcomma scutatum* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Caudasinus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

411. *Caudasinus bispinosus* Wunderlich, 2008*b* ..... Pa Baltic amber

412. *Caudasinus caudatus* Wunderlich, 2008*b** ..... Pa Baltic amber

413. *Caudasinus regeneratus* Wunderlich, 2008*b* ..... Pa Baltic amber

Caudasinus sp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

***Chrosiothes* Simon, 1894** ..... **Neogene – Recent**

414. *Chrosiothes biconigerus* Wunderlich, 1988 ..... Ne Dominican amber

415. *Chrosiothes curvispinosus* Wunderlich, 1988 ..... Ne Dominican amber

416. *Chrosiothes emulgatus* Wunderlich, 1988 ..... Ne Dominican amber

417. *Chrosiothes longispinosus* Wunderlich, 1988 ..... Ne Dominican amber

418. *Chrosiothes monoceros* Wunderlich, 1988 ..... Ne Dominican amber

419. *Chrosiothes tumulus* Wunderlich, 1988 ..... Ne Dominican amber

420. *Chrosiothes unicornis* Wunderlich, 1988 ..... Ne Dominican amber

Chrysso* O. P.-Cambridge, 1882*a ..... **Neogene – Recent**

421. *Chrysso conspicua* Wunderlich, 1988 ..... Ne Dominican amber

422. *Chrysso dubia* Wunderlich, 1988 ..... Ne Dominican amber

† ***Clavibertus* Wunderlich, 2008*b*** ..... **Palaeogene**

423. *Clavibertus parvus* Wunderlich, 2008*b* ..... Pa Baltic amber

424. *Clavibertus prominens* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Clya* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

425. *Clya abdita* Wunderlich, 2008*b* ..... Pa Baltic amber

426. *Clya lugubris* C. L. Koch & Berendt, 1854* ..... Pa Baltic / Rovno amber

427. *Clya calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber

428. *Clya gracilis* (Petrunkevitch, 1958) ..... Pa Baltic amber

429. *Clya granulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

430. *Clya obscura* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

431. *Clya rotata* Wunderlich, 2008*b* ..... Pa Baltic amber

432. *Clya supercalefacta* Wunderlich, 2008*b* ..... Pa Baltic amber

433. *Clya superspiralis* Wunderlich, 2008*b* ..... Pa Baltic amber

434. *Clya tricurvata* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Cornutidion* Wunderlich, 1988** ..... **Neogene**

435. *Cornutidion elongatum* Wunderlich, 1988* ..... Ne Dominican amber

***Craspedisia* Simon, 1894** ..... **Neogene – Recent**

436. *Craspedisia yapchoontecki* Penney & Marusik *in* Penney *et al*. (2012*b*) ..... Ne Dominican amber

† ***Cretotheridion* Wunderlich, 2015*b*** ..... **Cretaceous**

437. *Cretotheridion inopinatum* Wunderlich, 2015*b** ..... K Burmese amber

† ***Cymbiopholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

438. *Cymbiopholcomma dudum* Wunderlich, 2008*b** ..... Pa Baltic amber

439. *Cymbiopholcomma spiculum* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Dipoenata* Wunderlich, 1988** ..... **Neogene**

440. *Dipoenata altioculata* Wunderlich, 1988 ..... Ne Dominican amber

441. *Dipoenata cala* Wunderlich, 1988 ..... Ne Dominican amber

442. *Dipoenata clypeata* Wunderlich, 1988 ..... Ne Dominican amber

443. *Dipoenata globulus* Wunderlich, 1988 ..... Ne Dominican amber
444. *Dipoenata praedominicana* (Wunderlich, 1986) ..... Qt Dominican copal
445. *Dipoenata stipes* Wunderlich, 1988* ..... Ne Dominican amber
446. *Dipoenata yolandae* Wunderlich, 1988 ..... Ne Dominican amber
Dipoenata sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Eoasagena* Wunderlich, 2008*b*** ..... **Palaeogene**
447. *Eoasagena scutata* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eolyrifer* Wunderlich, 2008*b*** ..... **Palaeogene**
448. *Eolyrifer longitibialis* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eomysmena* Petrunkevitch, 1942** ..... **Palaeogene – Neogene**
= † *Antopia* Menge, 1854 [tentative synonomy]
= † *Astodipoena* Petrunkevitch, 1958
= † *Eodipoena* Petrunkevitch, 1942
449. *Eomysmena asta* Petrunkevitch, 1971 ..... Ne Chiapas amber
450. *Eomysmena aviceps* Wunderlich, 2008*b* ..... Pa Baltic amber
451. *Eomysmena calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
452. *Eomysmena crassa* (Petrunkevitch, 1958) ..... Pa Baltic amber
453. *Eomysmena baltica* Petrunkevitch, 1946 ..... Pa Baltic amber
454. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) ..... Pa Baltic amber
455. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) ..... Pa Baltic amber
456. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
457. *Eomysmena moritura* Petrunkevitch, 1942* ..... Pa Baltic amber
i. = *Eomysmena consulta* (Petrunkevitch, 1958) [tentative synonomy] ..... Pa Baltic amber
458. *Eomysmena nielseni* (Petrunkevitch, 1958) ..... Pa Baltic amber
459. *Eomysmena oculata* (Petrunkevitch, 1942) ..... Pa Baltic amber
460. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
461. *Eomysmena recta* Wunderlich, 2008*b* ..... Pa Baltic amber
462. *Eomysmena tenera* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
Eomysmena spp. *in* Wunderlich 2008*b* ..... Pa Baltic / Bitt. Amber

† ***Eoteutana* Wunderlich, 2008*b*** ..... **Palaeogene**
463. *Eoteutana hirsuta* Wunderlich, 2008*b** ..... Pa Baltic amber

***Episinus* Latreille, 1809** ..... **Palaeogene – Recent**
= † *Flegia* C. L. Koch & Berendt, 1854
= † *Impulsor* Petrunkevitch, 1942
= † *Malleator* Petrunkevitch, 1942
= † *Mictodipoena* Petrunkevitch, 1958
= † *Municeps* Petrunkevitch, 1942 [tentative synonomy]
464. *Episinus anapidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
465. *Episinus antecognatus* Wunderlich, 1986 ..... Qt Dominican copal
466. *Episinus appendix* Wunderlich, 2008*b* ..... Pa Baltic amber
467. *Episinus arrodens* Wunderlich, 2008*b* ..... Pa Baltic amber

468. *Episinus balticus* Marusik & Penney, 2004 ..... Pa Baltic / Bitt. amber
469. *Episinus brevipalpus* Wunderlich, 1988 ..... Ne Dominican amber
470. *Episinus bulla* Wunderlich, 2008*b* ..... Pa Baltic amber
471. *Episinus chiapasanus* (Petrunkevitch, 1971) ..... Ne Chiapas amber
472. *Episinus clunis* Wunderlich, 2008*b* ..... Pa Baltic amber
473. *Episinus cochlear* Wunderlich, 2008*b* ..... Pa Baltic amber
474. *Episinus cornutus* Wunderlich, 1988 ..... Ne Dominican amber
475. *Episinus cymbialis* Wunderlich, 2008*b* ..... Pa Baltic amber
476. *Episinus dimidius* Wunderlich, 2008*b* ..... Pa Baltic amber
477. *Episinus eskovi* Marusik & Penney, 2004 ..... Pa Baltic amber
478. *Episinus isopteraque* Wunderlich, 2008*b* ..... Pa Baltic amber
479. *Episinus latus* Wunderlich, 2008*b* ..... Pa Baltic amber
480. *Episinus longimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
    i. = *Malleator niger* Petrunkevitch, 1942 ..... Pa Baltic amber
481. *Episinus longisoma* Wunderlich, 2008*b* ..... Pa Baltic amber
482. *Episinus minutus* (Petrunkevitch, 1958) ..... Pa Baltic amber
483. *Episinus mordellidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
484. *Episinus musculus* Wunderlich, 2008*b* ..... Pa Baltic amber
485. *Episinus mutilus* (Petrunkevitch, 1958) ..... Pa Baltic amber
486. *Episinus nausticymbium* Wunderlich, 2008*b* ..... Pa Baltic amber
487. *Episinus neglectus* (Petrunkevitch, 1942) ..... Pa Baltic amber
488. *Episinus penneyi* Garcia-Villafuerte, 2006*a* ..... Ne Chiapas amber
489. *Episinus praecognatus* Wunderlich, 1982 ..... Ne Dominican amber
490. *Episinus pulcher* (Petrunkevitch, 1942) ..... Pa Baltic amber
491. *Episinus regalis* (Petrunkevitch, 1958) ..... Pa Baltic amber
492. *Episinus stridulus* (Petrunkevitch, 1958) ..... Pa Baltic amber
493. *Episinus tibiaseta* Wunderlich, 2011*g* ..... Ne Dominican amber
494. *Episinus transversus* Wunderlich, 2008*b* ..... Pa Baltic amber
495. *Episinus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber
    Episinus spp. in Wunderlich (2008*b*) ..... Pa Baltic amber

***Euryopis* Menge, 1868** ..... **Palaeogene – Recent**

496. ?*Euryopis araneoides* Wunderlich, 2008*b* ..... Pa Baltic amber
497. *Euryopis bitterfeldensis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
498. *Euryopis nexus* Wunderlich, 2008*b* ..... Pa Baltic amber
499. *Euryopis streyi* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. Amber
    Euryopis/*Emertonella* complex *in* Penney *et al*. (2012*c*) ..... Qt Colombian copal

† ***Euryopus* Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

500. *Euryopus gracilipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Faiditus* Keyserling, 1884** ..... **Neogene – Recent**

501. *Faiditus crassipatellaris* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Femurraptor* Wunderlich, 2011*g*** ..... **Neogene**

502.*Femurraptor dominicanus* Wunderlich, 2011*g** ..... Ne Dominican amber

† ***Globulidion* Wunderlich, 2008*b*** ..... **Palaeogene**

503.*Globulidion cochlea* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Hirsutipalpus* Wunderlich, 2008*b*** ..... **Palaeogene**

504.*Hirsutipalpus varipes* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Kochiuridion* Wunderlich, 2008*b*** ..... **Palaeogene**

505.*Kochiuridion scutatum* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

***Lasaeola* Simon, 1881** ..... **Palaeogene – Recent**

= † *Nactodipoena* Petrunkevitch, 1942 [a subgenus *in* Wunderlich (2008*b*)]

506.*Lasaeola acumen* Wunderlich, 2008*b* ..... Pa Baltic amber

507.*Lasaeola baltica* (Marusik & Penney, 2004) ..... Pa Baltic amber

508.*Lasaeola bitterfeldensis* Wunderlich, 2008*b* ..... Pa Bitterfeld amber

509.*Lasaeola communis* Wunderlich, 2008*b* ..... Pa Baltic amber

510.*Lasaeola (Nactodipoena) dunbari* (Petrunkevitch, 1942) ..... Pa Baltic amber

511.?*Lasaeola furca* Wunderlich, 2008*b* ..... Pa Baltic amber

512.*Lasaeola germanica* (Petrunkevitch, 1958) ..... Pa Baltic amber

513.*Lasaeola* (*Phycosoma*) *inclinata* Wunderlich, 2012*a* ..... Qt Madagascan copal

514.*Lasaeola infulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Bitt. Amber

515.*Lasaeola larvaque* Wunderlich, 2008*b* ..... Pa Baltic amber

516.*Lasaeola latisulci* Wunderlich, 2008*b* ..... Pa Baltic amber

517.*Lasaeola pristina* (Wunderlich, 1986) ..... Ne Dominican amber

518.*Lasaeola puta* Wunderlich, 1988 ..... Ne Dominican amber

519.*Lasaeola sexsaetosa* Wunderlich, 2008*b* ..... Pa Baltic amber

520.?*Lasaeola sigillata* Wunderlich, 2008*b* ..... Pa Bitterfeld amber

521.*Lasaeola vicina* (Wunderlich, 1982) ..... Ne Dominican amber

522.*Lasaeola vicinoides* Wunderlich, 1988 ..... Ne Dominican amber

Lasaeola sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Lasaeola spp. *in* Wunderlich (2008*b*) ..... Pa Baltic / Bitt. amber

† ***Medela* Petrunkevitch, 1942** [?Theridiidae, cf. Wunderlich (2008*b*)] ..... **Palaeogene**

523.*Medela baltica* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mimetidion* Wunderlich, 2008*b*** ..... **Palaeogene**

524.*Mimetidion furca* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Nanomysmena* Petrunkevitch, 1958** ..... **Palaeogene**

525.*Nanomysmena aculeata* Petrunkevitch, 1958 ..... Pa Baltic amber

526.*Nanomysmena munita* Petrunkevitch, 1958 ..... Pa Baltic amber

527.*Nanomysmena palanga* Marusik & Penney, 2004 ..... Pa Baltic amber

528.*Nanomysmena petrunkevitchi* Marusik & Penney, 2004 ..... Pa Baltic amber

529.*Nanomysmena pseudogracilis* Marusik & Penney, 2004 ..... Pa Baltic amber

† ***Nanosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

530.*Nanosteatoda breviscutum* Wunderlich, 2008*b* ..... Pa Baltic amber

531.*Nanosteatoda trisetae* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Obscuropholcomma*** **Wunderlich, 2008*b*** ..... **Palaeogene**

532. *Obscuropholcomma* sp. *in* Wunderlich (2012*b*) ..... Pa Rovno amber

533. *Obscuropholcomma tegens* Wunderlich, 2008*b** ..... Pa Baltic amber

Phoroncidia **Westwood, 1835** ..... **Quaternary – Recent**

534. *Phoroncidia* ?*aculeata* Westwood, 1835 **[Recent]** ..... Qt Madagascan copal

Platnickina **Koçak & Kemal, 2008** ..... **Quaternary – Recent**

535. *Platnickina duosetae* Wunderlich, 2012*a* ..... Qt Madagascan copal

† ***Praetereuryopis*** **Wunderlich, 2008*b*** ..... **Palaeogene**

536. *Praetereuryopis phoroncidoides* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Pronepos*** **Petrunkevitch, 1963** ..... **Neogene**

537. *Pronepos exilis* Petrunkevitch, 1963* ..... Ne Chiapas amber

538. *Pronepos fossilis* Petrunkevitch, 1963 ..... Ne Chiapas amber

† ***Protosteatoda*** **Wunderlich, 2008*b*** ..... **Palaeogene**

539. *Protosteatoda gutta* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Pseudoteutana*** **Wunderlich, 2008*b*** ..... **Palaeogene**

540. *Pseudoteutana stigmatosa* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Eomysmena stridens* Petrunkevitch, 1958 ..... Pa Baltic amber

ii. = *Flegia succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Rugapholcomma*** **Wunderlich, 2008*b*** ..... **Palaeogene**

541. *Rugopholcomma patellaris* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinisinus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

542. *Spinisinus parvioculi* Wunderlich, 2008*b* ..... Pa Baltic amber

543. *Spinisinus splendidus* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinitharinus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

544. *Spinitharinus bulbosus* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

545. *Spinitharinus cheliceratus* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

546. *Spinitharinus coniectens* Wunderlich, 2008*b* ..... Pa Baltic amber

547. *Spinitharinus curvatus* Wunderlich, 2008*b* ..... Pa Baltic amber

548. *Spinitharinus cymbioseta* Wunderlich, 2008*b* ..... Pa Baltic amber

Spinitharinus spp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

Spintharus **Hentz, 1850** ..... **Neogene – Recent**

549. *Spintharus longisoma* Wunderlich, 1988 ..... Ne Dominican amber

Steatoda **Sundevall, 1833** ..... **?Palaeogene – Recent**

550. '*Steatoda*' *anticus* (Berland, 1939) ..... Pa Baltic amber

Stemmops **O. P.-Cambridge, 1894** ..... **Neogene – Recent**

551. *Stemmops incertus* Wunderlich, 1988 ..... Ne Dominican amber

552. *Stemmops prominens* Wunderlich, 1988 ..... Ne Dominican amber

Styposis **Simon, 1894** ..... **Neogene – Recent**

553. *Styposis pholcoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Succinobertus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

554. *Succinobertus adjacens* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Succinura* Wunderlich, 2008*b*** ..... **Palaeogene**

555. *Succinura aciesaeta* Wunderlich, 2008*b* ..... Pa Baltic amber

556. *Succinura bellavista* Wunderlich, 2008*b** ..... Pa Baltic amber

557. *Succinura circuita* Wunderlich, 2008*b* ..... Pa Baltic amber

558. *Succinura dubia* Wunderlich, 2008*b* ..... Pa Baltic amber

559. *Succinura fuscoruber* Wunderlich, 2008*b* ..... Pa Baltic amber

560. *Succinura ovalis* Wunderlich, 2008*b* ..... Pa Baltic amber

Succinura sp. *in* Wunderlich (2008b) ..... Pa Baltic amber

***Theridion* Walckenaer, 1805** ..... **?Cretaceous – Recent**

561. '*Theridion*' *alutaceum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

562. *Theridion annulipes* Heer, 1865 ..... Ne Öhningen

563. *Theridion atalus* Chang, 2004 [both generic and familial assignment unreliable!] ..... K Jehol Biota

564. '*Theridion*' *berendti* Marusik & Penney, 2004 ..... Pa Baltic amber

i. = *Theridion globosa* C. L. Koch & Berendt, 1854 [preoccupied]

565. *Theridion bucklandi* Thorell, 1870*a* ..... Pa Aix-en-Provence

566. *Theridion contrarium* Wunderlich, 1988 ..... Ne Dominican amber

567. *Theridion crassipalpum* Berland, 1939 ..... Pa Aix-en-Provence

568. '*Theridion*' *detersum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

569. *Theridion erectoides* Wunderlich, 1988 ..... Ne Dominican amber

570. *Theridion erectum* Wunderlich, 1988 ..... Ne Dominican amber

571. '*Theridion*' *globosus* (Presl, 1822) ..... Pa Baltic amber

572. *Theridion globulus* Heer, 1865 ..... Ne Öhningen

573. '*Theridion*' *hirtum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

574. *Theridion inversum* Wunderlich, 1988 ..... Ne Dominican amber

575. *Theridion maculipes* Heer, 1865 ..... Ne Öhningen

576. '*Theridion*' *oblongum* (Presl, 1822) ..... Pa Baltic amber

577. '*Theridion*' *ovale* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

578. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

579. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

580. *Theridion variosoma* Wunderlich, 1988 ..... Ne Dominican amber

581. *Theridion wunderlichi* Penney, 2001 ..... Ne Dominican amber

i. = *Theridion ovale* Wunderlich, 1988 [preoccupied]

† ***Thyelia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

582. *Thyelia anomala* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

583. *Thyelia convexa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

584. *Thyelia fossula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

585. *Thyelia marginata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

586. *Thyelia pallida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

587. *Thyelia scotina* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

588. *Thyelia tristis* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

589. *Thyelia villosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Ulesanis* L. Koch, 1872** ..... **Palaeogene – Recent**

590. *Ulesanis antecessor* Wunderlich, 2008*b* ..... Pa Baltic Amber

591. *Ulesanis frontprocera* Wunderlich, 2008*b* ..... Pa Baltic Amber

592. *Ulesanis longicymbium* Wunderlich, 2008*b* ..... Pa Baltic Amber

593. *Ulesanis ovalis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

594. *Ulesanis parva* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

† ***Unispinatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

595. *Unispinatoda aculeata* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Vicipholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

596. *Vicipholcomma spiralis* Wunderlich, 2008*b** ..... Pa Baltic Amber

Theridiidae *incertae sedis*

597. '*Eomysmena*' *succini* (Petrunkevitch, 1942) ..... Pa Baltic amber

598. *'Anelosimus' clypeatus* Wunderlich, 1988 ..... Ne Dominican amber

THERIDIOSOMATIDAE Simon, 1881 ..... **Cretaceous – Recent**

Theridiosomatidae gen. et sp. indet *in* Wunderlich (2004*i*) ..... Pa Baltic amber

Theridiosomatidae gen. et sp. indet *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

***Baalzebub* Coddington, 1986** ..... **?Cretaceous – Recent**

599. ?*Baalzebub mesozoicum* Penney, 2014 ..... K Vendée amber

† ***Eocoddingtonia* Selden, 2010** ..... **Cretaceous**

600. *Eocoddingtonia eskovi* Selden, 2010* ..... K Baissa, Transbaikalia

† ***Eoepeirotypus* Wunderlich, 2004*j*** ..... **Palaeogene**

601. *Eoepeirotypus retrobulbus* Wunderlich, 2004*j** ..... Pa Baltic amber

Eoepeirotypus sp. *in* Wunderlich (2004) ..... Pa Bitterfeld amber

† ***Eotheridiosoma* Wunderlich, 2004*j*** ..... **Palaeogene**

602. ?*Eotheridiosoma hamatum* Wunderlich, 2011*e* ..... Pa Baltic amber

603. *Eotheridiosoma tuber* Wunderlich, 2004*j** ..... Pa Bitterfeld amber

604. *Eotheridiosoma volutum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

† ***Leviunguis* Wunderlich, 2012*d*** ..... **Cretaceous**

605. *Leviunguis bruckschi* Wunderlich, 2012*d** ..... K Burmese amber

† ***Palaeoepeirotypus* Wunderlich, 1988** ..... **Neogene**

606. *Palaeoepeirotypus iuvenis* Wunderlich, 1988* ..... Ne Dominican amber

607. *Palaeoepeirotypus iuvenoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Spinitheridiosoma* Wunderlich, 2004*j*** ..... **Palaeogene**

NB: type species designated from the wrong genus!

608. *Spinitheridiosoma balticum* Wunderlich, 2004*j* ..... Pa Baltic amber

609. *Spinitheridiosoma bispinosum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

610. *Spinitheridiosoma rima* Wunderlich, 2004*j* ..... Pa Baltic amber

Theridiosoma* O. P.-Cambridge, 1879*b ..... **Neogene – Recent**

611. *Theridiosoma incompletum* Wunderlich, 1988 ..... Ne Dominican amber

† ***Umerosoma*** **Wunderlich, *2004j*** ..... **Palaeogene**

612. *Umerosoma multispina* Wunderlich, 2004*j** ..... Pa Baltic amber

SYMPHYTOGNATHIDAE Hickman, 1931 ..... **Recent**

no fossil record

ANAPIDAE Simon, 1895 ..... **Palaeogene – Recent**

= TEXTRICELLIDAE Hickman, 1945

† ***Balticonopsis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

613. *Balticonopsis bispina* Wunderlich, 2004*k* ..... Pa Baltic amber

614. *Balticonopsis bitterfeldensis* Wunderlich, 2004*k* ..... Pa Bitterfeld amber

615. *Balticonopsis bulbosa* Wunderlich, 2004*k* ..... Pa Baltic amber

616. *Balticonopsis ceranowiczae* Wunderlich, 2004*k* ..... Pa Baltic amber

617. *Balticonopsis holti* Wunderlich, 2004*k** ..... Pa Baltic amber

618. *Balticonopsis perkovskyi* Wunderlich, 2004*ar* ..... Pa Rovno amber

619. *Balticonopsis thomasi* Wunderlich, 2004*k* ..... Pa Baltic amber

Balticonopsis sp. *in* Wunderlich (2004*k*) ..... Pa Baltic amber

† ***Dubianapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

620. *Dubianapis obscura* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Flagellanapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

621. *Flagellanapis voigti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Fossilanapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

622. *Fossilanapis anderseri* Wunderlich, 2004*k* ..... Pa Baltic amber

623. *Fossilanapis baetcheri* Wunderlich, 2004*k** ..... Pa Baltic amber

624. *Fossilanapis eichmanni* Wunderlich, 2004*k* ..... Pa Baltic amber

625. *Fossilanapis flexiotarsus* Wunderlich, 2004*k* ..... Pa Baltic amber

626. *Fossilanapis multispinae* Wunderlich, 2011*h* ..... Pa Baltic amber

627. *Fossilanapis saltans* Wunderlich, 2004*k* ..... Pa Baltic amber

628. *Fossilanapis unispinum* Wunderlich, 2004*k* ..... Pa Baltic amber

Fossilanapis sp. *in* Wunderlich (2004*k*) ..... Pa Bitterfeld amber

Fossilanapis sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

† ***Palaeoanapis*** **Wunderlich, 1988** ..... **Neogene**

629. *Palaeoanapis nana* Wunderlich, 1988* ..... Ne Dominican amber

† ***Ruganapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

630. *Ruganapis scutata* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Saxonanapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

631. *Saxonanapis grabenhorsti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Tuberanapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

632. *Tuberanapis parvibulbus* Wunderlich, 2004*k** ..... Pa Baltic amber

COMAROMIDAE Wunderlich, 2004 [stat. nov. 2011] ..... **Palaeogene – Recent**

† ***Balticoroma*** **Wunderlich, 2004*k*** ..... **Palaeogene**

= † *Balticorma* [*sic*] Weitschat & Wichard, 2002 [*nomen nudum*]

633. *Balticoroma damzeni* Wunderlich, 2011*h* ..... Pa Baltic amber

634. *Balticoroma ernstorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber

635. *Balticoroma gracilipes* Wunderlich 2004*k* ..... Pa Baltic/Bitt. amber

636. *Balticoroma reschi* Wunderlich, 2004*k** ..... Pa Baltic amber

637. *Balticoroma serafinorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber

638. *Balticoroma tibialis* Wunderlich, 2004*k* ..... Pa Baltic amber

639. *Balticoroma wheateri* Penney & Marusik *in* Penney *et al.* (2011) ..... Pa Baltic amber

MYSMENIDAE Petrunkevitch, 1928 ..... **Palaeogene – Recent**

Mysmeninae sp. *in* Wunderlich (2004*ar*) ..... Pa Rovno amber

† ***Dominicanopsis* Wunderlich, 2004*k*** ..... **Neogene**

640. *Dominicanopsis grimaldii* Wunderlich, 2004*k** ..... Ne Dominican amber

† ***Eomysmenopsis* Wunderlich, 2004*k*** ..... **Palaeogene**

641. *Eomysmenopsis spinipes* Wunderlich, 2004*k** ..... Pa Baltic / Bitt. Amber

***Mysmena* Simon, 1894** ..... **Palaeogene – Recent**

Mysmena (s. l.) sp. indet *in* Wunderlich (2012a) ..... Qt Madagascan copal

642. *Mysmena* (s.l.) *copalis* Wunderlich, 2011*f* ..... Qt Madagascan copal

643. *Mysmena curvata* Wunderlich, 2011*h* ..... Pa Baltic amber

644. *Mysmena dominicana* Wunderlich, 1998 ..... Qt Madagascan copal

645. *Mysmena fossilis* Petrunkevitch, 1971 ..... Ne Chiapas amber

646. *Mysmena groehni* Wunderlich, 2004*k* ..... Pa Baltic / Bitt. amber

647. *Mysmena grotae* Wunderlich, 2004*k* ..... Pa Baltic amber

Mysmenopsis* Simon, 1897*b ..... **Neogene – Recent**

648. *Mysmenopsis lissycoleyae* Penney, 2000 ..... Ne Dominican amber

† ***Palaeomysmena* Wunderlich, 2004*k*** ..... **Palaeogene**

649. *Palaeomysmena hoffeinsorum* Wunderlich, 2004*k** ..... Pa Baltic amber

† **BALTSUCCINIDAE Wunderlich, 2004*l*** ..... **Palaeogene**

† ***Baltsuccinus* Wunderlich, 2004*l*** ..... **Palaeogene**

650. *Baltsuccinus flagellaceus* Wunderlich, 2004*l** ..... Pa Baltic amber

651. *Baltsuccinus similis* Wunderlich, 2004*l* ..... Pa Baltic amber

† **PROTHERIDIIDAE Wunderlich, 2004*l*** ..... **Cretaceous – Palaeo.**

† ***Protheridion* Wunderlich, 2004*l*** ..... **Palaeogene**

652. *Protheridion bitterfeldensis* Wunderlich, 2004*l* ..... Pa Bitterfeld amber

653. *Protheridion detritus* Wunderlich, 2004*l* ..... Pa Baltic amber

654. *Protheridion obscurum* Wunderlich, 2004*l* ..... Pa Baltic amber

655. *Protheridion punctatum* Wunderlich, 2004*l* ..... Pa Baltic amber

656. *Protheridion tibialis* Wunderlich, 2004*l** ..... Pa Baltic amber

† ***Zarqaraneus* Wunderlich, 2008*d*** ..... **Cretaceous**

657. *Zarqaraneus hudae* Wunderlich, 2008*d** ..... K Jordanian amber

† **PRAETHERIDIIDAE Wunderlich, 2004*l*** (n. stat. 2012) ..... **Palaeogene**

† ***Praetheridion* Wunderlich, 2004*l*** ..... **Palaeogene**

658.*Praetheridion fleissneri* Wunderlich, 2004*l** ..... Pa Baltic amber

SYNAPHRIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

† ***Iardinidis* Wunderlich 2004*k*** ..... **Palaeogene**

659.*Iardinidis brevipes* Wunderlich, 2004*k** ..... Pa Baltic amber

PIMOIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

***Pimoa* Chamberlin & Ivie, 1943** ..... **Palaeogene – Recent**

660.*Pimoa expandens* Wunderlich, 2004*r* ..... Pa Baltic amber

661.*Pimoa (Eopimoa) hormigai* Wunderlich, 2004*r* ..... Pa Baltic amber

662.*Pimoa inopinata* Wunderlich, 2004*r* ..... Pa Baltic amber

663.*Pimoa liedtkei* Wunderlich, 2004*r* ..... Pa Baltic amber

664.*Pimoa lingua* Wunderlich, 2004*r* ..... Pa Baltic amber

665.*Pimoa (Eopimoa) longiscapus* Wunderlich, 2008*a* ..... Pa Baltic amber

666.*Pimoa multicuspuli* Wunderlich, 2004*r* ..... Pa Baltic amber

667.*Pimoa (Eopimoa) obruens* Wunderlich, 2008*a* ..... Pa Baltic amber

Pimoa sp. *in* Wunderlich (2004*r*) ..... Pa Baltic amber

Pimoa (Eopimoa) sp. *in* Wunderlich (2008*a*) ..... Pa Baltic amber

PUMILIOPIMOIDAE Wunderlich, 2008*a* ..... **Palaeogene – Recent**

† ***Pumiliopimoa* Wunderlich, 2008*a*** ..... **Palaeogene**

668.*Pumiliopimoa parma* Wunderlich, 2008*a** ..... Pa Baltic amber

SINOPIMOIDAE Li & Wunderlich, 2008 ..... **Recent**

no fossil record

LINYPHIIDAE Blackwall, 1859 ..... **Cretaceous – Recent**

= MICRYPHANTIDAE Bertkau, 1878*a*

= ERIGONIDAE Simon, 1884*c*

?Linyphiidae gen. et sp. indet *in* McAlpine & Martin (1969) ..... K Canadian amber

Linyphiidae gen. et sp. indet *in* Penney (2002) ..... K New Jersey amber

Linyphiidae gen. et sp. indet *in* Schmidt *et al*. (2010) ..... K Ethiopian amber

Linyphiinae gen. et sp. indet *in* Penney & Selden (2002) ..... K Lebanese amber

[NB: Wunderlich (2012*d*) questioned the veracity of these Cretaceous linyphiids.]

† ***Agynetiphantes* Wunderlich, 2004*s*** ..... **Palaeogene**

669.*Agynetiphantes gibbiferus* Wunderlich, 2004*s** ..... Pa Baltic amber

***Ceratinopsis* Emerton, 1882** ..... **Quaternary – Recent**

670.*Ceratinopsis deformans* (Wunderlich, 1998) ..... Qt Madagascan copal

Cnephalocotes* Simon, 1884*c ..... **Quaternary – Recent**

671. *Cnephalocotes obscurus* (Blackwall, 1834*b*) **[Recent]** ..... Qt England

† ***Custodela*** **Petrunkevitch, 1942** ..... **Palaeogene**

= † *Obnisus* Petrunkevitch, 1942 [tenative synonomy]

672. *Custodela acuta* Wunderlich, 2004*s* ..... Pa Baltic amber

673. *Custodela acutula* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

674. *Custodela bispina* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

675. *Custodela bispinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

676. *Custodela cheiracantha* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

677. *Custodela clava* Wunderlich, 2004*s* ..... Pa Baltic amber

678. *Custodela curva* Wunderlich, 2004*s* ..... Pa Baltic amber

679. *Custodela curvata* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

680. *Custodela divergens* Wunderlich, 2004*s* ..... Pa Baltic amber

681. *Custodela expandens* Wunderlich, 2004*s* ..... Pa Baltic amber

682. *Custodela falcata* Wunderlich, 2004*s* ..... Pa Baltic amber

683. *Custodela femurspinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

684. *Custodela henningseni* Wunderlich, 2004*s* ..... Pa Baltic amber

685. *Custodela kochi* Wunderlich, 2004*s* ..... Pa Baltic amber

686. *Custodela lamellata* (Wunderlich, 1988) ..... Pa Baltic amber

687. *Custodela lanx* Wunderlich, 2004*s* ..... Pa Baltic amber

688. *Custodela oblonga* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

689. *Custodela obtusa* Wunderlich, 2004*s* ..... Pa Baltic amber

690. ?*Custodela parva* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

691. *Custodela pseudokochi* Wunderlich, 2004*s* ..... Pa Baltic amber

692. *Custodela stridulans* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

693. *Custodela tenuipes* (Petrunkevitch, 1942) ..... Pa Baltic amber

694. *Custodela tibialis* Wunderlich, 2004*s* ..... Pa Baltic amber

Custodela sp. *in* Wunderlich (2004*s*) ..... Pa Bitterfeld amber

† ***Custodelela*** **Wunderlich, 2004s** ..... **Palaeogene**

695. *Custodelela hamata* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

† ***Eolabulla*** **Wunderlich, 2004s** ..... **Palaeogene**

696. *Eolabulla falcata* Wunderlich, 2004*s* ..... Pa Baltic amber

697. *Eolabulla gladiformis* Wunderlich, 2004*s* ..... Pa Baltic amber

698. *Eolabulla laminata* Wunderlich, 2004*s** ..... Pa Baltic amber

699. *Eolabulla perforata* Wunderlich, 2004*s* ..... Pa Baltic amber

700. *Eolabulla sagitta* Wunderlich, 2004*s* ..... Pa Baltic amber

701. *Eolabulla similis* Wunderlich, 2004*s* ..... Pa Baltic amber

Eolabulla sp. 1–2 *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Eophantes*** **Wunderlich, 2004s** ..... **Palaeogene**

702. *Eophantes complicatus* Wunderlich, 2004*s** ..... Pa Baltic amber

703. ?*Eophantes seorsum* Wunderlich, 2012*c* ..... Pa Baltic amber

Erigone **Audouin, 1826** ..... **Neogene – Recent**

704.*Erigone atra* Blackwall, 1833 **[Recent]** ..... Qt England

705.?*Erigone dechenii* Bertkau, 1878*b* ..... Ne Rott, Germany

Erigone sp. *in* Hopkins *et al*. (1976) ..... Qt Alaska

Floricomus **Crosby & Bishop, 1925** ..... **Neogene – Recent**

706.*Floricomus fossilis* Penney, 2005*c* ..... Ne Dominican amber

Gonatium **Menge, 1868** ..... **Quaternary – Recent**

707.*Gonatium rubens* (Blackwall, 1833) **[Recent]** ..... Qt England

Hypselistes **Simon, 1894** ..... **Quaternary – Recent**

708.*Hypselistes jacksoni* (O. P.-Cambridge, 1902) **[Recent]** ..... Qt England

Linyphia **Latreille, 1804*a*** ..... **Palaeogene – Recent**

709.*Linyphia andraei* Bertkau, 1878*b* ..... Ne Rott, Germany

710.*Linyphia byrami* Cockerell, 1925 ..... Pa Green River

711.*Linyphia florissanti* Petrunkevitch, 1922 ..... Pa Florissant

712.*Linyphia pachygnathoides* Petrunkevitch, 1922 ..... Pa Florissant

713.*Linyphia quievreuxi* Berland, 1939 ..... Pa Aix-en-Provence

714.*Linyphia retensa* Scudder, 1890*a* ..... Pa Florissant

715.*Linyphia rottensis* Bertkau, 1878*b* ..... Ne Rott, Germany

716.*Linyphia seclusa* (Scudder, 1890*a*) ..... Pa Florissant

† ***Madagascarphantes*** **Wunderlich, 2012*a*** ..... **Quaternary**

717.*Madagascarphantes vomerans* Wunderlich, 2012*a** ..... Qt Madagascan copal

† ***Malepellis*** **Petrunkevitch, 1971** ..... **Neogene**

718.*Malepellis extincta* Petrunkevitch, 1971* ..... Ne Chiapas amber

Meioneta **Hull, 1920** ..... **Neogene – Recent**

719.*Meioneta bigibber* (Wunderlich, 1988 ..... Ne Dominican amber

720.*Meioneta fastigata* (Wunderlich, 1988) ..... Ne Dominican amber

721.*Meioneta separata* (Wunderlich, 1988) ..... Ne Dominican amber

Meioneta sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Micryphantes **C. L. Koch, 1833** ..... **Palaeogene**

722.*Micryphantes molybdinus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

723.*Micryphantes regularis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mystagogus*** **Petrunkevitch, 1942** ...[Wunderlich suggests possibly in Cyatholipidae] **Palaeogene**

724.*Mystagogus dubius* Petrunkevitch, 1958 ..... Pa Baltic amber

725.*Mystagogus glaber* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Paralabulla*** **Wunderlich, 2004*s*** ..... **Palaeogene**

726.*Paralabulla bitterfeldensis* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

727.?*Paralabulla dubia* Wunderlich, 2004*s* ..... Pa Baltic amber

728.*Paralabulla succinifera* Wunderlich, 2004*s* ..... Pa Baltic amber

Paralabulla sp. *in* Wunderlich (2004*s*, 2012*c*) ..... Pa Bitterfeld amber

Pocadicnemis **Simon, 1884*c*** ..... **Quaternary – Recent**

729.*Pocadicnemis pumila* (Blackwall, 1841) **[Recent]** ..... Qt England

Savignia **Blackwall, 1833** ..... **Quaternary – Recent**

730. *Savignia frontata* Blackwall, 1833 **[Recent]** ..... Qt England

Selenyphantes **Gertsch & Davis, 1946** ..... **Neogene – Recent**

= † *Palaeolinyphia* Wunderlich, 1986

731. *Selenyphantes flagellifera* (Wunderlich, 1986) ..... Ne Dominican amber

† ***Succineta*** **Wunderlich, 2004*s*** ..... **Palaeogene**

732. *Succineta brevispina* Wunderlich, 2004*s* ..... Pa Baltic amber

733. *Succineta discoidalis* Wunderlich, 2004*s** ..... Pa Baltic amber

Succineta sp. *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Succiphantes*** **Wunderlich, 2004*s*** ..... **Palaeogene**

734. *Succiphantes tanasevitchi* Wunderlich, 2004*s* ..... Pa Baltic amber

735. *Succiphantes velteni* Wunderlich, 2004*s** ..... Pa Baltic amber

Toschia **Caporiacco, 1949** ..... **Quaternary – Recent**

736. ?*Toschia fossilis* Wunderlich, 2004*as* ..... Qt Madagascan copal

TETRAGNATHIDAE Menge, 1866 ..... **Cretaceous – Recent**

= PACHYGNATHIDAE Menge, 1866

= METIDAE Simon, 1894

= NANOMETIDAE Forster & Forster, 1999

† ***Anameta*** **Wunderlich, 2004*h*** ..... **Palaeogene**

737. *Anameta distenda* Wunderlich, 2004*h** ..... Pa Bitterfeld amber

738. *Anameta kuntneri* Wunderlich, 2008*a* ..... Pa Baltic amber

Azilia **Keyserling, 1882** ..... **Neogene – Recent**

739. *Azilia hispaniolensis* Wunderlich, 1988 ..... Ne Dominican amber

i. = *Azilia muellenmeisteri* Wunderlich, 1988 ..... Ne Dominican amber

Azilia sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Balticgnatha*** **Wunderlich, 2011*h*** ..... **Palaeogene**

740. *Balticgnatha projectens* Wunderlich 2011*h** ..... Pa Baltic amber

† ***Baltleucauge*** **Wunderlich, 2008*a*** ..... **Palaeogene**

741. *Baltleucauge gillespiae* Wunderlich 2008*a** ..... Pa Baltic amber

742. *Baltleucauge propinqua* Wunderlich, 2012*c* ..... Pa Baltic amber

† ***Corneometa*** **Wunderlich, 2004*h*** ..... **Palaeogene**

743. *Corneometa baltica* Wunderlich 2004*h** ..... Pa Baltic amber

744. *Corneometa pilosipes* Wunderlich 2004*h* ..... Pa Baltic amber

Cyrtognatha **Keyserling, 1882** ..... **Neogene – Recent**

745. *Cyrtognatha weitschati* Wunderlich, 1988 ..... Ne Dominican amber

† ***Eometa*** **Petrunkevitch, 1958** ..... **Palaeogene**

746. *Eometa calefacta* Wunderlich, 2004*h* ..... Pa Baltic amber

747. *Eometa longipes* Petrunkevitch, 1958 ..... Pa Baltic amber

748. *Eometa occulta* Wunderlich, 2004*h* ..... Pa Baltic amber

749. *Eometa perfecta* Wunderlich, 2004*h* ..... Pa Baltic amber

750. *Eometa samlandica* Petrunkevitch, 1958* ..... Pa Baltic amber

Eometa sp. 1–2 *in* Wunderlich (2004*h*) ..... Pa Baltic amber

Homalometa* Simon, 1897*b ..... **Neogene – Recent**

751.*Homalometa fossilis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Huergina* Selden & Penney, 2003** ..... **Cretaceous**

752.*Huergina diazromerali* Selden & Penney, 2003* ..... K Las Hoyas, Spain

† ***Macryphantes* Selden, 1990** ..... **Cretaceous**

NB: Wunderlich (2015*b*) suggested this genus could be a synonym of *Paleouloborus*.

753.*Macryphantes cowdeni* Selden, 1990* ..... K Sierra de Montsech

***Meta* C. L. Koch, 1836** ..... **Palaeogene – Recent**

754.*Meta (Praetermeta) maculosa* Wunderlich, 2008*a* ..... Pa Baltic amber

755.*Meta (Praetermeta) velans* (Wunderlich, 2004*h)* ..... Pa Baltic amber

† ***Palaeometa* Petrunkevitch, 1922** ..... **Palaeogene**

756.*Palaeometa opertanea* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Palaeopachygnatha* Petrunkevitch, 1922** ..... **Palaeogene**

757.*Palaeopachygnatha cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

758.*Palaeopachygnatha scudderi* Petrunkevitch, 1922* ..... Pa Florissant

† ***Priscometa* Petrunkevitch, 1958** ..... **Palaeogene**

759.*Priscometa capta* Wunderlich, 2004*h* ..... Pa Baltic amber

760.*Priscometa minor* Wunderlich, 2004*h* ..... Pa Baltic amber

761.*Priscometa tenuipes* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Samlandicmeta* Wunderlich, 2012*c*** ..... **Palaeogene**

762.*Samlandicmeta mutila* Wunderlich, 2012*c* ..... Pa Baltic amber

Tetragnatha* Latreille, 1804*a ..... **Palaeogene – Recent**

763.*Tetragnatha parva* (Hong, 1985) ..... Ne Shanwang

764.*Tetragnatha pristina* Schawaller, 1982*c* ..... Ne Dominican amber

765.*Tetragnatha tertiaria* Scudder, 1885 ..... Pa Florissant

NEPHILIDAE Simon, 1894 ..... **Jurassic – Recent**

Nephilidae indet. *in* Wunderlich (2012*c*) ..... Pa Baltic amber

† ***Cretaraneus* Selden, 1990** ..... **Cretaceous**

766.*Cretaraneus liaoningensis* Cheng, Meng & Wang *in* Cheng *et al*., 2008 ..... K Jehol biota

767.*Cretaraneus martensnetoi* Mesquita, 1996 ..... K Crato Formation

768.*Cretaraneus vilaltae* Selden, 1990* ..... K Sierra de Montsech

† ***Eonephila* Wunderlich, 2004*i*** ..... **Palaeogene**

769.*Eonephila bitterfeldensis* Wunderlich, 2004*i* ..... Pa Bitterfeld amber

770.*Eonephila excellens* Wunderlich, 2004*i** ..... Pa Baltic amber

771.*Eonephila longembolus* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Luxurionephila* Wunderlich, 2004*i*** ..... **Palaeogene**

772.*Luxurionephila spinifera* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Minutunguis* Wunderlich, 2011*f*** ..... **Quaternary**

773.*Minutunguis silvestris* Wunderlich, 2011*f* * ..... Qt Madagascar copal

***Nephila* Leach, 1815** ..... **Cretaceous – Recent**

= † *Geratonephila* Poinar *in* Poinar & Buckley, 2012

774.*Nephila breviembolus* Wunderlich, 1986 ..... Ne Dominican amber

775.*Nephila burmanica* (Poinar *in* Poinar & Buckley, 2012) ..... K Burmese amber

NB: Wunderlich (2015*b*) suggested that this may be a synonym of *N. tenuis*

776.*Nephila dommeli* Wunderlich, 1982 ..... Ne Dominican amber

777.*Nephila furca* Wunderlich, 1986 ..... Ne Dominican amber

778.*Nephila longembolus* Wunderlich, 1986 ..... Ne Dominican amber

779.*Nephila pennatipes* Scudder, 1885 ..... Pa Florissant

780.*Nephila tenuis* Wunderlich, 1986 ..... Ne Dominican amber

Nephila sp. *in* Dunlop & Penney (2012) ..... K Crato Formation

† ***Palaeonephila* Wunderlich, 2004*i*** ..... **Palaeogene**

781.*Palaeonephila brevis* Wunderlich, 2004*i* ..... Pa Baltic amber

782.*Palaeonephila curvata* Wunderlich, 2004*i** ..... Pa Baltic amber

783.*Palaeonephila dilitans* Wunderlich, 2004*i* ..... Pa Baltic amber

784.*Palaeonephila fibula* Wunderlich, 2004*i* ..... Pa Baltic amber

785.*Palaeonephila longipes* Wunderlich, 2004*i* ..... Pa Baltic amber

† **MONGOLARACHNIDAE Selden, Shi & Ren, 2013** ..... **Jurassic**

† ***Longissipalpus* Wunderlich, 2015*b*** ..... **Cretaceous**

786.*Longissipalpus magnus* Wunderlich, 2015*b* ..... K Burmese amber

787.*Longissipalpus maior* Wunderlich, 2015*b* ..... K Burmese amber

788.*Longissipalpus minor* Wunderlich, 2015*b** ..... K Burmese amber

† ***Mongolarachne* Selden, Shi & Ren, 2013** ..... **Jurassic**

789.*Mongolarachne jurassica* (Selden, Shih & Ren, 2011)* ..... J Daohugou

† ***Pedipalparaneus* Wunderlich, 2015*b*** ..... **Cretaceous**

790.*Pedipalparaneus seldeni* Wunderlich, 2015*b** ..... K Burmese amber

† **JURARANEIDAE Eskov, 1984** ..... **Jurassic**

† ***Jurararaneus* Eskov, 1984** ..... **Jurassic**

791.*Jurararaneus rasnitsyni* Eskov, 1984 ..... J Transbaikalia

NB : Wunderlich (2015*b*) suggested this could be a haplogyne spider

ARANEIDAE Simon, 1895 ..... **Cretaceous – Recent**

= EPEIRIDAE Sundevall, 1833 [based on a generic synonym]

= EUETRIIDAE Thorell, 1887 [based on a generic synonym]

= ARGIOPIDAE Simon, 1890

= ZYGIELLIDAE Simon, 1929

?Araneinae sp. *in* Wunderlich (2004*h*) ..... Pa Baltic amber

Araneidae gen. et sp. indet. *in* Ribera (2003) ..... Qt Girona, Spain

?Mangorini indet. *in* Wunderlich (2011*a*) ..... Pa Baltic amber

Araneidae incertae sedis *in* Selden (2014*b*) ..... Pa Isle of Wight

† ***Anepeira*** **Wunderlich, 2004*i*** ..... **Palaeogene**

792.*Anepeira complicata* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Araneometa*** **Wunderlich, 1988** ..... **Neogene**

793.*Araneometa excelsa* Wunderlich, 1988 ..... Ne Dominican amber

794.*Araneometa herrlingi* Wunderlich, 1988* ..... Ne Dominican amber

795.*Araneometa spirembolus* Wunderlich, 1988 ..... Ne Dominican amber

Araneometa sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Araneus **Clerck, 1757** ..... **?Cretaceous – Recent**

796.?*Araneus* sp. *in* Wunderlich (2012*c*) ..... Pa Baltic amber

797.*Araneus absconditus* (Scudder, 1890*a*) ..... Pa Florissant

798.*Araneus aethus* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

799.*Araneus beipiaoensis* Chang, 2004 [generic assignment unreliable!] ... K Jehol biota

800.*Araneus carbonaceous* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

801.*Araneus cinefactus* (Scudder, 1890*a*) ..... Pa Florissant

802.*Araneus defunctus* Petrunkevitch, 1958 ..... Pa Baltic amber

803.*Araneus delitus* (Scudder, 1890*a*) ..... Pa Florissant

804.*Araneus emertoni* (Scudder, 1890*a*) ..... Pa Florissant

805.*Araneus exustus* Petrunkevitch, 1963 ..... Ne Chiapas amber

806.*Araneus kinchloeae* Dunlop & Jekel, 2009 ..... Pa Florissant

i. = *Araneus indistinctus* (Petrunkevitch, 1922) [preoccupied]

807.*Araneus inelegans* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

808.*Araneus leptopodus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

809.*Araneus liaoxiensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

810.*Araneus longimanus* (Petrunkevitch, 1922) ..... Pa Florissant

811.*Araneus (Calinurus) longipes* Dalman, 1826 ..... Qt Copal

812.*Araneus luianus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

813.*Araneus meeki* (Scudder, 1890*a*) ..... Pa Florissant

814.*Araneus molassicus* (Heer, 1865) ..... Ne Öhningen

815.*Araneus nanus* Wunderlich, 1988 ..... Ne Dominican amber

816.*Araneus piceus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang

817.*Araneus reheensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

818.*Araneus ruidipedalis* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

819.*Araneus troschelii* (Bertkau, 1878*b*) ..... Ne Rott, Germany

820.*Araneus vulcanalis* (Scudder, 1890*a*) ..... Pa Florissant

Argiope **Audouin, 1826** ..... **Neogene – Recent**

= † *Magnaranea* Hong, 1985

821.*Argiope furva* (Hong, 1985) ..... Ne Shanwang

† ***Bararaneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

822.?*Bararaneus annulatus* Wunderlich, 2004*i* ..... Pa Baltic amber

823.*Bararaneus evolvens* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Chrysometata*** **Wunderlich, 2004*h*** ..... **Palaeogene**

824. *Chrysometata palaearctica* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Cyclososoma*** **Petrunkevitch, 1958** ..... **Palaeogene**

825. *Cyclososoma succini* Petrunkevitch, 1958* ..... Pa Baltic amber

Enacrosoma **Mello-Leitão, 1932** ..... **Neogene – Recent**

826. *Enacrosoma verrucosa* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eoaraneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

827. *Eoaraneus complexus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Eochorizopes*** **Wunderlich, 2008*a*** ..... **Palaeogene**

828. *Eochorizopes szeklinskiae* Wunderlich, 2008*a** ..... Pa Baltic amber

† ***Eozygiella*** **Wunderlich, 2004*h*** ..... **Palaeogene**

829. *Eozygiella compacta* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Fossilaraneus*** **Wunderlich, 1988** ..... **Neogene**

830. *Fossilaraneus incertus* Wunderlich, 1988* ..... Ne Dominican amber

Gea **C. L. Koch, 1843a** ..... **Palaeogene – Recent**

831. *Gea krantzi* von Heyden, 1859 ..... Ne Rott, Germany

† ***Eustaloides*** **Petrunkevitch, 1842** ..... **Palaeogene**

= † *Graea* Thorell, 1869 [older synonym, but preoccupied]

832. *?Eustaloides aberrans* (Wunderlich, 2004*h*) ..... Pa Baltic amber

833. *Eustaloides bitterfeldensis* (Wunderlich, 2004*h*) ..... Pa Bitterfeld amber

834. *Eustaloides breviembolus* (Wunderlich, 2004*h*) ..... Pa Baltic amber

835. *Eustaloides brevis* (Wunderlich, 2004*h*) ..... Pa Baltic amber

836. *Eustaloides calceatus* Petrunkevitch, 1950 ..... Pa Baltic amber

837. *Eustaloides epeiroidea* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

838. *Eustaloides impudica* (Wunderlich, 2004*h*) ..... Pa Baltic amber

839. *Eustaloides lingula* (Wunderlich, 2004*h*) ..... Pa Baltic amber

840. *Eustaloides magnocoli* (Wunderlich, 2012*c*) ..... Pa Baltic amber

841. *Eustaloides minor* Petrunkevitch, 1950 ..... Pa Baltic amber

842. *Eustaloides setosa* Petrunkevitch, 1942* ..... Pa Baltic amber

843. *Eustaloides succini* Petrunkevitch, 1942 ..... Pa Baltic amber

Hypognatha **Guérin, 1839** ..... **Quaternary – Recent**

844. *Hypognatha testudinaria* (Taczanowski, 1879) **[Recent]** ..... Qt Colombian copal

† ***Meditrina*** **Petrunkevitch, 1942** ..... **Palaeogene**

845. *Meditrina circumvallata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mesozygiella*** **Penney & Ortuño, 2006** ..... **Cretaceous**

846. *Mesozygiella dunlopi* Penney & Ortuño, 2006* ..... K Álava amber

† ***Miraraneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

847. *Miraraneus peregrinus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Mirometa*** **Petrunkevitch, 1963** ..... **Neogene**

848. *Mirometa valdespinosa* Petrunkevitch, 1963 ..... Ne Chiapas amber

Molinaranea **Mello-Leitão, 1940** ..... **Neogene – Recent**

849. *Molinaranea mitnickii* Saupe, Selden & Penney, 2010 ..... Ne Dominican amber

† ***Pycnosinga* Wunderlich, 1988** ..... **Neogene**

850.*Pycnosinga fossilis* Wunderlich, 1988* ..... Ne Dominican amber

† ***Pulchellaranea* Poinar, 2015** ..... **Neogene**

851.*Pulchellaranea pedunculata* Poinar, 2015* ..... Ne Dominican amber

† ***Testudinaroides* Dunlop & Jekel, 2008** ..... **Neogene**

= † *Testudinaria* Zhang, Sun & Zhang, 1994 [preoccupied]

852.*Testudinaroides papposa* (Zhang, Sun & Zhang, 1994) ..... Ne Shanwang

† ***Tethneus* Scudder, 1885** ..... **Palaeogene**

= † *Melanites* Hong, 1985

853.*Tethneus guyoti* Scudder, 1890*a* ..... Pa Florissant

854.*Tethneus hentzi* Scudder, 1885* ..... Pa Florissant

855.*Tethneus obduratus* Scudder, 1890*a* ..... Pa Florissant

856.*Tethneus orbiculatus* (Hong, 1985) ..... Ne Shanwang

857.*Tethneus provectus* Scudder, 1890*a* ..... Pa Florissant

858.*Tethneus robustus* Petrunkevitch, 1922 ..... Pa Florissant

859.*Tethneus twenhofeli* Petrunkevitch, 1922 ..... Pa Florissant

***Zilla* C. L. Koch, 1834** ..... **Palaeogene – Recent**

860.*Zilla gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

861.*Zilla porrecta* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

862.*Zilla veterana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

RETROLATERAL TIBIAL APOPHYSIS CLADE ..... **Cretaceous – Recent**

?RTA-clade *in* Wunderlich (2008*d*) ..... K Burmese amber

LYCOSOIDEA Sundevall, 1833 ..... **Cretaceous – Recent**

† ***Korearachne* Selden, Nam, Kim & Kim, 2012** ..... **Cretaceous**

863.*Korearachne jinju* Selden, Nam, Kim & Kim, 2012* ..... K Sacheon, S. Korea

Tentative assignment to Lycosoidea; disputed by Wunderlich (2012*d*) who suggested it could be a haplogyne spider in Pholcoidea or Leptonetoidea

LYCOSIDAE Sundevall, 1833 ..... **?Cretaceous – Recent**

Lycosidae gen. et sp. *in* Bottali (1975) ..... Qt Italy

Lycosidae gen. et sp. *in* Schawaller (1982*d*) ..... Ne Willershausen

Lycosidae gen. et sp. *in* Penney (2001) ..... Ne Dominican amber

Lycosidae gen. et sp. *in* Kim & Nam (2012) [unreliable record] ..... K Lioyuan, China

Alopecosa* Simon, 1885*b ..... **Quaternary – Recent**

864.*Alopecosa ?pulverulenta* (Clerck, 1757) **[Recent]** ..... Qt England

† ***Dryadia* Zhang, Sun & Zhang, 1994** ..... **Palaeogene**

865.*Dryadia acanthopoda* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

Lycosa* Latreille, 1804*a ..... **Palaeogene – Recent**

866.*Lycosa florissanti* Petrunkevitch, 1922 ..... Pa Florissant

867.*Lycosa lithographica* Schawaller & Ono, 1979 ..... Ne Randecker Maar

868.*Lycosa malleata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

869.*Lycosa miocaena* Schawaller & Ono, 1979 ..... Ne Randecker Maar

870.*Lycosa subterranea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Pardosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

871.*Pardosa pullata* (Clerck, 1757) **[Recent]** ..... Qt England

Pardosa sp. *in* Scott (2003) ..... Qt England

***Pirata* Sundevall, 1833** ..... **Quaternary – Recent**

872.*Pirata ?piraticus (*Clerck, 1757) **[Recent]** ..... Qt England

***Trochosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

873.*Trochosa terricola* Thorell, 1856 **[Recent]** ..... Qt England

† **PARATTIDAE Petrunkevitch, 1922** ..... **Palaeogene**

† ***Parattus* Petrunkevitch, 1922** ..... **Palaeogene**

874.*Parattus evocatus* (Scudder, 1890*a*) ..... Pa Florissant

875.*Parattus latitatus* (Scudder, 1890*a*) ..... Pa Florissant

876.*Parattus oculatus* Petrunkevitch, 1922 ..... Pa Florissant

877.*Parattus resurrectus* (Scudder, 1890*a*)* ..... Pa Florissant

TRECHALEIDAE Simon, 1890 ..... **Palaeogene – Recent**

= TRICLARIDAE O. P.-Cambridge, 1877 [*nomen oblitum*]

= PERISSOBLEMMATIDAE O. P.-Cambridge, 1882*b* [based on a synonym]

Trechaleidae sp. *in* Wunderlich (2004*aa*) ..... Pa Baltic amber

† ***Eotrechalea* Wunderlich, 2004*aa*** ..... **Palaeogene**

878.*Eotrechalea annulata* Wunderlich, 2004*aa** ..... Pa Baltic amber

† ***Esuritor* Petrunkevitch, 1942** ..... **Palaeogene**

879.*Esuritor aculeatus* Petrunkevitch, 1958 ..... Pa Baltic amber

880.*Esuritor spinipes* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Linoptes* Menge, 1854** ..... **Palaeogene**

881.?'*Linoptes*' *oculeus* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

NB: *Linoptes* mentioned as a *nomen nudum* by Wunderlich (2004*z*); this species listed by Wunderlich (2004*aa*) under Trechaleidae and another species under Pisauridae (see below)

PISAURIDAE Simon, 1890 ..... **Palaeogene – Recent**

= BRADYSTICHIDAE Simon, 1884

= DOLOMEDIDAE Simon, 1898*a*

= HALIDAE Jocqué, 1994

Pisauridae sp. *in* Wunderlich (1988) ..... Pa Dominican amber

Pisauridae sp. *in* Wunderlich (2004*z*) ..... Pa Baltic amber

Dolomedes* Latreille, 1804*a ..... **Quaternary – Recent**

882.*Dolomedes fimbriatus* (Clerck, 1757) **[Recent]** ..... Qt England

† '***Linoptes***' **Menge, 1854** ..... **Palaeogene**

= † *Eopisaurella* Petrunkevitch, 1958

NB: See notes on *Linoptes* under Trechaleidae above!

883.?*'Linoptes' valdespinosa* (Petrunkevitch, 1958)* ..... Pa Baltic amber

?*'Linoptes'* sp. 1–8 *in* Wunderlich (2004*z*) ..... Pa Baltic amber

† *Palaeoperenethis* Selden & Penney, 2009 ..... **Palaeogene**

884.*Palaeoperenethis thaleri* Selden & Penney, 2009* ..... Pa British Columbia

OXYOPIDAE Thorell, 1870a ..... **Palaeogene – Recent**

= SPHASIDAE O. P.-Cambridge, 1871

= HAMATALIVIDAE Marx, 1890*b*

Oxyopidae sp. *in* Wunderlich 2004*ab* ..... Pa Bitterfeld amber

***Oxyopes* Latreille, 1804a** ..... **Palaeogene – Recent**

885.*Oxyopes defectus* Wunderlich, 1988 ..... Ne Dominican amber

886.'*Oxyopes*' *succini* Petrunkevitch, 1958 ..... Pa Baltic amber

Oxyopes sp. *in* Wunderlich (1988, 2004*ab*) ..... Ne Dominican amber

† ***Planoxyopes* Petrunkevitch, 1963** ..... **Neogene**

887.*Planoxyopes eximius* Petrunkevitch, 1963* ..... Ne Chiapas amber

i. = *Planoxyopes fossilis* Wunderlich, 1988 [*lapsus*] ..... Ne Chiapas amber

SENOCULIDAE Simon, 1890 ..... **Recent**

= NEOTHEREUTOIDAE Holmberg, 1883 [based on a generic synonym]

no fossil record

STIPHIDIIDAE Dalmas, 1917 ..... **Recent**

no fossil record

ZOROCRATIDAE Dahl, 1913 ..... **Recent**

no fossil record

PSECHRIDAE Simon, 1890 ..... **Recent**

no fossil record

ZOROPSIDAE Bertkau, 1882 ..... **Palaeogene – Recent**

Zoropsidae sp. *in* Wunderlich (2004*x*) ..... Pa Baltic / Bitt. amber

† ***Eomatachia* Petrunkevitch, 1942** ..... **Palaeogene**

888.*Eomatachia barbarus* Wunderlich, 2004*x* ..... Pa Baltic amber

889.*Eomatachia bipartita* Wunderlich, 2004*x* ..... Pa Baltic amber

890.*Eomatachia divergens* Wunderlich, 2004*x* ..... Pa Baltic amber

891.*Eomatachia duplex* Wunderlich, 2004*x* ..... Pa Baltic amber

892.*Eomatachia latifrons* Petrunkevitch, 1942* ..... Pa Baltic amber

893.*Eomatachia recedens* Wunderlich, 2004*x* ..... Pa Baltic amber

894.*Eomatachia succini* (Petrunkevitch, 1942) ..... Pa Baltic amber

895.*Eomatachia wegneri* Wunderlich, 2004*x* ..... Pa Baltic amber

896.*Eomatachia xanthippe* Wunderlich, 2004*x* ..... Pa Baltic amber

† ***Eoprychia* Petrunkevitch, 1958** ..... **Palaeogene**

897.*Eoprychia succini* Petrunkevitch, 1958* ..... Pa Baltic amber
898.*Eoprychia succinopsis* Wunderlich, 2004*x* ..... Pa Baltic amber
899.*Eoprychia vicina* Wunderlich, 2004*x* ..... Pa Baltic amber
Eoprychia sp. *in* Wunderlich (2004*x*) ..... ?Pa not specified

† ***Succiniropsis* Wunderlich, 2004x** ..... **Palaeogene**
900.*Succiniropsis kutscheri* Wunderlich, 2004*x** ..... Pa Baltic / Bitt. Amber
901.*Succiniropsis runcinata* Wunderlich, 2012*c* ..... Pa Baltic amber
902.*Succiniropsis samlandica* Wunderlich, 2004*x* ..... Pa Baltic amber

† **INSECUTORIDAE Petrunkevitch, 1942** ..... **Palaeogene**
† ***Insecutor* Petrunkevitch, 1942** ..... **Palaeogene**
903.*Insecutor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber
904.*Insecutor mandibulatus* Petrunkevitch, 1942 ..... Pa Baltic amber
905.?*Insecutor pecten* Wunderlich, 2004*y* ..... Pa Baltic amber
906.*Insecutor rufus* Petrunkevitch, 1942 ..... Pa Baltic amber
907.?*Insecutor spinifer* Wunderlich, 2004*y* ..... Pa Baltic amber
?*Insecutor* sp. *in* Wunderlich (2004*y*) ..... Pa Baltic amber

† **SUCCINOMIDAE Wunderlich, 2012*c*** ..... **Palaeogene**
† ***Eohalinobius* Wunderlich, 2008*c*** ..... **Palaeogene**
908.*Eohalinobius calefactus* Wunderlich, 2012*c* ..... Pa Baltic amber
909.*Eohalinobius hiddenseeensis* Wunderlich, 2012*c* ..... Pa Baltic amber
910.*Eohalinobius patina* Wunderlich, 2012*c* ..... Pa Baltic amber
911.*Eohalinobius scutatus* Wunderlich, 2008*c* ..... Pa Baltic amber
† ***Succinomus* Wunderlich, 2008*c*** ..... **Palaeogene**
912.*Succinomus duomammillae* Wunderlich, 2008*c* ..... Pa Baltic amber
913.*?Succinomus gibbosus* Wunderlich, 2012*c* ..... Pa Baltic amber

CTENIDAE Keyserling, 1877 ..... **Neogene – Recent**
= ACANTHOCTENIDAE Simon, 1892*b*
† ***Nanoctenus* Wunderlich, 1988** ..... **Neogene**
914.*Nanoctenus longipes* Wunderlich, 1988* ..... Ne Dominican amber

AGELENIDAE C. L. Koch, 1837 ..... **Palaeogene – Recent**
= TEGENARIDAE Prach, 1860
= † INCEPTORIDAE Petrunkevitch, 1942
***Agelena* Walckenaer, 1805** ..... **Palaeogene – Recent**
915.*Agelena tabida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
***Histopona* Thorell, 1869** ..... **Palaeogene – Recent**
916.?*Histopona anthracina* Bertkau, 1878*b* ..... Ne Rott, Germany
† ***Inceptor* Petrunkevitch, 1942** ..... **Palaeogene**
917.*Inceptor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

918. *Inceptor dubius* Petrunkevitch, 1946 ..... Pa Baltic amber

Tegenaria **Latreille, 1804a** ..... **Palaeogene – Recent**

919. ?*Tegenaria fragmentum* Wunderlich, 2004*w* ..... Pa Baltic amber

920. *Tegenaria lacazei* Gourret, 1887 ..... Pa Aix-en-Provence

921. ?*Tegenaria obtusa* Wunderlich, 2004*w* ..... Pa Baltic amber

922. *Tegenaria virilis* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

DICTYNOIDEA O. P.-Cambridge, 1871 ..... **Palaeogene – Recent**

Dictynoidea *incertae sedis*

† ***Sinodictyna*** **Hong, 1982** ..... **Palaeogene**

923. *Sinodictyna fushunensis* Hong, 1982* ..... Pa Fu Shun amber

CYBAEIDAE Simon, 1898*a* ..... **Palaeogene – Recent**

= ARGYRONETIDAE Thorell, 1870*a* [both family names protected by usage]

Argyroneta **Latreille, 1804*a*** ..... **?Neogene – Recent**

924. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** ..... Qt England

925. ?*Argyroneta longipes* Heer, 1865 ..... Ne Öhningen

† ***Vectaraneus*** **Selden, 2001** ..... **Palaeogene**

926. *Vectaraneus yulei* Selden, 2001* ..... Pa Bembridge Marls

DESIDAE Pocock, 1895 ..... **Palaeogene – Recent**

Myro **O. P.-Cambridge, 1876** ..... **Palaeogene – Recent**

927. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]. Pa Baltic amber

928. *Myro hirsutus* Petrunkevitch, 1942 ..... Pa Baltic amber

AMPHINECTIDAE Forster & Wilton, 1973 ..... **Recent**

= NEOLANIDAE Forster & Wilton, 1973

no fossil record

CYCLOCTENIDAE Simon, 1898*a* ..... **Recent**

no fossil record

HAHNIIDAE Bertkau, 1878*a* ..... **Palaeogene – Recent**

† ***Cymbiohahnia*** **Wunderlich, 2004*v*** ..... **Palaeogene**

929. *Cymbiohahnia parens* Wunderlich, 2004*v* ..... Pa Baltic, Bitterfeld & Rovno amber

† ***Eohahnia*** **Petrunkevitch, 1958** ..... **Palaeogene**

930. *Eohahnia succini* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Protohahnia*** **Wunderlich, 2004v** ..... **Palaeogene**

931. *Protohahnia antiqua* Wunderlich, 2004*v** ..... Pa Baltic amber

932. *Protohahnia tripartita* Wunderlich, 2004*v* ..... Pa Baltic amber

genus uncertain

933. '*Tegenaria*' *obscura* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

DICTYNIDAE O. P.-Cambridge, 1871 ..... **Cretaceous – Recent**

= RHIOIDAE Thorell, 1873

= † ARTHRODICTYNIDAE Petrunkevitch, 1942

Dictynidae gen. et sp. indet *in* Penney (2002) ..... K New Jersey amber

Dictynidae sp. 1–2 *in* Wunderlich (2004v) ..... Pa Baltic amber

Dictynidae sp. 1–5 *in* Wunderlich (2008*d*) ..... K Burmese amber

Dictyninae indet *in* Wunderlich (2012*b*) ..... Pa Rovno amber

***Argenna* Thorell, 1870a** ..... **Neogene – Recent**

934.*Argenna fossilis* Petrunkevitch *in* Palmer, 1957 ..... Ne Mojave Desert

† ***Arthrodictyna* Petrunkevitch, 1942** ..... **Palaeogene**

935.*Arthrodictyna segmentata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Balticocryphoeca* Wunderlich, 2004v** ..... **Palaeogene**

936.*Balticocryphoeca curvitarsis* Wunderlich, 2004*v** ..... Pa Baltic / Bitt. amber

† ***Brommellina* Wunderlich, 2004v** ..... **Palaeogene**

937.*Brommellina longungulae* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Chelicirrum* Wunderlich, 2004*v*** ..... **Palaeogene**

938.*Chelicirrum stridulans* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Cryphoezaga* Wunderlich, 2004*v*** ..... **Palaeogene**

939.*Cryphoezaga dubia* Wunderlich, 2004*v** ..... Pa Baltic amber

***Dictyna* Sundevall, 1833** ..... **Quaternary – Recent**

940.*Dictyna rufa* Wunderlich, 2012*a* ..... Qt Madagascan copal

† ***Eobrommella* Wunderlich, 2004*v*** ..... **Palaeogene**

941.*Eobrommella scutata* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eocryphoeca* Petrunkevitch, 1946** ..... **Palaeogene**

942.*Eocryphoeca bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

943.*Eocryphoeca electrina* Wunderlich, 2004*v* ..... Pa Baltic amber

944.*Eocryphoeca falcata* Wunderlich, 2004*v* ..... Pa Baltic amber

945.*Eocryphoeca gibbifera* Wunderlich, 2004*v* ..... Pa Baltic amber

946.*Eocryphoeca gracilipes* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

947.*Eocryphoeca ligula* Wunderlich, 2004*v* ..... Pa Baltic amber

948.*Eocryphoeca mammilla* Wunderlich, 2004*v* ..... Pa Baltic amber

949.*Eocryphoeca splendens* Wunderlich, 2004*v* ..... Pa Baltic amber

Eocryphoeca sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Eocryphoecara* Wunderlich, 2004*v*** ..... **Palaeogene**

950.*Eocryphoecara abicera* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eodictyna* Wunderlich, 2004*v*** ..... **Palaeogene**

951.*Eodictyna communis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eolathys* Petrunkevitch, 1950** ..... **Palaeogene**

952.*Eolathys debilis* Petrunkevitch, 1950 ..... Pa Baltic amber

953.*Eolathys succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Flagelldictyna* Wunderlich, 2012*a*** ..... **Quaternary**

954.*Flagelldictyna copalis* Wunderlich, 2012*a** ..... Qt Madagascar copal

† ***Gibbermastigusa* Wunderlich, 2004*v*** ..... **Palaeogene**

955.*Gibbermastigusa lateralis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Hispaniolyna* Wunderlich, 1988** ..... **Neogene**

956.*Hispaniolyna hirsuta* Wunderlich, 1988 ..... Ne Dominican amber

957.*Hispaniolyna magna* Wunderlich, 1988* ..... Ne Dominican amber

† ***Mastigusa* Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Eotetrilus* Wunderlich, 1982 [*nomen nudum*]

958.*Mastigusa acuminata* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

959.*Mastigusa arcuata* Wunderlich, 2004*v* ..... Pa Baltic amber

960.*Mastigusa bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

961.*Mastigusa laticymbium* Wunderlich, 2004*v* ..... Pa Baltic amber

962.*Mastigusa magnibulbus* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

963.*Mastigusa media* Wunderlich, 1986 ..... Pa Baltic amber

964.*Mastigusa modesta* Wunderlich, 1986 ..... Pa Baltic amber

965.*Mastigusa scutata* Wunderlich, 2004*v* ..... Pa Baltic amber

Mastigusa sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Mizagalla* Wunderlich, 2004*v*** ..... **Palaeogene**

966.*Mizagalla quattuor* Wunderlich, 2004*v** ..... Pa Baltic amber

967.*Mizagalla tuberculata* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Palaeodictyna* Wunderlich, 1988** ..... **Neogene**

968.*Palaeodictyna intermedia* Wunderlich, 1988 ..... Ne Dominican amber

969.*Palaeodictyna longispina* Wunderlich, 1988 ..... Ne Dominican amber

970.*Palaeodictyna singularis* Wunderlich, 1988 ..... Ne Dominican amber

971.*Palaeodictyna spiculum* Wunderlich, 1988 ..... Ne Dominican amber

972.*Palaeodictyna termitophila* Wunderlich, 1988* ..... Ne Dominican amber

973.*Palaeodictyna unispina* Wunderlich, 1988 ..... Ne Dominican amber

† ***Palaeolathys* Wunderlich, 1986** ..... **Neogene**

974.*Palaeolathys circumductus* Wunderlich, 1988 ..... Ne Dominican amber

975.*Palaeolathys copalis* Wunderlich, 1986 ..... Qt Dominican copal

976.*Palaeolathys quadruplex* Wunderlich, 1988 ..... Ne Dominican amber

977.*Palaeolathys similis* Wunderlich, 1988 ..... Ne Dominican amber

978.*Palaeolathys spinosa* Wunderlich, 1986* ..... Ne Dominican amber

Palaeolathys sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Protomastigusa* Wunderlich, 2004*v*** ..... **Palaeogene**

979.*Protomastigusa composita* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Scopulyna* Wunderlich, 2004*v*** ..... **Palaeogene**

980.*Scopulyna cursor* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Succinya* Wunderlich, 1988** ..... **Neogene**

981.*Succinya longembolus* Wunderlich, 1988 ..... Ne Dominican amber

982. *Succinya pulcher* Wunderlich, 1988* ..... Ne Dominican amber

983. *Succinya spinipalpus* Wunderlich, 1988 ..... Ne Dominican amber

Thallumetus* Simon, 1892*b ..... **Subrecent – Recent**

984. *Thallumetus copalis* Wunderlich, 2004*at* ..... Qt Colombian copal

AMAUROBIIDAE Thorell, 1870*a* ..... **Palaeogene – Recent**

= CINIFLONIDAE Blackwall, 1841

[partly also Dictynidae; based on a generic synonym]

Amaurobiinae sp. *in* Wunderlich (2004*u*) ..... Pa Baltic amber

PHYXELIDIDAE Lehtinen, 1967 ..... **Recent**

no fossil record

TITANOECIDAE Lehtinen, 1967 ..... **Quaternary – Recent**

† ***Copaldictyna* Wunderlich, 2004*v*** ..... **Quaternary**

Tentative transfer by Wunderlich (2012*a*)

985. *Copaldictyna madagascariensis* Wunderlich, 2004*v** ..... Qt Madagascan copal

NICODAMIDAE Simon, 1898 ..... **Recent**

= MEGADICTYNIDAE Lehtinen, 1967

no fossil record

TENGELLIDAE Dahl, 1908 ..... **Recent**

no fossil record

EUTICHURIDAE Lehtinen, 1967 ..... **Recent**

= CHEIRACANTHIDAE Wagner, 1887

***Strotarchus* Simon, 1888** ..... **Neogene – Recent**

= † *Mimeutychurus* Petrunkevitch, 1963 [tentative synonomy]

986. *Strotarchus heidti* Wunderlich, 1988 ..... Ne Dominican amber

987. *Strotarchus paradoxus* (Petrunkevitch, 1963) ..... Ne Chiapas amber

MITURGIDAE Simon, 1885*a* ..... **Palaeogene – Recent**

= ZORIDAE F.O.P.-Cambridge, 1893

† ***Zorapostenus* Wunderlich, 2008*c*** ..... **Palaeogene**

988. *Zorapostenus raveni* Wunderlich, 2008*c* ..... Pa Baltic amber

ANYPHAENIDAE Bertkau, 1878a ..... **Palaeogene – Recent**

= AMAUROBIOIDIDAE Hickman, 1949

***Anyphaena* Sundevall, 1833** ..... **Palaeogene – Recent**

989. '*Anyphaena*' *fuscata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Anyphaenoides* Berland, 1913** ..... **Neogene – Recent**

990.*Anyphaenoides bulla* (Wunderlich, 1988) ..... Ne Dominican amber

***Lupettiana* Brescovit, 1997** ..... **Neogene – Recent**

991.*Lupettiana ligula* (Wunderlich, 1988) ..... Ne Dominican amber

***Wulfila* O. P.-Cambridge, 1895** ..... **Neogene – Recent**

992.*Wulfila spinipes* Wunderlich, 1988 ..... Ne Dominican amber

LIOCRANIDAE Simon, 1897*a* ..... **Palaeogene – Recent**

?Liocranidae *in* Wunderlich (1988) ..... Ne Dominican amber

***Apostenus* Westring, 1851** ..... **Palaeogene – Recent**

993.*Apostenus arnoldorum* Wunderlich, 2004*ag* ..... Pa Baltic amber

994.*Apostenus bigibber* Wunderlich, 2004*ag* ..... Pa Baltic / Bitt. amber

995.*Apostenus spinimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Donuea* Strand, 1932** ..... **Quaternary – Recent**

996.*Donuea collustrata* Bosselaers & Dierick, 2010 **[Recent]** ..... Qt – R Madagascar

† ***Palaeospinisoma* Wunderlich, 2004*ag*** ..... **Palaeogene**

997.*Palaeospinisoma femoralis* Wunderlich, 2004*ag** ..... Pa Baltic amber

CLUBIONOIDEA *incertae sedis*

Wunderlich (2011*d*) proposed removing almost all the amber fossils from the clubionids *sensu stricto*. We follow this in part for the two genera below, but would prefer a more formal treatment before accepting all these transfers. In general the delimitation of even modern clubionids, and related forms, is problematic.

† ***Concursator* Petrunkevitch, 1958** ..... **Palaeogene**

998.*Concursator nudipes* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Systariella* Wunderlich, 2004*af*** ..... **Palaeogene**

999.*Systariella magnioculi* Wunderlich, 2004*af** ..... Pa Baltic amber

CLUBIONIDAE Simon, 1895 ..... **Palaeogene – Recent**

Clubionidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

***Clubiona* Latreille, 1804a** ..... **Palaeogene – Recent**

1000. *Clubiona arcana* Scudder, 1890*a* ..... Pa Florissant

1001. *Clubiona attenuata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1002. *Clubiona curvispinosa* Petrunkevitch, 1922 ..... Pa Florissant

1003. *Clubiona florissanti* Petrunkevitch, 1922 ..... Pa Florissant

1004. *Clubiona lanata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1005. *Clubiona microphthalma* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1006. *Clubiona pubescens* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1007. *Clubiona sericea* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1008. *Clubiona tomentosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Desultor* Petrunkevitch, 1942** ..... **Palaeogene**

1009. *Desultor depressus* Petrunkevitch, 1942 ..... Pa Baltic amber

***Elaver* O. P.-Cambridge, 1898** ..... **Neogene – Recent**

1010. *Elaver nutua* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eobumbatrix* Petrunkevitch, 1922** ..... **Palaeogene**

1011. *Eobumbatrix latebrosa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eodoter* Petrunkevitch, 1958** ..... **Palaeogene**

1012. *Eodoter eopala* Wunderlich, 2004*af* ..... Pa Baltic amber

1013. *Eodoter lonimammillae* Wunderlich, 2012*c* ..... Pa Baltic amber

1014. *Eodoter magnificus* Petrunkevitch, 1958* ..... Pa Baltic amber

1015. *Eodoter scutatus* Wunderlich, 2011*d* ..... Pa Baltic amber

1016. *?Eodoter tibialis* Wunderlich, 2011*d* ..... Pa Baltic amber

† ***Eostentatrix* Petrunkevitch, 1922** ..... **Palaeogene**

1017. *Eostentatrix cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

1018. *Eostentatrix ostentata* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eoversatrix* Petrunkevitch, 1922** ..... **Palaeogene**

1019. *Eoversatrix eversa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Machilla* Petrunkevitch, 1958** [family uncertain] ..... **Palaeogene**

1020. *Machilla setosa* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Massula* Petrunkevitch, 1942** [family uncertain] ..... **Palaeogene**

1021. *Massula klebsi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Prosocer* Petrunkevitch, 1963** ..... **Neogene**

1022. *Prosocer mollis* Petrunkevitch, 1963* ..... Ne Chiapas amber

Clubionidae *incertae sedis*

† ***Chiapasona* Petrunkevitch, 1963** ..... **Neogene**

1023. *Chiapasona defuncta* Petrunkevitch, 1963* ..... Ne Chiapas amber

CORINNIDAE Karsch, 1880*a* ..... **Palaeogene – Recent**

= MYRMECIIDAE C. L. Koch, 1851 [name already used for ants]

NB: Extinct genera were not considered in the otherwise comprehensive revision of Ramírez (2014), some fossil corinnids may now belong in other families.

† ***Ablator* Petrunkevitch, 1942** ..... **Palaeogene**

= † *Abliguritor* Petrunkevitch, 1942

1024. *Ablator biguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

1025. *Ablator curvatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

1026. *Ablator deminuens* Wunderlich, 2004*ah* ..... Pa Baltic amber

1027. *Ablator depressus* Wunderlich, 2004*ah* ..... Pa Baltic amber

1028. *Ablator duomammillae* Wunderlich, 2004*ah* ..... Pa Baltic amber

1029. *Ablator felix* (Petrunkevitch, 1958) ..... Pa Baltic amber

1030. *Ablator inevolvens* Wunderlich, 2004*ah* ..... Pa Baltic amber

1031. *Ablator longus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1032. *Ablator nonguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1033. *Ablator parvus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1034. *Ablator plumosus* (Petrunkevitch, 1950) ..... Pa Baltic amber
1035. *Ablator robustus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1036. *Ablator scutatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1037. *Ablator splendens* Wunderlich, 2004*ah* ..... Pa Baltic amber
1038. *Ablator triguttatus* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
    i. = *Philodromus microcephalus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
    ii. = *Philodromus squamiger* C. L. Koch & Berendt, 1854 ..Pa Baltic amber
    iii. = *Abligurator niger* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Alterphrurolithus* Wunderlich, 2004*ah*** ..... **Palaeogene**

1039. *Alterphrurolithus longipes* Wunderlich, 2004*ah* ..... Pa Baltic amber

Castianeira* Keyserling, 1880*b ..... **Neogene – Recent**

1040. *Castianeira tenebricosa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Chemmisomma* Wunderlich, 1988** ..... **Neogene**

1041. *Chemmisomma dubia* Wunderlich, 1988* ..... Ne Dominican amber

Corinna* C. L. Koch, 1842*a ..... **Neogene – Recent**

1042. *Corinna flagelliformis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Cornucymbium* Wunderlich, 2004*ah*** ..... **Palaeogene**

1043. *Cornucymbium insolens* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Cryptoplanus* Petrunkevitch, 1958** ..... **Palaeogene**

1044. *Cryptoplanus bulbosus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1045. *Cryptoplanus complicatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
1046. *Cryptoplanus incidens* Wunderlich, 2004*ah* ..... Pa Baltic amber
1047. *Cryptoplanus lanatus* (Petrunkevitch, 1958) ..... Pa Baltic amber
1048. *Cryptoplanus paradoxus* Petrunkevitch, 1958* ..... Pa Baltic amber
1049. *Cryptoplanus sericatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1050. *Cryptoplanus sinuosus* Wunderlich, 2004*ah* ..... Pa Baltic amber
Cryptoplanus sp. *in* Wunderlich (2004*ah*) ..... Pa Baltic amber

† ***Eomazax* Petrunkevitch, 1958** ..... **Palaeogene**

1051. *Eomazax pulcher* Petrunkevitch, 1958* ..... Pa Baltic amber

Megalostrata* Karsch, 1880*a ..... **Neogene – Recent**

1052. *Megalostrata grandis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Myrmecorinna* Wunderlich, 2004*ah*** ..... **Palaeogene**

1053. *Myrmecorinna gracilis* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Palpiraptor* Wunderlich, 2011*f*** ..... **Quaternary**

1054. *Palpiraptor myrmarachnoides* Wunderlich, 2011*f** ..... Qt Madagascar copal

† ***Protoorthobula* Wunderlich, 2004*ah*** ..... **Palaeogene**

1055. *Protoorthobula bifida* Wunderlich, 2004*ah** ..... Pa Baltic amber

1056. *Protoorthobula deelemani* Wunderlich, 2004*ah* ..... Pa Baltic / Bitt. Amber

TRACHELIDAE Simon,1897 ..... **Neogene – Recent**

***Trachelas* L. Koch, 1872** ..... **Neogene**

1057. *Trachelas poinari* Penney, 2001 ..... Ne Dominican amber

PHRUROLITHIDAE Banks, 1892 ..... **Palaeogene – Recent**

Phrurolithus* C. L. Koch, 1839*b ..... **Palaeogene – Recent**

1058. *Phrurolithus extinctus* Petrunkevitch, 1958 ..... Pa Baltic amber

1059. *Phrurolithus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber

1060. *Phrurolithus ipseni* Petrunkevitch, 1958 ..... Pa Baltic amber

ZODARIIDAE Thorell, 1881 ..... **Palaeogene – Recent**

= CRYPTOTHELIDAE L. Koch, 1872 [younger name protected by useage]

= † ADJUTORIDAE Petrunkevitch, 1942

Zodariidae gen. et sp. indet 1–4 *in* Wunderlich (2004*ae*) ..... Pa Baltic amber

† ***Adjutor* Petrunkevitch, 1942** ..... **Palaeogene**

1061. *Adjutor deformis* Petrunkevitch, 1958 ..... Pa Baltic amber

1062. *Adjutor mirabilis* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Admissor* Petrunkevitch, 1942** ..... **Palaeogene**

1063. *Admissor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Adorator* Petrunkevitch, 1942** ..... **Palaeogene**

1064. *Adorator hispidus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Rovno amber

i. = *Segestria cylindrica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

ii. = *Eresus curtipes* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

iii. = *Eresus monachus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

iv. = *Adorator brevipes* Petrunkevitch, 1942* ..... Pa Baltic amber

1065. *Adorator samlandicus* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Angusdarion* Wunderlich, 2004*ae*** ..... **Palaeogene**

1066. *Angusdarion humilis* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Anniculus* Petrunkevitch, 1942** ..... **Palaeogene**

1067. *Anniculus balticus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eocydrele* Petrunkevitch, 1958** ..... **Palaeogene**

1068. *Eocydrele mortua* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Propago* Petrunkevitch, 1963** ..... **Neogene**

1069. *Propago debilis* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Spinizodarion* Wunderlich, 2004*ae*** ..... **Palaeogene**

1070. *Spinizodarion ananulum* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Zodariodamus* Wunderlich 2004*ae*** ..... **Palaeogene**

1071. *Zodariodamus recurvatus* Wunderlich 2004*ae** ..... Pa Baltic amber

PENESTOMIDAE Simon, 1903 ..... **Recent**

no fossil record

† **EPHALMATORIDAE Petrunkevitch, 1950** ..... **Palaeogene**

† ***Ephalmator*** **Petrunkevitch, 1950** ..... **Palaeogene**

1072. *Ephalmator bitterfeldensis* Wunderlich, 2004*ad* ..... Pa Bitterfeld amber
1073. *Ephalmator calidus* Wunderlich, 2004*ad* ..... Pa Baltic amber
1074. *Ephalmator debilis* Wunderlich, 2004*ad* ..... Pa Baltic amber
1075. *Ephalmator distinctus* Wunderlich, 2004*ad* ..... Pa Baltic amber
1076. *Ephalmator ellwangeri* Wunderlich, 2004*ad* ..... Pa Baltic amber
1077. ?*Ephalmator eximius* Petrunkevitch, 1958 ..... Pa Baltic amber
1078. *Ephalmator fossilis* Petrunkevitch, 1950* ..... Pa Baltic amber
1079. *Ephalmator kerneggeri* Wunderlich, 2004*ad* ..... Pa Baltic amber
1080. *Ephalmator petrunkevitchi* Wunderlich, 2004*ad* ..... Pa Baltic amber
1081. *Ephalmator ruthildae* Wunderlich, 2004*ad* ..... Pa Baltic amber
1082. *Ephalmator tredecim* Wunderlich, 2012*c* ..... Pa Baltic amber
1083. *Ephalmator trudis* Wunderlich, 2004*ad* ..... Pa Baltic amber
1084. *Ephalmator turpiculus* Wunderlich, 2004*ad* ..... Pa Baltic amber
Ephalmator sp. *in* Wunderlich (2004*ad*) ..... Pa Baltic amber

CHUMMIDAE Jocqué, 2001 ..... **Recent**

no fossil record

HOMALONYCHIDAE Simon, 1893 ..... **Recent**

no fossil record

GNAPHOSOIDEA Simon, 1893 ..... **Palaeogene – Recent**

AMMOXENIDAE Simon, 1893 ..... **Recent**

no fossil record

CITHAERONIDAE Simon, 1893 ..... **Recent**

no fossil record

GALLIENIELLIDAE Millot, 1947 ..... **Recent**

no fossil record

TROCHANTERIIDAE Karsch, 1879 ..... **Palaeogene – Recent**

= PLATORIDAE Simon, 1890

† ***Eotrochanteria*** **Wunderlich, 2004*am*** ..... **Palaeogene**

1085. *Eotrochanteria kruegeri* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Sosybius*** **C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Adamator* Petrunkevitch, 1942
= † *Adjunctor* Petrunkevitch, 1942
= † *Adulatrix* Petrunkevitch, 1942

1086. *Sosybius berendti* Wunderlich, 2004*am* ..... Pa Baltic amber
1087. *Sosybius decumana* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1088. *Sosybius falcatus* Wunderlich, 2004*am* ..... Pa Baltic amber
1089. *Sosybius fusca* (Petrunkevitch, 1942) ..... Pa Baltic amber
1090. *Sosybius kochi* Wunderlich, 2004*am* ..... Pa Baltic amber
1091. *Sosybius lateralis* Wunderlich, 2004*am* ..... Pa Baltic amber
1092. *Sosybius longipes* Wunderlich, 2004*am* ..... Pa Baltic amber
1093. *Sosybius major* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
1094. *Sosybius minor* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber
1095. *Sosybius mizgirisi* Wunderlich, 2004*am* ..... Pa Baltic amber
1096. *Sosybius parva* (Petrunkevitch, 1942) ..... Pa Baltic amber
1097. *Sosybius perniciosus* Wunderlich, 2004*am* ..... Pa Baltic amber
1098. *Sosybius rufa* (Petrunkevitch, 1942) ..... Pa Baltic amber
1099. *Sosybius similis* Petrunkevitch, 1942 ..... Pa Baltic amber
1100. *Sosybius succineus* (Petrunkevitch, 1942) ..... Pa Baltic amber
1101. *Sosybius tibialis* Wunderlich, 2004*am* ..... Pa Baltic amber
1102. *Sosybius unispinosus* Wunderlich, 2004*am* ..... Pa Baltic amber
Sosybius sp. *in* Wunderlich (2004*am*, *ar*) ..... Pa Baltic / Rovno amber

† ***Thereola*** **Petrunkevitch, 1955** ..... **Palaeogene**

= † *Therea* Koch & Berendt, 1854 [preoccupied]

1103. *Thereola petiolata* (C. L. Koch & Berendt, 1854)* [♀ = ?*Dasuminia* sp. according to Wunderlich 2004*b*] ..... Pa Baltic amber
1104. *Thereola pubescens* (Menge *in* C. L. Koch & Berendt, 1854) ... Pa Baltic amber

† ***Trochanteridromulus*** **Wunderlich, 2004*am*** ..... **Palaeogene**

1105. *Trochanteridromulus glabripes* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Trochanteridromus*** **Wunderlich, 2004*am*** ..... **Palaeogene**

1106. *Trochanteridromus scutatus* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Veterator*** **Petrunkevitch, 1963** ..... **Neogene**

1107. *Veterator angustus* Wunderlich, 1988 ..... Ne Dominican amber
1108. *Veterator ascutum* Wunderlich, 1988 ..... Ne Dominican amber
1109. *Veterator extinctus* Petrunkevitch, 1963* ..... Ne Chiapas amber
1110. *Veterator incompletus* Wunderlich, 1982 ..... Ne Dominican amber
1111. *Veterator longipes* Wunderlich, 1988 ..... Ne Dominican amber
1112. *Veterator loricatus* Wunderlich, 1988 ..... Ne Dominican amber
1113. *Veterator porrectus* Wunderlich, 1988 ..... Ne Dominican amber
1114. *Veterator viduus* Wunderlich, 1988 ..... Ne Dominican amber
Veterator sp. 1–2 *in* Wunderlich (1988) ..... Ne Dominican amber

LAMPONIDAE Simon, 1893 ..... **Recent**

no fossil record

PRODIDOMIDAE Simon, 1884*a* ..... **Quaternary – Recent**

= MILTIIDAE Thorell, 1873 [based on a generic synonym]

***Prodidomus* Hentz, 1847** ..... **Quaternary – Recent**

1115. *Prodidomus madagascariensis* Wunderlich, 2011*c*..... Qt Madagascar copal

GNAPHOSIDAE Pocock, 1898 ..... **?Cretaceous – Recent**

= DRASSIDAE Sundevall, 1833 [based on a generic synonym]

† ***Captrix* Petrunkevitch, 1942** ..... **Palaeogene**

1116. *Captrix lineata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

***Drassodes* Westring, 1851** ..... **Palaeogene – Recent**

1117. *Drassodes cupreus* (Blackwall, 1834*a*) **[Recent]** ..... Qt England

1118. ?*Drassodes femurus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang

1119. ?*Drassodes sextii* Berland, 1939 ..... Pa Aix-en-Provence

† ***Drassyllinus* Wunderlich, 1988** ..... **Neogene**

1120. *Drassyllinus aliter* Wunderlich, 1988* ..... Ne Dominican amber

† ***Eognaphosops* Wunderlich, 2011*b*** ..... **Palaeogene**

1121. *Eognaphosops cryptoplanoides* Wunderlich 2011*b** ..... Pa Baltic amber

† ***Eomactator* Petrunkevitch, 1958** ..... **Palaeogene**

1122. *Eomactator hamatus* Wunderlich, 2011*b* ..... Pa Baltic amber

1123. *Eomactator hirsutipes* Wunderlich, 2011*b* ..... Pa Baltic amber

1124. *Eomactator mactatus* Petrunkevitch, 1958* ..... Pa Baltic amber

1125. *Eomactator obscurior* Wunderlich, 2011*b* ..... Pa Baltic amber

***Gnaphosa* Latreille, 1804a** ..... **?Cretaceous – Recent**

1126. *Gnaphosa affinis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Philodromus dubius* C. L. Koch & Berendt, 1854

1127. *Gnaphosa ambigua* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1128. *Gnaphosa liaoningensis* Chang, 2004

[generic assignment unreliable!] ..... K Jehol biota

***Micaria* Westring, 1851** ..... **Palaeogene – Recent**

1129. *Micaria procera* C. L. Koch & Berendt, 1954 ..... Pa Baltic amber

1130. *Micaria tenella* Heer, 1865 ..... Ne Öhningen

† ***Palaeodrassus* Petrunkevitch, 1922** ..... **Palaeogene**

1131. *Palaeodrassus cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

1132. *Palaeodrassus florissanti* Petrunkevitch, 1922 ..... Pa Florissant

1133. *Palaeodrassus hesternus* (Scudder, 1890*a*) ..... Pa Florissant

1134. *Palaeodrassus ingenuus* (Scudder, 1890*a*)* ..... Pa Florissant

1135. *Palaeodrassus interitus* (Scudder, 1890*a*) ..... Pa Florissant

***Scopoides* Platnick, 1989** ..... **Palaeogene – Recent**

1136. *Scopoides dominicanus* Wunderlich, 2011*g* ..... Ne Dominican amber

***Zelotes* Gistel, 1848** ..... **Palaeogene**

1137. *Zelotes concinna* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1138. *Zelotes mundula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Melanophora nobilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1139. *Zelotes regalis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Zelotetis*** **Wunderlich, 2011*b*** ..... **Palaeogene**

1140. *Zelotetis calefacta* Wunderlich, 2011*b* ..... Pa Baltic amber

SELENOPIDAE Simon, 1897a ..... **Palaeogene – Recent**

Selenopidae *incertae sedis in* Selden & Wang (2014) ..... Pa Baltic amber

† ***Garcorops*** **Corronca, 2003** ..... **Quaternary – Recent**

1141. *Garcorops jadis* Bosselaers, 2004 ..... Qt Madagascar copal

i. = *?Anyphops cortex* Wunderlich, 2004*as* ..... Qt Madagascar copal

Selenops **Latreille, 1819** ..... **Palaeogene – Recent**

1142. *Selenops benoiti* Wunderlich, 2004*as* ..... Qt Madagascar copal

1143. *Selenops beynai* Schawaller, 1984 ..... Ne Dominican amber

1144. *Selenops dominicanus* Wunderlich, 2004*an* ..... Ne Dominican amber

Selenops sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Selenops sp. *in* García-Villafuerte (2006*b*) ..... Ne Chiapas amber

Selenops sp. *in* Penney (2007) ..... Pa Le Quesnoy amber

SPARASSIDAE Bertkau, 1872 ..... **Palaeogene – Recent**

= HETEROPODIDAE Thorell, 1873

= MICROMMATIDAE Bertkau, 1878*a*

= EUSPARASSIDAE Järvi, 1912

Sparassidae sp. 1–2 *in* (Wunderlich 2008*c*) ..... Pa Baltic amber

† ***Caduceator*** **Petrunkevitch, 1942** ..... **Palaeogene**

1145. *Caduceator minutus* Petrunkevitch, 1942* ..... Pa Baltic amber

1146. *Caduceator quadrimaculatus* Petrunkevitch, 1950 ..... Pa Baltic amber

† ***Collacteus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1147. *Collacteus captivus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eostaianus*** **Petrunkevitch, 1950** ..... **Palaeogene**

1148. *Eostaianus succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Eostasina*** **Petrunkevitch, 1942** ..... **Palaeogene**

1149. *Eostasina aculeata* Petrunkevitch, 1942* ..... Pa Baltic amber

Eusparassus **Simon 1903** ..... **Palaeogene – Recent**

1150. *Eusparassus crassipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Heteropoda **Latreille, 1804*a*** ..... **Palaeogene – Recent**

= † *Retina* Hong, 1985

1151. *Heteropoda rpbusta* [*sic*] (Hong, 1985) ..... Ne Shanwang

NB: as '*H. robusta*' this would be a junior homonym of a living species.

Pseudosparianthis **Simon, 1887** ..... **Neogene – Recent**

1152. *Pseudosparianthis pfeifferi* (Wunderlich, 1988) ..... Ne Dominican amber

Zachria **L. Koch, 1875** ..... **Palaeogene – Recent**

NB: An Australian genus; Wunderlich (2012*c*) regarded at least *Z. desiderablis* as gen. indet.

1153. *Zachria desiderabilis* Petrunkevitch, 1950 ..... Pa Baltic amber

1154. *Zachria peculiata* Petrunkevitch, 1946 ..... Pa Baltic amber

1155. *Zachria restincta* Petrunkevitch, 1958 ..... Pa Baltic amber

PHILODROMIDAE Thorell, 1870*a* ..... **Cretaceous – Recent**

Philodromidae sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Philodromidae sp. *in* Wunderlich (2004*ae*) ..... Ne Baltic amber

† ***Cretadromus* Cheng, Shen & Gao, 2009** ..... **Cretaceous**

1156. *Cretadromus liaoningensis* Cheng, Shen & Gao, 2009 ..... K Liaoning Province

NB: Wunderlich (2012*d*) suggested this could be a Theridosomatidae

† ***Eothanatus* Petrunkevitch, 1950** ..... **Palaeogene – Recent**

1157. *Eothanatus diritatis* Petrunkevitch, 1950* ..... Pa Baltic amber

THOMISIDAE Sundevall, 1833 ..... **Palaeogene – Recent**

= APHANTOCHILIDAE Thorell, 1873

= MISUMENIDAE Thorell, 1887

= STIPHROPODIDAE Simon, 1895

= XYSTICIDAE Dahl, 1912

= BORBOROPACTIDAE Wunderlich, 2004*ao*

Thomisidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

Thomisidae gen. et sp. *in* Bottali (1975) ..... Qt Italy

Thomisidae gen. et sp. *in* Schawaller (1982*d*) ..... Ne Willershausen

Thomisidae gen. et sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Thomisidae gen. et sp. 1–2 *in* Wunderlich (2004*ap*) ..... Pa Baltic amber

Thomisidae gen. et sp. *in* Garciá-Villafuerte (2006*b*) ..... Ne Chiapas amber

Thomisidae *incertae sedis in* Selden & Wang (2014) ..... Pa Green River

Coriarachne* Thorell, 1870*b ..... **Quaternary – Recent**

Coriarachne sp. *in* Cutler (1970) ..... Qt Wyoming

† ***Ecotona* Lin, Zhang & Wang, 1989 [*ex* Araneidae]** ..... **Neogene**

1158. *Ecotona brunnea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1159. *Ecotona pilulifera* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1160. *Ecotona transipeda* Lin, Zhang & Wang, 1989* ..... Ne Shanwang

† ***Facundia* Petrunkevitch, 1942** ..... **Palaeogene**

1161. *Facundia clara* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Fiducia* Petrunkevitch, 1950** ..... **Palaeogene**

1162. *Fiducia tenuipes* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Filiolella* Petrunkevitch, 1955*a*** ..... **Palaeogene**

= † *Filiola* Petrunkevitch, 1942 [preoccupied]

1163. *Filiolella argentata* (Petrunkevitch, 1942)* ..... Pa Baltic amber

† ***Heterotmarus* Wunderlich, 1988** ..... **Neogene**

1164. *Heterotmarus altus* Wunderlich, 1988* ..... Ne Dominican amber

† ***Komisumena* Ono, 1981** ..... **Neogene**

1165. *Komisumena rosae* Ono, 1981* ..... Ne Dominican amber

† ***Miothomisus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1166. *Miothomisus subnudus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1167. *Miothomisus sylvaticus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

***Misumena* Latreille, 1804a** ..... **Palaeogene – Recent**

1168. *Misumena samlandica* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Palaeoxysticus* Wunderlich, 1985** ..... **Neogene**

1169. *Palaeoxysticus extinctus* Wunderlich, 1985 ..... Ne Randecker Maar

† ***Parvulus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1170. *Parvulus latissimus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

† ***Succinaenigma* Wunderlich, 2004*ap*** ..... **Palaeogene**

1171. *Succinaenigma raptor* Wunderlich, 2004*ap** ..... Pa Baltic amber

† ***Succiniraptor* Wunderlich, 2004*ao*** ..... **Palaeogene**

1172. *Succiniraptor radiatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Succiniraptor paradoxus* Wunderlich, 2004*ao** ..... Pa Baltic amber

***Synema* Simon, 1864** ..... **Palaeogene – Recent**

1173. *Synema enigmaticum* Berland, 1939 ..... Pa Aix-en-Provence

† ***Syphax* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

1174. *Syphax asper* Petrunkevitch, 1950 ..... Pa Baltic amber

1175. *Syphax crassipes* Petrunkevitch, 1942 ..... Pa Baltic amber

1176. *Syphax fuliginosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1177. *Syphax gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1178. *Syphax megacephalus* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

1179. *Syphax secedens* Wunderlich, 2015*a* ..... Pa Baltic amber

1180. *Syphax thoracicus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Thomisidites* Straus, 1967** ..... **Neogene**

1181. *Thomisidites hercynicus*, Straus, 1967* ..... Ne Willershausen

† ***Thomisiraptor* Wunderlich, 2004ap** ..... **Palaeogene**

1182. *Thomisiraptor liedtkei* Wunderlich, 2004*ap** ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** ..... **Palaeogene – Recent**

1183. *Thomisus defossus* Scudder, 1890*a* ..... Pa Florissant

1184. *Thomisus disjunctus* Scudder, 1890*a* ..... Pa Florissant

1185. *Thomisus lividus* Heer, 1865 ..... Ne Öhningen

1186. *Thomisus resutus* Scudder, 1890*a* ..... Pa Florissant

1187. *Thomisus sulzeri* Heer, 1865 ..... Ne Öhningen

***Xysticus* C. L. Koch, 1835** ..... **Palaeogene – Recent**

1188. ?*Xysticus annulipes* Bertkau, 1878*b* ..... Ne Rott, Germany

1189. *Xysticus archaeopalpus* Leech & Matthews, 1971 ..... Ne Alaska

1190. *Xysticus oeningensis* (Heer, 1865) ..... Ne Öhningen

Xysticus sp. *in* Protescu (1937) ..... Pa Romanian amber

SALTICIDAE Blackwall, 1841 ..... **Palaeogene – Recent**

= ATTIDAE Sundevall, 1833 [based on a generic synonym]

= LYSSOMANIDAE Peckham & Wheeler, 1889

Salticidae gen. et sp. *in* Schawaller (1982*d*) ..... Ne Willershausen

Salticidae incertae sedis *in* Selden (2014*b*) ..... Pa Isle of Wight

† ***Almolinus*** **Petrunkevitch, 1958** ..... **Palaeogene**

1191. *Almolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Bitterfeld amber

1192. *Almolinus clarus* Petrunkevitch, 1958* ..... Pa Baltic amber

1193. *Almolinus ligula* Wunderlich, 2004*aq* ..... Pa Baltic amber

?*Almolinus* sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

† ***Attoides*** **Brongniart, 1877** ..... **Palaeogene**

1194. *Attoides eresiformis* Brongniart, 1877 ..... Pa Aix-en-Provence

† ***Calilinus*** **Wunderlich, 2004*aq*** ..... **Palaeogene**

1195. *Calilinus fleissneri* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Cenattus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1196. *Cenattus exophthalmicus* Petrunkevitch, 1942* ..... Pa Baltic amber

Corythalia **C. L. Koch, 1851** ..... **Neogene – Recent**

1197. *Corythalia ocululiter* Wunderlich, 1988 ..... Ne Dominican amber

1198. *Corythalia pilosa* Wunderlich, 1982 ..... Ne Dominican amber

1199. *Corythalia scissa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Descangeles*** **Wunderlich, 1988** ..... **Neogene**

1200. *Descangeles pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

Descangeles sp. 1–2 *in* Wunderlich (1988) ..... Ne Dominican amber

Descanso **Peckham & Peckham, 1892** ..... **Neogene – Recent**

Descanso sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Distanilinus*** **Wunderlich, 2004*aq*** ..... **Palaeogene**

1201. *Distanilinus filum* Wunderlich, 2004*aq* ..... Pa Baltic amber

1202. *Distanilinus nutus* Wunderlich, 2004*aq** ..... Pa Baltic amber

1203. *Distanilinus paranutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1204. *Distanilinus pernutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

† ***Eoattopsis*** **Gourret, 1887** ..... **Palaeogene**

1205. *Eoattopsis hirsutus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eolinus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1206. *Eolinus balticus* Żabka, 1988 ..... Pa Baltic amber

1207. *Eolinus fungus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1208. *Eolinus insuriens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1209. *Eolinus prominens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1210. *Eolinus samlandica* Wunderlich, 2004*aq* ..... Pa Baltic amber

1211. *Eolinus succineus* Petrunkevitch, 1942* ..... Pa Baltic amber

1212. *Eolinus theryi* Petrunkevitch, 1942 ..... Pa Baltic amber

1213. *Eolinus theryoides* Wunderlich, 2004*aq* ..... Pa Baltic amber

1214. *Eolinus tystschenkoi* Proszynski & Żabka, 1980 ..... Pa Baltic amber

1215. *Eolinus vates* Wunderlich, 2004*aq* ..... Pa Baltic amber

Eolinus sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

***Euophrys* C. L. Koch, 1834** ..... **Palaeogene – Recent**

1216. *Euophrys gibberula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1217. *Euophrys randeckensis* Schawaller & Ono, 1979 ..... Ne Randecker Maar

† ***Evagoratus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1218. *Evagoratus longicruris* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

† ***Gorgopsidis* Wunderlich, 2004*aq*** ..... **Palaeogene**

1219. *Gorgopsidis bechlyi* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Gorgopsina* Petrunkevitch, 1955a** ..... **Palaeogene**

1220. *Gorgopsina amabilis* Wunderlich, 2004*aq* ..... Pa Baltic amber

1221. *Gorgopsina constricta* Wunderlich, 2004*aq* ..... Pa Baltic amber

1222. *Gorgopsina expandens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1223. '*Gorgopsina*' *fasciata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1224. *Gorgopsina flexuosa* Wunderlich, 2004*aq* ..... Pa Baltic amber

1225. *Gorgopsina formosa* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1226. *Gorgopsina fractura* Wunderlich, 2004*ar* ..... Pa Rovno amber

1227. *Gorgopsina frenata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

1228. *Gorgopsina inclusa* Wunderlich, 2004*aq* ..... Pa Baltic amber

1229. *Gorgopsina jucunda* (Petrunkevitch, 1942) ..... Pa Baltic amber

1230. *Gorgopsina marginata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1231. *Gorgopsina melanocephala* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1232. *Gorgopsina naumanni* Giebel, 1856 ..... Pa Baltic amber

1233. *Gorgopsina paulula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1234. *Gorgopsina rectangularis* Wunderlich, 2011*h* ..... Pa Baltic amber

1235. *Gorgopsina speciosa* Wunderlich, 2004*aq* ..... Pa Baltic amber

***Heliophanus* C. L. Koch, 1833** ..... **Palaeogene – Recent**

1236. *Heliophanus extinctus* Berland, 1939 ..... Pa Aix-en-Provence

***Hyllus* C. L. Koch, 1846** ..... **Quaternary – Recent**

= † *Parevophrys* Petrunkevitch, 1942

1237. *Hyllus succini* (Petrunkevitch, 1942) ..... Qt Copal

NB: Originally described as Baltic amber

***Lyssomanes* Hentz, 1845** ..... **Neogene – Recent**

1238. *Lyssomanes pristinus* Wunderlich, 1986 ..... Ne Dominican amber

i. = *Lyssomanes galianoae* Reiskind, 1989 ..... Ne Dominican amber

1239. *Lyssomanes pulcher* Wunderlich, 1988 ..... Ne Dominican amber

***Maevia* C. L. Koch, 1846** ..... **?Neogene – Recent**

?*Maevia* sp. *in* Riquelme & Hill (2013) ..... Ne Chiapas amber

† ***Microlinus* Wunderlich, 2004*aq*** ..... **Palaeogene**

1240. *Microlinus calidus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1241. *Microlinus folium* Wunderlich, 2004*aq** ..... Pa Baltic amber

***Myrmarachne* MacLeay, 1839** ..... **Quaternary – Recent**

= † *Entomocephalus* Holl, 1829 [suppressed; see ICZN Opinion 2258]

1242. *Myrmarachne formicoides* (Holl, 1829) ..... ?Qt Copal [?not amber]

Neon* Simon, 1876*a ..... **Quaternary – Recent**

1243. *Neon ?reticulatus* (Blackwall, 1853) **[Recent]** ..... Qt England

***Nilakantha* Peckham & Peckham, 1901** ..... **Neogene – Recent**

1244. *Nilakantha beugelorum* (Wolff, 1990) ..... Ne Dominican amber

† ***Paralinus* Petrunkevitch, 1942** ..... **Palaeogene**

1245. *Paralinus crosbyi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Pensacolatus* Wunderlich, 1988** ..... **Neogene**

1246. *Pensacolatus coxalis* Wunderlich, 1988* ..... Ne Dominican amber

1247. *Pensacolatus spinipes* Wunderlich, 1988 ..... Ne Dominican amber

1248. ?*Pensacolatus tibialis* Wunderlich, 2004*aq* ..... Ne Dominican amber

Pensacolatus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Phidippus* C. L. Koch, 1846** ..... **Palaeogene**

1249. *Phidippus impressus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1250. *Phidippus pusillus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Phlegrata* Wunderlich, 1988** ..... **Neogene**

1251. *Phlegrata pala* Wunderlich, 1988* ..... Ne Dominican amber

† ***Prolinus* Petrunkevitch, 1958** ..... **Palaeogene**

1252. *Prolinus fossilis* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Salticidites* Straus, 1967** ..... **Neogene**

1253. *Salticidites hercynicus* Straus 1967* ..... Ne Willershausen

***Sarinda* Peckham & Peckham, 1892** ..... **Neogene – Recent**

?*Sarinda* sp. *in* Wunderlich (2004*aq*) ..... Ne Dominican amber

† ***Steneattus* Bronn, 1856** ..... **Palaeogene**

= † *Leda* C. L. Koch & Berendt, 1854 [preoccupied]

1254. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

Araneomorphae *incertae sedis*

† ***Elvina* Thorell, 1870*b*** ..... **Neogene**

1255. *Elvina antiqua* (von Heyden, 1859) ..... Ne Linz am Rhein

Araneae *incertae sedis*

Araneae *incertae sedis in* Selden *et al*. (2014) ..... P Kurty, Kazakhstan

† ***Amphiclotho* Gourret, 1887** ..... **Palaeogene**

1256. *Amphiclotho breviuscula* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Amphithomisus* Gourret, 1887** ..... **Palaeogene**

1257. *Amphithomisus barbatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Atocatle* Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?] ..... **Cretaceous**

1258. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* ..... K Puebla, México

† ***Cercidiella*** **Gourret, 1887** ..... **Palaeogene**

1259. *Cercidiella aquisextana* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Clubionella*** **Gourret, 1887** ..... **Palaeogene**

1260. *Clubionella antiqua* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eresoides*** **Gourret, 1887** ..... **Palaeogene**

1261. *Eresoides orbicularis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Hersilioides*** **Gourret, 1887** ..... **Palaeogene**

1262. *Hersilioides thanatiformis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Opisthophylax*** **Menge, 1856** ..... **Palaeogene**

1263. *Opisthophylax exarata* Menge, 1856* ..... Pa Baltic amber

† ***Prodysdera*** **Gourret, 1887** ..... **Palaeogene**

1264. *Prodysdera intermedia* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protochersis*** **Gourret, 1887** ..... **Palaeogene**

1265. *Protochersis spinosus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protolachesis*** **Gourret, 1887** ..... **Palaeogene**

1266. *Protolachesis annulata* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Paralycosa*** **Dunlop & Jekel, 2009** ..... **Palaeogene**

= † *Protolycosa* Gourret, 1887 [preoccupied]

1267. *Paralycosa attiformis* (Gourret, 1887)* ..... Pa Aix-en-Provence

† ***Pseudothomisus*** **Gourret, 1887** ..... **Palaeogene**

1268. *Pseudothomisus articulatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Schellenbergia*** **Heer, 1865** ..... **Neogene**

1269. *Schellenbergia rotundata* Heer, 1865* ..... Ne Öhningen

† ***Timeropus*** **Thorell, 1891** ..... **Palaeogene**

= † *Lycosoides* Gourret, 1887 [preoccupied]

1270. *Timeropus hersiliformis* (Gourret, 1887)* ..... Pa Aix-en-Provence

NOMINA DUBIA

Amaurobius **C. L. Koch, 1837** [no currently valid fossil species]

1. *Amaurobius faustus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Amaurobius rimosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

Auximus **Simon, 1892** [now *Lathys* Simon, 1884: Dictynidae; no currently valid fossil species]

3. *Auximus fossilis* Petrunkevitch, 1950 ..... Pa Baltic amber
4. *Auximus succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Clythia*** **C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**

5. *Clythia alma* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Corynitoides*** **Dunlop & Jekel, 2009 (*nomen dubium*)** ..... **Palaeogene**

= † *Corynitis* Menge *in* C. L. Koch & Berendt, 1854 [preoccupied]

6. *Corynitoides spinosa* (Menge *in* C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
7. *Corynitoides undulata* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Eocryphoeca*** **Petrunkevitch, 1958** [also contains valid fossil species]

8. *Eocryphoeca distincta* Petrunkevitch, 1950 ..... Pa Baltic amber
9. *Eocryphoeca fossilis* (Petrunkevitch, 1942) ..... Pa Baltic amber

† ***Eometa* Petrunkevitch, 1958** [also contains valid fossil species]

10. *Eometa aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber
11. *Eometa robusta* Petrunkevitch, 1958 ..... Pa Baltic amber

***Ero* C L. Koch 1836** [also contains valid fossil species]

12. *Ero setulosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Fictotama* Petrunkevitch, 1963 (*nomen dubium*)** ..... **Palaeogene**

13. *Fictotama extincta* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Memoratrix* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**

NB: Regarded by Wunderlich (2004*p*) as a possible pimoid or linyphiid

14. *Memoratrix rydei* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Mimetarchaea* Eskov, 1992** ..... **Palaeogene**

15. *Mimetarchaea gintaras* Eskov, 1992* ..... Pa Baltic amber

NB: Name based on a subadult male

† ***Miropholcus* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**

= † *Microphol*cus Petrunkevitch, 1942 [*lapsus*]

16. *Miropholcus heteropus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Perturbator* Petrunkevitch, 1971 (*nomen dubium*)** ..... **Neogene**

17. *Perturbator corniger* Petrunkevitch, 1971* ..... Ne Chiapas amber

† ***Phalangopus* Menge *in* C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**

18. *Phalangopus subtilis* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Praeoarces* Wunderlich, 2004*q*** ..... **Palaeogene**

19. *Praeoarces exitus* Wunderlich, 2004*q** ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

20. *Segestria elongata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Segestria nana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

NOMINA NUDA

***Amaurobius* C. L. Koch, 1837** [no currently valid fossil species]

1. *Amaurobius spinimanus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Anatone* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

2. *Anatone hirsuta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
3. *Anatone marginata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
4. *Anatone spinipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Aranea* Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

5. *Aranea fossilis* Keferstein, 1834 ..... Pa Aix-en-Provence

***Archaea* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

6. *Archaea incomta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
7. *Archaea sphinx* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Athera* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

8. *Athera exilis* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Attus* Walckenaer, 1805** [now *Salticus* Latreille, 1804; no currently valid fossil species]

9. *Attus fossilis* Walckenaer, 1837 ..... Pa Baltic amber

***Clubiona* Latreille, 1804** [also contains valid fossil species]

10. *Clubiona eseri* Heer, 1865 ..... Ne Öhningen
11. *Clubiona latifrons* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
12. *Clubiona parvula* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
13. *Clubiona pilosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Clythia* C. L. Koch & Berendt, 1854** [also contains a *nomen dubium* fossil species]

14. *Clythia funestra* Koch & Berendt, 1854 ..... Pa Baltic amber
15. *Clythia gracilenta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
16. *Clythia leptocarena* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Dielacata* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

17. *Dielacata superba* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Drassus* Walckenaer, 1805** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]

18. *Drassus oblongus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Dysdera* Latreille, 1804** [also contains valid fossil species]

19. *Dysdera hippopodium* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
20. *Dysdera glabrata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Dysdera scobiculata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
22. *Dysdera tenera* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Eolinus* Petrunkevitch, 1942** [also contains valid fossil species]

23. *Eolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Baltic amber
24. *Eolinus tystschenkoides* Wunderlich, 2004*aq* ..... Pa Baltic amber

***Epeira* Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

25. *Epeira eocaenica* Giebel, 1856 ..... Pa Baltic amber
26. *Epeira eocena* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Epeiridion* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

27. *Epeiridion femoratum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Erithus* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

28. *Erithus applanatus* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Ero* C. L. Koch & Berendt, 1836** [also contains valid fossil species]

29. *Ero coronata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Ero exculpta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
31. *Ero sphaerica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
32. *Ero quadripunctata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Eyukselus* Özdikmen, 2007 (*nomen nudum*)** ..... **Palaeogene**

= † *Propetes* Menge, 1854 [preoccupied]

33. *Eyukselus argutus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
34. *Eyukselus felinus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
35. *Eyukselus griseus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
36. *Eyukselus latifrons* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

37. *Eyukselus pumilus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Gea* C. L. Koch, 1843** [also contains valid fossil species]

38. *Gea pubescens* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Heteromma* Menge, 1856 (*nomen nudum*)** ..... **Palaeogene**

39. *Heteromma intersecta* Menge, 1856* ..... Pa Baltic amber

† ***Idmonia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

40. *Idmonia virginea* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Melanophora* C. L. Koch, 1833** [now *Zelotes* Gistel, 1848; which also contains valid fossil species]

41. *Melanophora lepida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

42. *Melanophora nitida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Micaria* Westring, 1851** [also contains valid fossil species]

43. *Micaria ovata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

44. *Micaria squamata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

45. *Micaria tenuis* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Micryphantes* C. L. Koch, 1833** [also contains valid fossil species]

46. *Micryphantes globulus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

47. *Micryphantes turritus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mizalia* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

48. *Mizalia truncata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Ocia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

49. *Ocia hirsuta* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Ocypete* C. L. Koch, 1836** [now *Heteropoda* Latreille, 1804; which also contains valid fossil species]

50. *Ocypete angustifrons* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

51. *Ocypete marginata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Onca* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

52. *Onca lepida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

53. *Onca pumila* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Philodromus* Walckenaer, 1826** [also contains valid fossil species]

54. *Philodromus griseus* Menge, 1856 ..... Pa Baltic amber

55. *Philodromus marginatus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

56. *Philodromus reptans* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

57. *Philodromus redogradus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

58. *Philodromus spinipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Pythonissa* C. L. Koch, 1837** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]

59. *Pythonissa bipunctata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

60. *Pythonissa discophora* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

61. *Pythonissa glabra* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

62. *Pythonissa villosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

63. *Segestria exarata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

64. *Segestria sulcata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

65. *Segestria undulata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Siga* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

66. *Siga crinita* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Spheconia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

67. *Spheconia brevipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Syphax* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

68. *Syphax hirtus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Theridium* Walckenaer, 1805** [now *Theridion* Walckenaer, 1805; which also contains valid fossil species]

69. *Theridium bifurcum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

70. *Theridium chorius* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

71. *Theridium clavigerum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

72. *Theridium crassipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

73. *Theridium setulosum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** [also contains valid fossil species]

74. *Thomisus matutinus* Menge, 1856 ..... Pa Baltic amber

† ***Thyelia* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

75. *Thyelia mengei* Giebel, 1856 ..... Pa Baltic amber

76. *Thyelia pectinata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

77. *Thyelia spinosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Zilla* C. L. Koch & Berendt, 1834** [also contains valid fossil species]

78. *Zilla cornumana* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

79. *Zilla spinipalpa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

MISIDENTIFICATIONS

***Aranea* Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] ..... Qt Copal

† ***Araneaovoius* Dunlop & Braddy, 2011 [ichnogenus]** ..... **Palaeogene**

2. *Araneaovoius columbiae* (Scudder 1878)* [fossil egg sac]..... ..... Pa Canada / USA

† ***Archaeometa* Pocock, 1911** ..... **?Devonian**

3. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] ..... D Alken an der Mosel

† ***Eopholcus* Frič, 1904** ..... **Carboniferous**

4. *Eopholcus pedatus* Frič, 1904* [not identified] ..... C Nýřany

† ***Oichnus* Bromley 1981 [ichnogenus]** ..... **Palaeogene**

5. *Oichnus bavincourti* (Vaillant, 1909) [at one stage placed in *Cteniza*] ..... Pa Northern France

† ***Palpipes* Roth, 1854** ..... **Jurassic**

6. *Palpipes cursor* Roth, 1854 [crustacean] ..... J Solnhofen

† ***Palaeocteniza* Hirst, 1923** ..... **Devonian**

7. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] ..... D Rhynie chert

† ***Pleurolycosa* Frič, 1904** ..... **Carboniferous**

8. *Pleurolycosa prolifera* (Frič, 1901)* [unidentifiable] ..... C Nýřany

45,539 Recent species according to the WSC (2015)

HAPTOPODA

1 currently valid species of fossil haptopod

† **HAPTOPODA Pocock, 1911** ..... **Carboniferous**

† **PLESIOSIRONIDAE Pocock, 1911** ..... **Carboniferous**

† ***Plesiosiro* Pocock, 1911** ..... **Carboniferous**

1. *Plesiosiro madeleyi* Pocock, 1911 ..... C Coseley

no Recent species

AMBLYPYGI

12 currently valid species of fossil whip spider

AMBLYPYGI Thorell, 1882 ..... **Carbon. – Recent**

= PHRYNÉIDES Walckenaer, 1837

= PHRYNICHIDA Petrunkevitch, 1945*a*

PALAEOAMBLYPYGI Weygoldt, 1996 (suborder) ..... **Carbon. – Recent**

family uncertain

† ***Sorellophrynus*** **Harvey, 2002** ..... **Carboniferous**

= † *Protophrynus* Petrunkevitch, 1913 (preoccupied)

1. *Sorellophrynus carbonarius* (Petrunkevitch, 1913)* ..... C Mazon Creek

† ***Thelyphrynus*** **Petrunkevitch, 1913** ..... **Carboniferous**

2. *Thelyphrynus elongatus* Petrunkevitch, 1913 ..... C Mazon Creek

PARACHARONTIDAE Weygoldt, 1996 ..... **Carbon. – Recent**

† ***Graeophonus*** **Scudder, 1890*b*** ..... **Carboniferous**

3. *Graeophonus anglicus* Pocock, 1911 ..... C Coseley
4. *Graeophonus carbonarius* (Scudder, 1876)* ..... C Cape Breton
5. *Graeophonus scudderi* Pocock, 1911 ..... C Mazon Creek

† ***Paracharonopsis*** **Engel & Grimaldi, 2014** ..... **Palaeogene**

6. *Paracharonopsis cambayensis* Engel & Grimaldi, 2014* ..... Pa Cambay amber

EUAMBLYPYGI Weygoldt, 1996 (suborder) ..... **Cretaceous – Recent**

CHARINIDAE Quintero, 1986 ..... **Recent**

no fossil record

NEOAMBLYPYGI Weygoldt, 1996 (infraorder) ..... **Cretaceous – Recent**

CHARONTIDAE Simon, 1892*a* ..... **Recent**

no fossil record

UNIDISTITARSATA Engel & Grimaldi, 2014 ..... **Cretaceous – Recent**

† ***Kronocharon*** **Engel & Grimaldi, 2014** ..... **Cretaceous**

7. *Kronocharon engeli* Wunderlich, 2015*c* ..... K Burmese amber
8. *Kronocharon longicalcaris* Wunderlich, 2015*c* ..... K Burmese amber
9. *Kronocharon prendinii* Engel & Grimaldi, 2014* ..... K Burmese amber

PHRYNOIDEA Blanchard, 1852 ..... **Cretaceous – Recent**

PHRYNICHIDAE Simon, 1892*a* ..... **Recent**

no fossil record

PHRYNIDAE Blanchard, 1852 …… **Cretaceous – Recent**

= † ELECTROPHRYNIDAE Petrunkevitch, 1971

† ***Britopygus* Dunlop & Martill, 2002** …… **Cretaceous**

10. *Britopygus weygoldti* Dunlop & Martill, 2002 …… K Crato Formation

***Phrynus* Lamarck, 1801** …… **Neogene – Recent**

11. *Phrynus mexicana* Poinar & Brown, 2004 …… Ne Chiapas amber
12. *Phrynus resinae* (Schawaller, 1979*b*) …… Ne Dominican amber

NOMINA DUBIA

1. *Electrophrynus mirus* Petrunkevitch, 1971 …… Ne Chiapas amber
2. *Phrynus fossilis* Keferstein, 1834 …… Pa Aix-en-Provence

i. = *Phrynus marioni* Gourret, 1887 …… Pa Aix-en-Provence

136 Recent species according to Harvey (2003)

UROPYGI

9 currently valid species of fossil whip scorpion

UROPYGI Thorell, 1882 ..... **Carbon. – Recent**

= THELYPHONIDA Latreille, 1804b

= UROTRICHA C. L. Koch, 1851

= OXOPOEI Thorell, 1888

= HOLOPELTIDIA Börner, 1902

Thelyphonida sp. *in* Selden *et al*. 2014 ..... C Donets Basin

plesion genera

† ***Geralinura* Scudder, 1884** ..... **Carboniferous**

1. *Geralinura britannica* Pocock, 1911 ..... C Coseley
2. *Geralinura carbonaria* Scudder, 1884* ..... C Mazon Creek
   i. = *Geralinura gigantea* Petrunkevitch, 1913 ..... C Mazon Creek
   ii. = *Geralinura similis* Petrunkevitch, 1913 ..... C Mazon Creek

† ***Parageralinura* Tetlie & Dunlop, 2008** ..... **Carboniferous**

3. *Parageralinura marsiglioi* Selden, Dunlop & Simonetto, 2016 ..... C Carnic Alps
4. *Parageralinura naufraga* (Brauckmann & Koch, 1983)* ..... C Hagen-Vorhalle
5. *Parageralinura neerlandicus* Laurentiaux-Viera & Laurentiaux, 1961..... C Limburg

† ***Proschizomus* Dunlop & Horrocks, 1996** ..... **Carboniferous**

6. *Proschizomus petrunkevitchi* Dunlop & Horrocks, 1996 ..... C Coseley

† ***Prothelyphonus* Frič, 1904** ..... **Carboniferous**

7. *Prothelyphonus bohemicus* (Kušta, 1884*b*) ..... C Rakovník
   i. = *Prothelyphonus cordai* Frič, 1904 ..... C Rakovník
   ii. = *Geralinura crassa* Kušta, 1888 ..... C Rakovník
   iii. = *Geralinura noctua* Kušta, 1888 ..... C Rakovník
   iv. = *Geralinura scudderi* Kušta, 1888 ..... C Rakovník

THELYPHONIDAE Lucas 1835 ..... **Cretaceous – Recent**

† ***Burmathelyphonia* Wunderlich, 2015*c*** ..... **Cretaceous**

8. *Burmathelyphonia prima* Wunderlich, 2015*c** ..... K Burmese amber

† ***Mesoproctus* Dunlop, 1988** ..... **Cretaceous**

9. *Mesoproctus rowlandi* Dunlop, 1998 ..... K Crato Formation

Mesoproctus sp. *in* Dunlop & Martill (2002) ..... K Crato Formation

MISIDENTIFICATIONS

1. *Thelyphonus hadleyi* Pierce, 1945 [unidentifiable, ?algal] ..... Ne California

103 Recent species according to Harvey (2003)

SCHIZOMIDA

6 currently valid species

- the fossil family Calcitronidae cannot be meaningfully compared to the Recent families

SCHIZOMIDA Petrunkevitch, 1945*b* ..... **Palaeogene – Recent**

= TARTARIDES Thorell, 1888 (tribe)

= COLOPYGA Cook, 1899 (order)

= SCHIZOPELTIDA Börner, 1902 (tribe)

† **CALCITRONIDAE Petrunkevitch, 1945*b*** ..... **Palaeogene – Neogene**

† ***Calcitro* Petrunkevitch, 1945*b*** ..... **Palaeogene – Neogene**

1. *Calcitro fisheri* Petrunkevitch, 1945*b** ..... Ne Onyx Marble
2. *Calcitro oplonis* Lin *in* Lin *et al*., 1988 ..... Pa Shandong, China

HUBBARDIIDAE Cook, 1899 ..... **Neogene – Recent**

***Antillostenochrus* Armas & Teruel, 2002** ..... **Neogene – Recent**

3. *Antillostenochrus pseudoannulatus* (Krüger & Dunlop, 2010) ..... Ne Dominican Amber

† ***Calcoschizomus* Pierce, 1951** ..... **Neogene**

4. *Calcoschizomus latisternum* Pierce, 1951 ..... Ne Onyx Marble

† ***Onychothelyphonus* Pierce, 1950** ..... **Neogene**

5. *Onychothelyphonus bonneri* Pierce, 1950 ..... Ne Onyx Marble

***Rowlandius* Reddell & Cokendolpher, 1995** ..... **Neogene – Recent**

6. *Rowlandius velteni* (Krüger & Dunlop, 2010) ..... Ne Dominican Amber

PROTOSCHIZOMIDAE Rowland, 1975 ..... **Recent**

no fossil record

267 Recent species according to Harvey (pers. comm. 2009)

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