A summary list of fossil spiders and their relatives

compiled by

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INTRODUCTION

Fossil spiders have not been fully cataloged since Bonnet's *Bibliographia Araneorum* and are not included in the current 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. 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 Platnick Catalog. For this reason some of the family groups proposed in Wunderlich's (2004, 2008) 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

There have been relatively few changes since the last update, with a couple of new species of trigonotarbid, some important revisionary work on the Baltic amber oribatid mites and the description of a new astigmatid.

ACKNOWLEDGMENTS

We are, as ever, especially grateful to Norman Platnick for agreeing to host this list as an appendix to the Catalog, to Paul Selden for encouragement and support and to those colleagues who have advised us on oversights and/or provided further literature.

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

9 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

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

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

Pycnogonid affinities 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

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

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

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

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

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

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

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

= PEGMATA Fry, 1978

family uncertain

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

6. *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**

7. *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**

8. *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**

9. *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. *Palpipes cursor* Roth, 1854 [crustacean] ……..J Solnhofen
2. *Pentapalaeopycnon inconspicua* Hedgpeth, 1978 [crustacean] ……..J Solnhofen
3. *Phalangites multipes* Münster, 1851 [crustacean] ……..J Solnhofen
4. *Phalangites priscus* Münster, 1839 [crustacean] ……..J Solnhofen
5. *Pycnogonites uncinatus* Quenstedt, 1852 [crustacean] ……..J Solnhofen

c. 1300 Recent species

EUCHELICERATA

5 currently valid, but unplaced euchelicerate fossil species

- *Offacolus* has been described in detail from reconstructions based on serial sections, and was resolved in some phylogenies to a basal position within Euchelicerata
- the other listed taxa are mostly poor or incomplete specimens which have been treated as either xiphosurans, chasmataspids or eurypterids
- resting impressions imply that Chasmataspidida were probably present in the late Cambrian

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

EUCHELICERATA *INCERTAE SEDIS*

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

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

† ***Melbournopterus*** **Caster & Kjellesvig-Waering, 1953** ..... **Silurian**

2. *Melbournopterus crossotus* Caster & Kjellesvig-Waering, 1953* ..... S Melbourne, Australia

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

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

† ***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

99 currently valid species of fossil horseshoe crab

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

† **'synziphosurines'** ..... **Silurian – Devonian**

plesion genera

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † *Exapinurus* Nieszkowski, 1859

7. *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]

8. *Limuloides limuloides* (Woodward, 1865) ..... S Ludlow

9. *Limuloides horridus* (Woodward, 1872*a*) ..... S Ludlow

10. *Limuloides salweyi* (Woodward, 1872*a*) ..... S Ludlow

i. = *Hemiaspis tuberculatus* (Salter *in* Woodward, 1872*a*) S Ludlow

11. *Limuloides speratus* Woodward, 1872*a* ..... S Ludlow

i. = *Hemiaspis optatus* (Salter *in* Woodward, 1872*a*) ..... S Ludlow

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

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

familial affinity uncertain

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

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

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

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

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

= † *Neolimulus* Woodward, 1868*a*

15. *Pseudoniscus aculeatus* Nieszkowski, 1859* ..... S Saaremaa
16. *Pseudoniscus clarkei* Ruedemann, 1916 ..... S Pittsford, New York
17. *Pseudoniscus falcatus* (Woodward, 1868*a*) ..... S Lesmahagow
18. *Pseudoniscus roosevelti* Clarke, 1902 ..... S 'Bertie Waterlime'

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

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

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

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

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

possible kasibelinurids?

22. '*Belinurus*' *alleghenyensis* Eller, 1938*a* ..... D New York State
23. '*Belinurus*' *carterae* Eller, 1940 ..... D Pennsylvania
24. *'Prestwichia' randalli* Beecher, 1902 ..... D Pennsylvania

† **ELLERIDAE Raymond, 1944** ..... **Devonian**

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

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

?'synziphosurines' ***incertae sedis***

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

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

NB: Originally described as possible myriapods

26. *Maldybulakia angusi* Edgecombe, 1998 ..... D New South Wales
27. *Maldybulakia malcomi* Edgecombe, 1998 ..... D New South Wales
28. *Maldybulakia mirabilis* (Tesakov & Alekseev, 1992)* ..... D Kazakhstan

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

family uncertain

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

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

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

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

† ***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

30. *Bellinurus arcuatus* Baily, 1863 ..... C Coal Measues
31. *Bellinurus baldwini* Woodward, 1907*b* ..... C Coal Measues
32. *Bellinurus bellulus* Pictet, 1846 ..... C Coalbrookdale, UK
33. *Bellinurus carwayensis* Dix & Pringle, 1929 ..... C South Wales, UK
34. *Bellinurus concinnus* Dix & Pringle, 1929 ..... C South Wales, UK
35. *Bellinurus grandaevus* Jones & Woodward, 1899 ..... C Nova Scotia
36. *Bellinurus iswariensis* (Chernyshev, 1928) ..... C Donetz Basin
37. *Bellinurus kiltorkensis* Baily, 1869 ..... C Coal Measues
38. *Bellinurus koenigianus* Woodward, 1872*a* ..... C Coal Measues
39. *Bellinurus lacoei* Packard, 1885 ..... C Mazon Creek
40. *Bellinurus longicaudatus* Woodward, 1907*b* ..... C Coal Measues
41. *Bellinurus lunatus* (Martin, 1809) ..... C Mansfield, UK
42. *Bellinurus metschetensis* (Chernyshev, 1928) ..... C Donetz Basin
43. *Bellinurus morgani* Dix & Pringle, 1930 ..... C South Wales, UK
44. *Bellinurus pustulosus* Dix & Pringle, 1929 ..... C South Wales, UK
45. *Bellinurus reginae* Baily, 1863 ..... C Coal Measues
46. *Bellinurus stepanovi* (Chernyshev, 1928) ..... C Donetz Basin
47. *Bellinurus trechmanni* Woodward, 1918 ..... C Coal Measues
48. *Bellinurus trilobitoides* (Buckland, 1837)* ..... C Coalbrookdale, UK
49. *Bellinurus truemani* Dix & Pringle, 1929 ..... C South Wales, UK

† **EUPROOPIDAE Eller, 1938*b***

= † LIOMESASPIDIDAE Raymond, 1944

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

50. *Anacontium brevis* Raymond, 1944 ..... P Oklahoma
51. *Anacontium carpenteri* Raymond, 1944 ..... P Oklahoma

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

= † *Prestwichia* Woodward, 1867 [preoccupied]

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

52. *Euproops anthrax* (Prestwich, 1840) ..... C Coal Measues
53. *Euproops bifidus* Siegfried, 1972 ..... C Coal Measues
54. *Euproops cambrensis* Dix & Pringle, 1929 ..... C Coal Measues
55. *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

56. *Euproops longispina* Packard, 1885 ..... C Mazon Creek
57. *Euproops mariae* Crônier & Courville, 2005 ..... C Massif Central
58. *Euproops meeki* Dix & Pringle, 1929 ..... C South Wales
59. *Euproops nitida* Dix & Pringle, 1929 ..... C South Wales
60. *Euproops orientalis* Kobayashi, 1933 ..... ?P Korea
61. *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

62. ?*Liomesaspis birtwelli* (Woodward, 1872a) ..... C Coal Measues
63. *Liomesaspis laevis* Raymond, 1944* ..... C Coal Measues
i. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 ..... C Saar-Nahe Basin
ii. = *Pringlia bispinosa* Raymond, 1944 ..... C Coal Measures
iii. = *Pringlia demaisterei* Vandenberghe, 1961 ..... C Coal Measures
iv. = *Pringlia fritschi* Remy & Remy, 1959 ..... C Coal Measures
64. *Liomesaspis leonardensis* (Tasch, 1961) ..... P Annelly, Kansas

† ***Prolimulus*** **Frič, 1899** ..... **Carboniferous**
65. *Prolimulus woodwardi* Frič, 1899* ..... C Nýřany

UNNAMED TAXON

† ***Bellinuroopsis*** **Chernyshev, 1933** ..... **Carboniferous**
= † *Neobelinuropsis* Eller, 1938*a*
66. *Bellinuroopsis rossicus* Chernyshev, 1933* ..... C Coal Measures

† **ROLFEIIDAE Selden & Siveter, 1987** ..... **Carboniferous**
† ***Rolfeia*** **Waterston, 1985** ..... **Carboniferous**
67. *Rolfeia fouldenensis* Waterston, 1985* ..... C Fouldon, Scotland

LIMULINA Richter & Richter, 1929 ..... **Carbon. – Recent**
† **PALEOLIMULOIDEA Raymond, 1944** ..... **Carbon. – Jurassic**
† **PALEOLIMULIDAE Raymond, 1944** ..... **Carbon. – Jurassic**

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

= † DUBBOLIMULIDAE Pickett, 1984

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

= † *Limulites* Schimper, 1853 [preoccupied]

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

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

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

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

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

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

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

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

= † *Dubbolimulus* Pickett, 1984

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

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

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

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

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

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

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

MORAVURIDAE Příbyl, 1967 ..... **Carboniferous**

† ***Moravurus*** **Příbyl, 1967** ..... **Carboniferous**

79. *Moravurus rehori* Příbyl, 1967 ..... C Ostrava-Karviná

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

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

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

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

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

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

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

† ***Heterolimulus*** **Via Boada & Villalta, 1966** ..... **Triassic**

83. *Heterolimulus gadeai* Via Boada & Villalta, 1966* ..... Tr Tarragona, Spain

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

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

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

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

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

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

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

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

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

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

87. *Limulus coffini* Reeside & Harris, 1952 ..... K Colorado
88. *Limulus priscus* Münster, 1839 ..... Tr Rottweil, Germany
89. *Limulus woodwardi* Watson, 1909 ..... J Northamptonshire

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

Mesolimulus sp. *in* Ross & Vannier (2002) ..... J southern England
90. *Mesolimulus crespelli* Via Boada, 1987 ..... Tr Tarragona, Spain
91. *Mesolimulus sibiricus* Ponomarenko, 1985 ..... J Siberia
92. ?*Mesolimulus syriacus* (Woodward, 1879) ..... K Lebanon
93. *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**

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

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

95. *Tachypleus decheni* (Zinken, 1862) ..... Ne Saxony, Geramany

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

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

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

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

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

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

INCERTAE SEDIS

† ***Belinuropsis* Matthew 1910**

99. *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] …….. € 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

8 currently valid species of fossil chasmataspid

- there are some doubts about the monophly 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**

= † *Heteroaspis* Størmer, 1972

3. *Diploaspis casteri* Størmer, 1972* ..... D Alken an der Mosel

i. = *Heteroaspis novojilovi* Størmer, 1972 ..... D Alken an der Mosel

4. *Diploaspis muelleri* Poschmann, Anderson & Dunlop, 2005 ..... D Hombach, Germany

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

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

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

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

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

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

DIPLOASPIDIDAE *INCERTAE SEDIS*

† **‘*Eurypterus*’**

8. ‘*Eurypterus*’ *stoermeri* Novojilov, 1959 ..... D Taimyr, Siberia

no Recent species

EURYPTERIDA

246 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

= † ALKENOPTERIDAE Poschmann & Tetlie, 2004

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

1. *Alkenopterus brevitelson* Størmer, 1974* ..... D Alken an der Mosel
2. *Alkenopterus burglahrensis* Poschmann & Tetlie, 2004 ..... D Westerwald, Germ.

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

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

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

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

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

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

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

8. *Leiopterella tetlei* Lamsdell, Braddy, Loeffler & Dineley, 2010 ..... D Nunavut, Canada

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

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

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

† **PARASTYLONURIDAE Waterston, 1979** ..... **Ordovician – Silurian**

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

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

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

15. *Stylonurella* ?*arnoldi* (Ehlers, 1935) ..... D Pennsylvania, USA
16. *Stylonurella* ?*beecheri* (Hall, 1884*c*) ..... D Pennsylvania, USA
17. *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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

32. *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

† **HIBBERTOPTEROIDEA Kjellesvig-Waering, 1959** ..... **Devonian – Permian**

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

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

33. *Drepanopterus abonensis* Simpson, 1951 ..... D Portishead, England

34. *Drepanopterus pentlandicus* Laurie, 1892* ..... S Pentland Hills, Scotl.

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

= † CYRTOCTENIDAE Waterston, Oelofsen & Oosthuizen, 1985

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

35. *Campylocephalus oculatus* (Kutorga, 1838)* ..... P Dourasovo, 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 permianus* Ponomarenko, 1985 ..... P Komi, Russia

47. *Hibbertopterus scouleri* (Hibbert, 1836)* ..... C West Lothian, Scotl.

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

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

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

= † WOODWARDOPTERIDAE Kjellesvig-Waering, 1959

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

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

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

50. ?*Mycterops blairi* Waterston, 1968 ..... C Loanhead, Scotland

51. *Mycterops matthieui* Pruvost, 1924 ..... C Charleroi, Belgium
52. *Mycterops ordinatus* Cope, 1886* ..... C Channelton, PA
53. ?*Mycterops whitei* Schram, 1984 ..... C Crescent, Iowa

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

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

STYLONURINA *incertae sedis*

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

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

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

plesion taxa

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

56. *Onychopterella augusti* Braddy, Aldridge & Theron, 1995 ..... O Soom Shale, S. Afr.
57. *Onychopterella kokomoensis* (Miller & Gurley, 1896)* ..... S Kokomo, Indiana
    i. = *Eurypterus ranilarva* Clarke & Ruedemann, 1912 ..... S Kokomo, Indiana
58. ?*Onychopterella pumilus* (Savage, 1916) ..... S Essex, Illinois

plesion taxa currently assigned to *Drepanopterus*

59. ?*Drepanopterus conicus* Laurie, 1892 ..... S Pentland Hills
60. ?*Drepanopterus latus* (Størmer, 1934*b*) ..... S Ringerike, Norway
61. ?*Drepanopterus lobatus* Laurie, 1899 ..... S Pentland Hills
62. ?*Drepanopterus nodosus* Kjellesvig-Waering & Leutze, 1966 ..... S Bass, West Virginia

† MOSELOPTEROIDEA Lamsdell, Braddy & Tetlie, 2010 ..... Devonian

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

"*Drepanopterus*"

63. *?Drepanopterus bembycoides* Laurie, 1899 ..... S Pentland Hills

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

64. *Moselopterus ancylotelson* Størmer, 1974* ..... D Alken an der Mosel
65. *Moselopterus elongatus* Størmer, 1974 ..... D Alken an der Mosel
66. *Moselopterus lancmani* (Delle, 1937) ..... D Plavinas, Latvia

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

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

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

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

70. *Megalograptus alveolatus* (Shuler, 1915) ..... O Virginia

71. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 ..... O Ohio
72. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
73. *Megalograptus welchi* Miller, 1874* ..... O Ohio
74. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 ..... O Ohio

† **EURYPTEROIDEA Burmeister, 1843** ..... **Silurian – Devonian**

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

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

75. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979 ..... S Gotland, Sweden
76. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 ..... S New York
77. *Dolichopterus macrocheirus* Hall, 1859* ..... S New York / Canada
78. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912 ..... S New York / Canada
79. ?*Dolichopterus stoermeri* Caster & Kjellesvig-Waering, 1956 ..... S Saaremaa, Estonia

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

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

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

81. *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** ..... **Devonian**

82. *Strobilopterus princetonii* (Ruedemann, 1934)* ..... D Wyoming, USA

† ***Syntomopterus* Kjellesvig-Waering, 1961a** ..... **Devonian**

83. *Syntomopterus richardsoni* Kjellesvig-Waering, 1961*a** ..... D Ohio

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

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

= † *Baltoeurypterus* Størmer, 1973

84. ?*Eurypterus cephalaspis* Salter, 1856 ..... S Herefordshire, Engl.
85. *Eurypterus dekayi* Hall, 1859 ..... S New York / Ontario
86. *Eurypterus flintstonensis* Swartz, 1923 ..... S eastern USA
87. *Eurypterus hankeni* Tetlie, 2006*a* ..... S Ringerike, Norway
88. *Eurypterus henningsmoeni* (Tetlie, 2002)…….. ..... S Bærum, Norway
89. *Eurypterus laculatus* Kjellesvig-Waering, 1958 ..... S New York / Ontario
90. *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
91. *Eurypterus leopoldi* Tetlie, 2006*a* ..... S Somerset Is., Canada
92. *Eurypterus megalops* Clarke & Ruedemann, 1912 ..... S New York
93. ?*Eurypterus minor* Laurie, 1899 ..... S Pentland Hills, Scotl.
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 latus* Ruedemann, 1935 ..... D Wyoming, USA
104. ?*Erieopterus limuloides* (Kjellesvig-Waering, 1948*a*) ..... S Kokomo, Indiana
105. *Erieopterus microphthalmus* (Hall, 1859)*..... D New York / Canada
106. ?*Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
107. *?Erieopterus statzi* Størmer, 1936*a* ..... D Siegburg, Germany
108. ?*Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 ..... S Michigan

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

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

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

109. ?*Carcinosoma harleyi* Kjellesvig-Waering, 1961*b* ..... S England
110. *Carcinosoma libertyi* Copeland & Bolton, 1960 ..... S Manitoulin I., Canada
111. *Carcinosoma newlini* Claypole, 1890*a** ..... S Kokomo, Indiana
    i. = *Carcinosoma ingens* Claypole, 1894 ..... S Kokomo, Indiana
112. ?*Carcinosoma punctatum* (Salter *in* Huxley & Salter, 1859) ..... S England
113. *Carcinosoma scorpioides* (Woodward, 1868)..... S Lesmahagow
    i. = *Pterygotus raniceps* Woodward, 1868 ..... S Lesmahagow
114. *Carcinosoma scoticus* (Laurie, 1899)..... S Pentland Hills, Scotl.
115. ?*Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 ..... S Pittsford, New York

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

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

† ***Paracarcinosoma* Caster & Kjellesvig-Waering, 1964** ..... **Silurian – Devonian**

117. *Paracarcinosoma acrocephalus* (Semper, 1898)..... S–D Barrandian area
118. *Paracarcinosoma obesus* (Woodward, 1868)..... S Lesmahagow
119. *Paracarcinosoma scorpionis* (Grote & Pitt, 1875)*..... S New York / Ontario

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

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

121. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 .... S Dô Son, Vietnam
122. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)*..... S Clinton, New York

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

= † LANARKOPTERIDAE Tollerton, 1989

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

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

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

124. *Mixopterus kiaeri* Størmer, 1934*b* ..... S Ringerike, Norway
125. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)*..... S New York
126. *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**

127. *Grossopterus overathi* (Gross, 1933)* ..... D Overath
128. *Grossopterus inexpectans* (Ruedemann, 1921) ..... D Gilboa

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

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

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

130. *Waeringopterus apfeli* Leutze, 1961 ..... S New York / Ontario
131. *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

132. *Adelophthalmus approximatus* (Hall & Clarke, 1888) ..... C Pennsylvania, USA
133. *Adelophthalmus asturica* (Melendez, 1971) ..... C d'Ablana, Spain
134. *Adelophthalmus bradorensis* (Bell, 1922) ..... C N. Campbelltown
135. *Adelophthalmus cambieri* (Pruvost, 1930) ..... C Charleroi, Belgium
136. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) ..... C Donetsk, Ukraine
137. *Adelophthalmus chinensis* (Grabau, 1920) ..... C–P Zhaozezhuang
138. *Adelophthalmus corneti* (Pruvost, 1939) ..... C Quaregnon, Belgium
139. *Adelophthalmus douvillei* (de Lima, 1890) ..... P Bussaco, Portugal
140. *Adelophthalmus dumonti* (Stainier, 1917) ..... C Mechelen-sur-Meuse

141. *Adelophthalmus granosus* Jordan *in* Jordan & von Meyer, 1854* ..... C Saarbrücken, Germ.
142. *Adelophthalmus imhofi* (Reuss, 1855) ..... C Vlkys, Czech Rep.
143. *Adelophthalmus irinae* Shpinev, 2006 ..... C Krasnoyarsk, Russia
144. *Adelophthalmus kidstoni* (Peach, 1888) ..... C Radstock, England
145. *?Adelophthalmus lohesti* (Dewalque *in* Fraipont 1889) ..... D Pont de Bonne, Belg.
146. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 ..... P New Mexico
147. *Adelophthalmus mansfieldi* (Hall, 1877) ..... C Pennsylvania
    i. = *Eurypterus stylus* Hall, 1884 ..... C Pennsylvania
148. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) ..... C Illinois
149. *Adelophthalmus moyseyi* (Woodward, 1907*a*) ..... C Ilkeston, Blaengarw
    i. = *Eurypterus derbiensis* Woodward, 1907*a* ..... C Ilkeston, England
150. *Adelophthalmus nebraskensis* (Barbour, 1914) ..... P Nebraska
151. *Adelophthalmus pennsylvanicus* (Hall, 1877) ..... C Pennsylvania
152. ?*Adelophthalmus* ?*perornatus* (Peach, 1882) ..... C Glencartholm, Scotl.
153. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948*b* ..... C Lens, France
154. ?*Adelophthalmus raniceps* Goldenberg, 1873 ..... C Saarbrücken, Germ.
155. *Adelophthalmus sellardsi* (Dunbar, 1924) ..... P Elmo, Kansas
156. *Adelophthalmus sievertsi* (Størmer, 1969) ..... D Willwerath, Germ.
    i. = ?*Eurypterus trapezoides* Størmer, 1974 ..... D Nellenköpfchen, Ger.
157. *Adelophthalmus waterstoni* (Tetlie *et al*., 2004) ..... D Kimberley, Australia
158. *Adelophthalmus wilsoni* (Woodward, 1888) ..... C Radstock, England
159. *Adelophthalmus zadrai* Přibyl, 1952 ..... C Moravo-Silesia

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

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

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

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

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

162. *Nanahughmilleria clarkei* Kjellesvig-Waering, 1964*b* ..... S Otisville, New York
163. *Nanahughmilleria norvegica* (Kiær, 1911)* ..... S Ringerike, Norway
    i. = *Eurypterus minutus* Kiær, 1911 ..... S Ringerike, Norway
164. ?*Nanahughmilleria prominens* (Hall, 1884*b*) ..... S Cayuga, New York
165. *Nanahughmilleria pygmaea* (Salter, 1859) ..... S Herefordshire, Engl.
166. ?*Nanahughmilleria schiraensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia

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

167. *Parahughmilleria bellistriata* (Kjellesvig-Waering, 1950*a*) ..... S West Virginia
168. *Parahughmilleria hefteri* Størmer, 1973 ..... D Rhenish Massif, Ge.
169. *Parahughmilleria maria* (Clarke, 1907) ..... S New York
170. *Parahughmilleria matarakensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia
171. *Parahughmilleria salteri* Kjellesvig-Waering, 1961*b** ..... S Herefordshire, Engl.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † JAEKELOPTERIDAE Størmer, 1974

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

181. *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

182. *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

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

184. *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

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

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

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

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

188. *Ciurcopterus sarlei* (Ciurca & Tetlie, 2007) ..... S Pittsford, New York
189. *Ciurcopterus ventricosus* (Kjellesvig-Waering, 1948*a*)* ..... S Kokomo, Indiana

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

190. *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
191. *Erettopterus brodiei* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
192. *Erettopterus canadensis* (Dawson, 1879) ..... S Ontario, Canada
193. *Erettopterus exophthalmus* Kjellesvig-Waering & Leutze, 1966 ..... S Bass, West Virginia
194. *Erettopterus gigas* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
195. *Erettopterus globiceps* Clarke & Ruedemann, 1912 ..... S eastern USA
196. *Erettopterus grandis* Pohlman, 1881 ..... S New York
197. *Erettopterus holmi* (Størmer, 1934*b*) ..... S Ringerike, Norway
198. *Erettopterus laticauda* Schmidt, 1883 ..... S Saaremaa, Estonia
199. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* ..... S England
200. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* ..... S England
201. *Erettopterus osiliensis* Schmidt, 1883 ..... S Saaremaa, Estonia
202. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* ..... S Pennsylvania
203. *Erettopterus serratus* Kjellesvig-Waering, 1961 ..... D Ohio
204. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
205. ?*Erettopterus vogti* Størmer, 1934*a* ..... D Spitsbergen
206. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York

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

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

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

209. *Pterygotus anglicus* Agassiz, 1844* ..... D Scotland, Canada
    i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912..... D New Brunswick, Can.
    ii. = *Pterygotus minor* Woodward, 1864 ..... D Scotland
210. *Pterygotus arcuatus* Salter *in* Huxley & Salter, 1859..... D Herefordshire, Engl.
211. ?*Pterygotus australis* McCoy, 1899..... S Melbourne, Australia
212. *Pterygotus barrandei* Semper, 1898 ..... S Barrandian area
    i. = *Pterygotus beraunensis* Semper, 1898 ..... S Barrandian area
213. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* ..... D Belen, Bolivia

214. *Pterygotus carmani* Kjellesvig-Waering, 1961 ..... D Ohio
215. *Pterygotus cobbi* Hall, 1859 ..... S New York / Canada
216. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
217. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* ..... D Florida
218. *Pterygotus gaspesiensis* Russell, 1953 ..... D Québec, Canada
219. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* ..... S England
220. *?Pterygotus impacatus* Kjellesvig-Waering, 1964*a* ..... S Saaremaa, Estonia
221. *Pterygotus kopaninensis* Barrande, 1872 ..... S Barrandian area, Cz.
222. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* ..... S Lesmahagow, Scotl.
223. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* ..... S England
224. *Pterygotus ludensis* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
225. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* ..... S Maryland
226. *Pterygotus monroensis* Sarle 1902 ..... S New York

EURYPTERIDA *incertae sedis*

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

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

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

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

† ***?Dolichopterus***

230. ?*Dolichopterus asperatus* Kjellesvig-Waering, 1961 [a/b?] ..... D Ohio
231. ?*Dolichopterus bulbosus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
232. ?*Dolichopterus herkimerensis* Caster & Kjellesvig-Waering, 1956 ..... S New York / Canada

† ***?Eurypterus***

233. ?*Eurypterus loi* Chang, 1957 [non eurypterid?] ..... S Hubei, China
234. *?Eurypterus podolicus* Chernyshev, 1947 ..... S Ukraine
235. ?*Eurypterus satpaevi* Simorin, 1956 ..... C Karaganda, Kazakh.
236. ?*Eurypterus styliformis* Chang, 1957 [non eurypterid?] ..... S Hubei, China
237. ?*Eurypterus tschernyschevi* Simorin, 1956 ..... C Karaganda, Kazakh.
238. ?*Eurypterus yangi* Chang, 1957 [non eurypterid?] ..... S Hubei, China

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

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

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

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

† ***?Nanahughmilleria***

241. *?Nanahughmilleria lanceolata* Salter, 1856 ..... S Lesmahagow
    i. = *Eurypterus chartarius* Salter, 1859 ..... S Lesmahagow
    ii. = *Eurypterus linearis* Salter, 1859 ..... S Lesmahagow

† ***?Salteropterus***

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

† ***?Stylonurus***

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

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

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

245. ?*Tylopterella menneri* (Novojilov, 1959) ..... D Taimyr, Russia

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

246. *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. *Pterygotus expectatus* Barrande, 1872 [crustacean] ..... S Barrandian area
10. *Pterygotus* (*Curviramus*) *elleri* Ruedemann, 1935 [crustacean] ..... D New York
11. *Pterygotus* (*Curviramus*) *montanensis* Ruedemann, 1935 [crustacean] ..... D Montana
12. *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 ..... p€ M. Pradesh, India
17. ?*Eurypterus pristinus* (Clarke & Ruedemann, 1912) ..... O New York
18. *Eurypterus vermai* Dubey, 1985 ..... p€ M. Pradesh, India
19. *Hughmilleria chiplonkari* Dubey, 1985 ..... p€ 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

120 currently valid species of fossil scorpion

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

† Pelsion (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**

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

14. *Allobuthiscorpius major* (Wills, 1960)* ..... C Kilburn Coal

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

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

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

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

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

16. *Allobuthus macrostethus* Kjellesvig-Waering, 1986* ..... C Coseley

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

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

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

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

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

20. *Coseleyscorpio lanceolatus* Kjellesvig-Waering, 1986* ..... C Coseley

† ***Lichnoscorpius* Petrunkevitch, 1949** ..... **Carboniferous**

21. *Lichnoscorpius minutus* Petrunkevitch, 1949* ..... C Coseley

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

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

22. *Buthiscorpius buthiformis* (Pocock, 1911)* ..... C Sparth Bottoms

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

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

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

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

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

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

25. *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**

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

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

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

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

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

= † ANTHRACOCHAERILIDAE Kjellesvig-Waering, 1986

= † PHOXISCORPIONIDAE Kjellesvig-Waering, 1986

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

42. *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**

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

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

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

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

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

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

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

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

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

= † *Mazoniscorpio* Wills, 1960

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

i. = *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**

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

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

50. *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

= † *Typhlopisthacanthus* Petrunkevitch, 1949

= † *Typhloscorpius* Petrunkevitch, 1949

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

63. *Isobuthus kralupensis* (Thorell & Lindström, 1885)* ..... C Kralup

64. ?*Isobuthus nyranensis* Frič, 1904 ..... C Nýřany

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

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

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

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

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

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

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

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

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

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

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

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

68. *Leioscorpio pseudobuthiformis* Kjellesvig-Waering, 1986* ..... C Coseley

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

69. *Paraisobuthus duobicarinatus* Kjellesvig-Waering, 1986 ..... C Shipley

70. *Paraisobuthus frici* Kjellesvig-Waering, 1986 ..... C Kralupy Hill

71. *Paraisobuthus prantli* Kjellesvig-Waering, 1986* ..... C Rakovník

72. *Paraisobuthus virginiae* Kjellesvig-Waering, 1986 ..... C Mazon Creek

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

77. *Pseudobuthiscorpius labiosus* Kjellesvig-Waering, 1986* ..... C Coseley

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

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

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

79. ?*Waterstonia brachistodactyla* Kjellesvig-Waering, 1986 [claw only !] ... C Beith, Ayrshire

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

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

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

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

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

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

Orthosternina *incertae sedis*

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

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

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

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

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

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

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

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

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

family uncertain

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

86. *Compsoscorpius elegans* Petrunkevitch 1949* ..... C Coseley

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

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

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

no fossil record

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

family uncertain

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

87. *Palaeoburmesebuthus grimaldii* Lourenço, 2002* ..... K Myanmar amber

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

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

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

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

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

89. *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**

90. *Centruroides nitidus* (Thorell, 1876*a*) **[Recent]** ..... Ne Dominican amber

i. = *Centruroides beynai* Schawaller, 1979*a* ..... Ne Dominican amber

***Microcharmus* Lourenço, 1995** ..... **Quaternary – Recent**

91. *Microcharmus henderickxi* (Lourenço, 2009*a*) ..... Qt Madagascar copal

Microtityus* Kjellesvig-Waering, 1966*c ..... **Neogene – Recent**

92. *Microtityus ambarensis* (Schawaller, 1982*a*) ..... Ne Dominican amber

† ***Palaeoakentrobuthus* Lourenço & Weitschat, 2000** ..... **Palaeogene**

93. *Palaeoakentrobuthus knodeli* Lourenço & Weitschat, 2000* ..... Pa Baltic amber

† ***Palaeoananteris* Lourenço & Weitschat, 2001** ..... **Palaeogene**

94. *Palaeoananteris ribnitiodamgartensis* Lourenço & Weitschat, 2001* ..... Pa Baltic amber

95. *Palaeoananteris ukrainensis* Lourenço & Weitschat, 2009 ..... Pa Rovno amber

96. *Palaeoananteris wunderlichi* Lourenço, 2004 ..... Pa Baltic amber

† ***Palaeoisometrus* Lourenço & Weitschat, 2005a** ..... **Palaeogene**

97. *Palaeoisometrus elegans* Lourenço & Weitschat, 2005*a** ..... Pa Baltic amber

† ***Palaeogrosphus* Lourenço, 2000*a*** ..... **Neogene**

98. *Palaeogrosphus copalensis* (Lourenço, 1996*b*) ..... Qt Copal

† ***Palaeoprotobuthus* Lourenço & Weitschat, 2000** ..... **Palaeogene**

99. *Palaeoprotobuthus pusillus* Lourenço & Weitschat, 2000* ..... Pa Baltic amber

† ***Palaeospinobuthus* Lourenço, Henderickx & Weitschat, 2005** ..... **Palaeogene**

100. *Palaeospinobuthus cenozoicus* Lourenço, Henderickx & Weitschat, 2005* ..... Pa Baltic amber

† ***Palaeotityobuthus* Lourenço & Weitschat, 2000** ..... **Palaeogene**

101. *Palaeotityobuthus longiaculeus* Lourenço & Weitschat, 2000* ..... Pa Baltic amber

***Tityus* C. L. Koch, 1836** ..... **?Palaeogene – Recent**

102. '*Tityus*' *eogenus* Menge, 1869 [presumably misplaced] ..... Pa Baltic amber

103. *Tityus geratus* Santiago-Blay & Poinar, 1988 ..... Ne Dominican amber

104. *Tityus (Brazilotityus) hartkorni* Lourenço, 2009*b* ..... Ne Dominican amber

† ***Uintascorpio* Perry, 1995** ..... **Palaeogene**

105. *Uintascorpio halandrasorum* Perry, 1995* ..... Pa Green River

BUTHIDAE *incertae sedis*

106. '*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**

† **PALAEOEUSCORPIDAE Lourenço, 2003** ..... **Cretaceous**

† ***Palaeoeuscorpius* Lourenço, 2003** ..... **Cretaceous**

107. *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**

108. *Araripescorpius ligabuei* Campos, 1986* ..... K Crato Formation

***Chactas* Gervais, 1844** ..... **Subrecent – Recent**

109. *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**

110. *Electrochaerilus buckleyi* Santiago-Blay *et al*., 2004 ..... K Myanmar 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**

111. *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**

112. *Mioscorpio zeuneri* (Hadži, 1931)* ..... Ne Swabian Alps

† ***Sinoscorpius* Hong, 1983a** ..... **Neogene**

113. *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*

† ***Brontoscorpio* Kjellesvig-Waering, 1972** ..... **Devonian**

114. *Brontoscorpio anglicus* Kjellesvig-Waering, 1972 ..... D England

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

115. *Gymnoscorpius mutillidigitatus* Jeram, 1994*b** ..... C northern England

† ***Hubeiscorpio* Walossek, Li & Brauckmann, 1990** ..... **Devonian**

116. *Hubeiscorpio gracilitarsis* Walossek, Li & Brauckmann, 1990* ..... D Hubei, China

† ***Liassoscorpionides* Bode, 1951** ..... **Jurassic**

117. *Liassoscorpionides schmidti* Bode, 1951* ..... J Hondelage, Germany

† ***Palaeomachus* Pocock, 1911** ..... **Carboniferous**

118. *Palaeomachus anglicus* (Woodward, 1876)* ..... C Mansfield

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

119. *Titanoscorpio douglassi* Kjellesvig-Waering, 1986 ..... C Mazon Creek

† ***Wattisonia* Wills, 1960** ..... **Carboniferous**

120. *Wattisonia coseleyensis* Wills, 1960 ..... C Coseley

MISIDENTIFICATIONS

1. ?*Mesophonus maculatus* (Brauer, Redtenbacher & Ganglbauer, 1889) .....
   [?insect: cockroach] ..... J Siberia
2. *Tiphoscorpio hueberi* Kjellesvig-Waering, 1986 [myriapod: *Eoarthropleura*] ..... D New York

1,947 Recent species according to Prendini (2011)

OPILIONES

32 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* ..... **Cretaceous – Recent**

† ***Palaeosiro* Poinar, 2008** ..... **Cretaceous – Recent**

1. *Palaeosiro burmanicum* Poinar, 2008 ..... K Myanmar amber

   [probably a stylocellid – all other Sironidae are European]

***Siro* Latreille, 1796** ..... **Palaeogene – Recent**

2. *Siro balticus* Dunlop & Mitov, 2011 ..... Pa Baltic amber
3. *Siro platypedibus* Dunlop & Giribet, 2003 ..... Pa Bitterfeld amber

STYLOCELLIDAE Hansen & Sørensen, 1904 ..... **Recent**

no fossil record

TROGLOSIRONIDAE Shear, 1993 ..... **Recent**

no fossil record

EUPNOI Hansen & Sørensen, 1904 (suborder) ..... **Devonian - Recent**

plesion taxa

† ***Eophalangium* Dunlop, Anderson, Kerp & Hass, 2004** ..... **Devonian**

4. *Eophalangium sheari* Dunlop, Anderson, Kerp & Hass, 2004* ..... D Rhynie chert

† ***Brigantibunum* Dunlop & Anderson, 2005** ..... **Carboniferous**

5. *Brigantibunum listoni* Dunlop & Anderson, 2005* ..... C East Kirkton

† ***Kustarachne* Scudder, 1890*b*** ..... **Carboniferous**

6. *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**

7. *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**

8. *Caddo dentipalpus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

PHALANGIOIDEA Latreille, 1802 ..... **Palaeogene – Recent**

family uncertain

† ***Petrunkevitchiana*** **Mello-Leitão, 1937** [genus *incertae sedis*] ..... **Palaeogene**

9. *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**

Dicranopalpus **Doleschall, 1852** ..... **Palaeogene – Recent**

10. *Dicranopalpus ramiger* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
    i. = *Opilio corniger* Menge, 1854 ..... Pa Baltic amber
    ii. = *Dicranopalpus palmnickensis* Roewer, 1939 ..... Pa Baltic amber

† ***Stephanobunus*** **Dunlop & Mammitzsch, 2010** ..... **Palaeogene**

11. *Stephanobunus mitovi* Dunlop & Mammitzsch, 2010 ..... Pa Baltic amber

?Phalangiidae

12. *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**

13. *Amauropilio atavus* (Cockerell, 1907) ..... Pa Florissant

14. *Amauropilio lacoei* (Petrunkevitch, 1922) ..... Pa Florissant

Leiobunum **C. L. Koch, 1839*a*** ..... **Jurassic – Recent**

15. *Leiobunum longipes* Menge, 1854 ..... Pa Baltic amber
    i. = *Leiobunum saparum* Menge, 1854 [?*lapsus*] ..... Pa Baltic amber
    ii. = *Leiobunum inclusum* Roewer, 1939 ..... Pa Baltic amber

† ***Mesobunus*** **Huang, Selden & Dunlop, 2009** ..... **Jurassic**

16. *Mesobunus martensi* Huang, Selden & Dunlop, 2009* ..... J Daohugou

Family uncertain

† ***Daohugopilio*** **Huang, Selden & Dunlop, 2009** ..... **Jurassic**

17. *Daohugopilio sheari* Huang, Selden & Dunlop, 2009* ..... J Daohugou

DYSPNOI Hansen & Sørensen, 1904 (suborder) ..... **Carbon. – Recent**

Family uncertain

† ***Ameticos*** **Garwood *et al.*, 2011** ..... **Carboniferous**

18. *Ameticos scolos* Garwood *et al*., 2011* ..... C Montceau-les-Mines

† ***Echinopustulatus*** **Dunlop, 2004** ..... **Carboniferous**

19. *Echinopustulatus samuelnelsoni* Dunlop, 2004* ..... C Missouri

ISCHYROPSALIDOIDEA Simon, 1879*a* ..... **Palaeogene – Recent**

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**

20. *Sabacon claviger* (Menge, 1854) ..... Pa Baltic amber

i. = *Sabacon bachofeni* Roewer, 1939 ..... Pa Baltic amber

TROGULOIDEA Sundevall, 1833 ..... **Cretaceous – Recent**

[family uncertain; Shear (2010) suggested it is not an ortholasmatine, but may represent a new family]

† ***Halitherses*** **Giribet & Dunlop, 2005** ..... **Cretaceous**

21. *Halitherses grimaldii* Giribet & Dunlop, 2005* ..... K Myanmar amber

DICRANOLASMATIDAE Simon, 1879*a* ..... **Recent**

no fossil record

† **EOTROGULIDAE Petrunkevitch, 1955*a*** ..... **Carboniferous**

† ***Eotrogulus*** **Thevenin, 1901** ..... **Carboniferous**

22. *Eotrogulus fayoli* Thevenin, 1901* ..... C Commentry

NEMASTOMATIDAE Simon, 1879*a* ..... **Palaeogene – Recent**

Histricostoma **Kratochvíl, 1958** ..... **Palaeogene – Recent**

23. ?*Histricostoma tuberculatum* (C. L. Koch & Berendt, 1854) Pa Baltic amber

Mitostoma **Roewer, 1951** ..... **Palaeogene – Recent**

24. ?*Mitostoma denticulatum* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Nemastoma succineum* Roewer, 1939 ..... Pa Baltic amber

Nemastoma **C. L. Koch, 1836** ..... **Palaeogene – Recent**

25. ?*Nemastoma incertum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† **NEMASTOMOIDIDAE Petrunkevitch, 1955*a*** ..... **Carboniferous**

† ***Nemastomoides*** **Thevenin, 1901** ..... **Carboniferous**

= † *Protopilio* Petrunkevitch, 1913

26. *Nemastomoides elaveris* Thevenin, 1901* ..... C Commentry

27. *Nemastomoides longipes* (Petrunkevitch, 1913) ..... C Mazon Creek

NIPPONOSALIDIDAE Martens, 1976 ..... **Recent**

no fossil record

TROGULIDAE Sundevall, 1833 ..... **Palaeogene – Recent**

Trogulus **Latreille, 1802** ..... **Palaeogene – Recent**

28. *Trogulus longipes* Haupt, 1956 ..... Pa Geiseltal

LANIATORES Thorell, 1876*c* (suborder) ..... **Palaeogene – Recent**

family uncertain

Philacarus **Sørensen, 1932** ..... **Neogene – Recent**

29. *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**

30. *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) ..... **Neogene – 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**

31. *Hummelinckiolus silhavyi* Cokendolpher & Poinar, 1998 ..... Ne Dominican amber

***Pellobunus* Banks, 1905** ..... **Neogene – Recent**

32. *Pellobunus proavus* Cokendolpher, 1987 ..... Ne Dominican amber

STYGNOMMATIDAE Roewer, 1923 ..... **Recent**

no fossil record

ASSAMIOIDEA Sørensen, 1884 ..... **Recent**

ASSAMIIDAE Sørensen, 1884 ..... **Recent**

no fossil record

EPEDANIDAE Sørensen, 1886 ..... **Recent**

no fossil record

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

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. *Rhabdotarachnoides simoni* Haupt, 1957 [plant fragment] ..... P Rotliegend

6,519 Recent species according to Kury (2011)

PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

† **PHALANGIOTARBIDA Haase, 1890** ..... **Devonian – Permian**

= † ARCHITARBIDA Petrunkevitch, 1945*a*

† **ANTHRACOTARBIDAE Kjellesvig-Waering, 1969** ..... **Carboniferous**

† ***Anthracotarbus*** **Kjellesvig-Waering, 1969** ..... **Carboniferous**

1. *Anthracotarbus hintoni* Kjellesvig-Waering, 1969* ..... C Oklahoma

† **ARCHITARBIDAE Karsch, 1882** ..... **Devonian – Carbon.**

= † PHALANGIOTARBIDAE Haase, 1890

† ***Architarbus*** **Scudder, 1868** ..... **Carboniferous**

2. *Architarbus hoffmanni* Guthörl, 1934 ..... C Saar basin
   i. = *Opiliotarbus kliveri* Waterlot, 1935..... C Saar basin
   ii. = *Goniotarbus sarana* Guthörl, 1965 ..... C Saar basin
3. *Architarbus minor* Petrunkevitch, 1913 ..... C Mazon Creek
4. *Architarbus rotundatus* Scudder, 1868* ..... C Mazon Creek

† ***Bornatarbus*** **Rößler & Schneider, 1997** ..... **Carboniferous**

5. *Bornatarbus mayasii* (Haupt *in* Nindel, 1955)* ..... C Germany / UK

† ***Devonotarbus*** **Poschmann, Anderson & Dunlop, 2005** ..... **Devonian**

6. *Devonotarbus hombachensis* Poschmann, Anderson & Dunlop, 2005* D Hombach

† ***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

43 currently valid species of fossil pseudoscorpion

PSEUDOSCORPIONES De Geer, 1778 ..... **Devonian – Recent**

= CHERNETES Simon, 1879*a*

= CHELONETHI Thorell, 1882

EPIOCHIERATA Harvey, 1992 (suborder) ..... **Devonian – Recent**

CHTHONOIDEA Daday, 1888 ..... **Devonian – Recent**

CHTHONIIDAE Daday, 1888 ..... **Palaeogene – Recent**

Chthonius* C. L. Koch, 1843*a ..... **Palaeogene – Recent**

1. *Chthonius* (*Chthonius*) *mengei* Beier, 1937 ..... Pa Baltic amber
2. *Chthonius* (*Chthonius*) *pristinus* Schawaller, 1978 ..... Pa Baltic amber

***Pseudochthonius* Balzan, 1892** ..... **Neogene – Recent**

3. *Pseudochthonius squamosus* Schawaller, 1980*a* ..... Ne Dominican amber

***Tyrannchthonius* Chamberlin, 1929** ..... **Quaternary – Recent**

Tyrannchthonius sp. *in* Judson (2010) ..... Qt Madagascan copal

† **DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991** ..... **Devonian**

† ***Dracochela* Schawaller, Shear & Bonamo, 1991** ..... **Devonian**

4. *Dracochela deprehendor* Schawaller, Shear & Bonamo, 1991* ..... D Gilboa

LECHYTIDAE Chamberlin, 1929 ..... **Neogene – Recent**

***Lechytia* Balzan, 1892** ..... **Neogene – Recent**

5. *Lechytia tertiaria* Schawaller, 1980*a* ..... Ne Dominican amber

TRIDENCHTHONIIDAE Balzan, 1892 ..... **Palaeogene – Recent**

= DITHIDAE Chamberlin, 1929

† ***Chelignathus* Menge, 1854** ..... **Palaeogene**

6. *Chelignathus kochii* Menge, 1854 ..... Pa Baltic amber

FEAELLOIDEA Ellingsen, 1906 ..... **Palaeogene – Recent**

FEAELLIDAE Ellingsen, 1906 ..... **Recent**

no fossil record

PSEUDOGARYPIDAE Chamberlin, 1923*a* ..... **Palaeogene – Recent**

***Pseudogarypus* Ellingsen, 1909** ..... **Palaeogene – Recent**

7. *Pseudogarypus extensus* Beier, 1937 ..... Pa Baltic amber

8. *Pseudogarypus hemprichii* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
9. *Pseudogarypus minor* Beier, 1947*a* ..... Pa Baltic amber
10. *Pseudogarypus pangaea* Henderickx *in* Henderickx *et al.*, 2006 ..... Pa Baltic amber

IOCHIERATA Harvey, 1992 (suborder) ..... **Cretaceous – Recent**

HEMICTENATA Balzan, 1892 (infraorder) ..... **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**

11. *Electrobisium acutum* Cockerell, 1917*a** ..... K Myanmar amber

Microcreagris **Balzan, 1892** ..... **Palaeogene – Recent**

12. *Microcreagris koellneri* Schawaller, 1978 ..... Pa Baltic amber

Neobisium **Chamberlin, 1930** ..... **Palaeogene – Recent**

13. *Neobisium* (*Neobisium*) *exstinctum* Beier, 1955 ..... Pa Baltic amber
14. *Neobisium henderickxi* Judson, 2003 ..... Pa Baltic amber

Roncus **L. Koch, 1873** ..... **Palaeogene – Recent**

15. *Roncus succineus* Beier, 1955 ..... Pa Baltic amber

PARAHYIDAE Harvey, 1992 ..... **Recent**

no fossil record

SYARINIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

PANCTENATA Balzan, 1892 (infraorder) ..... **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**

16. *Amblyolpium burmiticum* (Cockerell, 1920) ..... K Myanmar amber

***Garypinus* Daday, 1888** ..... **Palaeogene – Recent**

17. *Garypinus electri* Beier, 1937 ..... Pa Baltic amber

GEOGARYPIDAE Chamberlin, 1930 ..... **Palaeogene – Recent**

***Geogarypus* Chamberlin, 1930** ..... **Palaeogene – Recent**

18. *Geogarypus gorskii* Henderickx, 2005 ..... Pa Baltic amber

19. *Geogarypus macrodactylus* Beier, 1937 ..... Pa Baltic amber

20. *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**

21. *Idiogaryops pumilus* (Hoff, 1963) **[Recent]** ..... Ne–R Dominican amber

CHEIRIDIOIDEA Hansen, 1894 ..... **Palaeogene – Recent**

CHEIRIDIIDAE Hansen, 1894 ..... **Palaeogene – Recent**

***Cheiridium* Menge, 1855** ..... **Palaeogene – Recent**

22. *Cheiridium hartmanni* (Menge, 1854) ..... Pa Baltic amber

Cryptocheiridium* Chamberlin, 1931*a ..... **Neogene – Recent**

23. *Cryptocheiridium* (*Cryptocheiridium*) *antiquum* Schawaller, 1981 ..... Ne Dominican amber

PSEUDOCHIRIDIIDAE Chamberlin, 1923*b* ..... **Neogene – Recent**

***Pseudochiridium* With, 1906** ..... **Neogene – Recent**

24. *Pseudochiridium lindae* Judson, 2007 ..... Ne Dominican amber

CHELIFEROIDEA Risso, 1826 ..... **Cretaceous – Recent**

ATEMNIDAE Chamberlin, 1931*a* ..... **Palaeogene – Recent**

Atemniae indet. *in* Judson (2010) ..... Qt Dominican amber

***Paratemnoides* Harvey, 1991** ..... **Quaternary – Recent**

25. *Paratemnoides nidifacator* (Balzan, 1888) **[Recent]** ..... Qt–R Colombian copal

† ***Progonatemnus*** **Beier, 1955** ..... **Palaeogene**

26. *Progonatemnus succineus* Beier, 1955 ..... Pa Baltic amber

CHELIFERIIDAE Risso, 1826 ..... **Cretaceous – Recent**

Cheliferiidae? indet. *in* Judson (2009) .... K Archingeay amber

† ***Dichela*** **Menge, 1854** ..... **Palaeogene**

= † *Oligochelifer* Beier, 1937

27. *Dichela berendtii* Menge, 1954* ..... Pa Baltic amber

28. *Dichela gracilis* (Beier, 1937) ..... Pa Baltic amber

29. *Dichela granulatus* (Beier, 1937) ..... Pa Baltic amber

30. *Dichela serratidentatus* (Beier, 1937) ..... Pa Baltic amber

† ***Electrochelifer*** **Beier, 1937** ..... **Palaeogene**

31. *Electrochelifer bachofeni* Beier, 1947*a* ..... Pa Baltic amber

32. *Electrochelifer balticus* Beier, 1955 ..... Pa Baltic amber

33. *Electrochelifer mengei* Beier, 1937* ..... Pa Baltic amber

34. *Electrochelifer rapulitarsus* Beier, 1947*a* ..... Pa Baltic amber

† ***Heurtaultia*** **Judson, 2009** [tentative referal to family] ..... **Cretaceous**

35. *Heurtaultia rossiorum* Judson, 2009 ..... K Archingeay amber

† ***Pycnochelifer*** **Beier, 1937** ..... **Palaeogene**

36. *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**

37. *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

† ***Oligochernes*** **Beier, 1937** ..... **Palaeogene**

38. *Oligochernes bachofeni* Beier, 1937 ..... Pa Baltic amber

39. *Oligochernes wigandi* (Menge, 1854) ..... Pa Baltic amber

Pachychernes **Beier, 1932*b*** ..... **Neogene – Recent**

40. *Pachychernes effossus* Schawaller, 1980*b* ..... Ne Dominican amber

41. *Pachychernes* aff. *subrobustus* (Balzan, 1892) **[Recent]** ..... Qt–R Colombian copal

WITHIIDAE Chamberlin, 1931*b* ..... **Palaeogene – Recent**

† ***Beierowithius*** **Mahnert, 1979** ..... **Palaeogene**

42. *Beierowithius sieboldtii* (Menge, 1854)* ..... Pa Baltic amber

Withius **Kew, 1911** ..... **Quaternary – Recent**

43. *Chelifer eucarpus* Dalman, 1826 ..... Qt East African opal

NOMINA DUBIA

1. *Chelifer ehrenbergii* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

NOMINA NUDA

1. *Chelifer fossilis* Weyenbergh, 1874 ..... J Solnhofen

3,454 Recent species according to Harvey (2011)

SOLIFUGAE

5 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

† ***Protosolpuga*** **Petrunkevitch, 1913** ..... **Carboniferous**

2. *Protosolpuga carbonaria* Petrunkevitch, 1913* ..... C Mazon Creek

AMMOTRECHIDAE Roewer, 1934 ..... **Neogene – Recent**

† ***Happlodontus*** **Poinar & Santiago-Blay, 1989** ..... **Neogene**

3. *Happlodontus proterus* Poinar & Santiago-Blay, 1989* ..... Ne Dominican amber

CEROMIDAE Roewer, 1933 ..... **Cretaceous – Recent**

† ***Cratosolpuga*** **Selden *in* Selden & Shear, 1996** ..... **Cretaceous**

4. *Cratosolpuga wunderlichi* Selden *in* Selden & Shear, 1996* ..... K Crato Formation

DAESIIDAE Kraepelin, 1899 ..... **Palaeogene – Recent**

† ***Palaeoblossia*** **Dunlop, Wunderlich & Poinar, 2004** ..... **Palaeogene**

5. *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

1 currently valid species of fossil palpigrade

PALPIGRADI Thorell, 1888 ..... **Neogene – 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* ..... **Recent**

no fossil record

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

78 Recent species according to Harvey (2003)

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) ..... **Palaeogene – Recent**

= NOTOSTIGMATA author, date?

OPILIOACARODEA Vitzthum, 1931 ..... **Palaeogene – Recent**

OPILIOACARIDAE Vitzthum, 1931 ..... **Palaeogene – Recent**

= NEOACARIDAE Chamberlin & Mulaik, 1942

***Opilioacarus* With, 1902** ..... **?Palaeogene – Recent**

1. *?Opilioacarus aenigmus* Dunlop, Sempf & Wunderlich, 2010 ..... Pa Baltic amber

***Paracarus* Chamberlin & Mulaik, 1942** ..... **Palaeogene – Recent**

2. *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**

3. *Carios jerseyi* Klompen & Grimaldi, 2001 ..... K New Jersey amber

***Ornithodoros* C. L. Koch, 1844** ..... **Neogene – Recent**

4. *Ornithodoros antiquus* Poinar, 1995 ..... Ne Dominican amber

IXODIDAE Banks, 1907 ..... **Cretaceous – Recent**

***Amblyomma* C. L. Koch, 1844** ..... **Neogene – Recent**

5. *Amblyomma* near *argentinae* Neumann, 1905 **[Recent]** (as *testudinis*) *in* Lane & Poinar (1986) ..... Ne–R Dominican amber
6. *Amblyomma* near *dissimile* C. L. Koch, 1844 **[Recent]** *in* Kierens *et al*. (1986) ..... Ne–R Dominican amber

† ***Compluriscutata* Poinar & Buckley, 2008** ..... **Cretaceous**

7. *Compluriscutata vetulum* Poinar & Buckley, 2008* ..... K Myanmar amber

† ***Cornupalpatum* Poinar & Brown, 2003** ..... **Cretaceous**

8. *Cornupalpatum burmanicum* Poinar & Brown, 2003* ..... K Myanmar amber

***Dermacentor* C. L. Koch, 1844** ..... **Neogene – Recent**

9. *Dermacentor* nr. *reticulatus* (Fabricius, 1794) **[Recent]** (*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**

10. *Ixodes sigelos* Keirans, Clifford & Corwin, 1976 **[Recent]** ..... Qt Argentina
11. *Ixodes succineus* Weidner, 1964 ..... Pa Baltic amber
12. *Ixodes tertiarius* Scudder, 1885 ..... Pa Wyoming

NB: Guglielmone *et al*. (2009) suggested this may be a *nomen nudum*, although they probably meant a *nomen dubium* as there is a description and figure.

NUTALLIELLIDAE Schulze, 1935 ..... **Recent**

no fossil record

MESOSTIGMATA author, date? (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 author, date? **(infraorder)** ..... **Recent**

CERCOMEGISTINA Camin & Gorirossi, 1955 (cohort) ..... **Recent**

CERCOMEGISTOIDEA Trägårdh, 1937 ..... **Recent**

ASTERNOSEIIDAE Valle, 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

FEDRIZZIOIDEA Trägårdh, 1937 ..... **Recent**

FEDRIZZIIDAE Trägårdh, 1937 ..... **Recent**

no fossil record

KLINCKOWSTROEMIIDAE author, date? ..... **Recent**

no fossil record

PARAMEGISTIDAE Trägårdh, 1946 ..... **Recent**

no fossil record

PROMEGISTIDAE Kethley, 1979 ..... **Recent**

no fossil record

MEGISTHANOIDEA Berlese, 1914 ..... **Recent**

HOPLOMEGISTIDAE author, date? ..... **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

AENICTEGUOIDEA Kethley, 1979 ..... **Recent**

AENICTEGUIDAE Kethley, 1979 ..... **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 author, date? **(infrorder)** ..... **Palaeogene – Recent**

MICROGYNIINA Trägårdh, 1942 (cohort) ..... **Recent**

MICROGYNIOIDEA Trägårdh, 1942 ..... **Recent**

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

UROPODINA Kramer, 1881 (cohort) ..... **Quaternary – Recent**

UROPODIAE author, date? **(subcohort)** ..... **Quaternary – 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 ..... **Quaternary – Recent**

CIRCOCYLLIBAMIDAE Sellnick, 1926 ..... **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

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

TREMATURIDAE Berlese, 1917 ..... **Recent**

= TREMATURELLIDAE Trägårdh, 1944

no fossil record

TRIGONUROPODIDAE Hirschmann *in* Wisniewski, 1979 ..... **Recent**

no fossil record

UROACTINIDAE Hirschmann & Zirngiebl-Nicol, 1964 ..... **Recent**

no fossil record

URODINYCHIDAE Berlese, 1917 ..... **Recent**

no fossil record

UROPODIDAE Kramer, 1881 ..... **Quaternary – Recent**

***Oodinychus* Berlese, 1918** ..... **Quaternary – Recent**

?*Oodinychus* sp. *in* Ramsay (1960) ..... Qt New Zealand

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 author, date? (cohort) ..... **Palaeogene – Recent**

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 author, date? (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**

***Aclerogamasus* Athias, 1971** ..... **Palaeogene – Recent**

15. *Aclerogamasus stenocornis* Witaliński, 2000 ..... Pa Baltic amber

DERMANYSSIAE author, date? **(subcohort)** ..... **Neogene – Recent**

VEIGAIOIDEA Oudemans, 1939 ..... **Recent**

VEIGAIIDAE Oudemans, 1939 ..... **Recent**

= GAMASOLAELAPTIDAE Oudemans, 1939

no fossil record

RHODACAROIDEA Oudemans, 1902 ..... **Neogene – Recent**

DIGAMASELLIDAE Evans, 1954 ...[not 57?]..... **Neogene – Recent**

***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

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 ..... **Quarternary – Recent**

AMEROSEIIDAE Evans *in* Hughs, 1961 ..... **Recent**

no fossil record

ASCIDAE Oudemans, 1905 ...[or Voigts & Oudemans ?]..... **Recent**

no fossil record

HALOLAELAPIDAE Karg, 1965 ..... **Recent**

no fossil record

PODOCINIDAE Berlese, 1913 ..... **Quarternary – Recent**

Podocinidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

PHYTOSEIOIDEA Berlese, 1916 ..... **Recent**

OTOPHEIDOMENIDAE Treat, 1955 ..... **Recent**

no fossil record

PHYTOSEIIDAE Berlese, 1916 ..... **Recent**

no fossil record

DERMANYSSOIDEA Kolenati, 1859 ..... **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

HISTRICHONYSSIDAE Keegan, Yunker & Baker, 1960 ..... **Recent**

no fossil record

IXODORHYNCHIDAE Ewing, 1923 ..... **Recent**

no fossil record

LAELAPIDAE Berlese, 1892 ..... **Recent**

no fossil record

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

c. 12,500 Recent species

ACARIFORMES

294 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 author, date? (suborder) ..... **Devonian – Recent**

SPHAEROLICHIDA author, date? (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**

LABIDOSTOMATIDES Lindquist, Krantz & Walter, 2009 (s.cohort) ..... **Palaeogene – Recent**

LABIDOSTOMMATOIDEA Oudemans, 1906 ..... **Palaeogene – Recent**

LABIDOSTOMMATIDAE Oudemans, 1906 ..... **Palaeogene – Recent**

= NICOLETIELLIDAE Canestrini, 1891

***Labidostomma* Kramer, 1879** ..... **Palaeogene – Recent**

1. *Labidostomma paleoluteum* Dunlop & Bertrand, 2011 ..... Pa Baltic amber

EUPODIDES author, date? (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**

2. *Bdella bicincta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
3. *Bdella bombycina* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

4. *Bdella obconica* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
5. *Bdella vetusta* Ewing, 1937 ..... K Manitobian amber

***Bdellodes* Oudemans, 1937** ..... **Palaeogene – Recent**

6. *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**

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**

7. *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**

8. *Zachardia flexipes* Judson & Wunderlich, 2003 ..... Pa Baltic amber

STRANDTMANNIIDAE Zacharda, 1979 ..... **Recent**

no fossil record

TYDEOIDEA Kramer, 1877 ..... **Devonian – Recent**

ERYNETIDAE Oudemans, 1931 ..... **Recent**

= MICROEREUNETIDAE Bottazzi, 1950

no fossil record

IOLINIDAE Pritchard, 1956 ..... **Recent**

no fossil record

TRIOPHYTYDEIDAE author, date? ..... **Recent**

= MEYERELLIDAE André, 1979

no fossil record

TYDEIDAE Kramer, 1877 ..... **Devonian – Recent**

† ***Palaeotydeus* Dubinin, 1962** ..... **Devonian – Recent**

9. *Palaeotydeus devonicus* Dubinin, 1962 ..... D Rhynie chert

† ***Parapotacarus* Dubinin, 1962** ..... **Devonian – Recent**

10. *Paraprotacarus hirsti* Dubinin, 1962 ..... D Rhynie chert

ERIOPHYOIDEA Nalepa, 1898 ..... **?Palaeogene – Recent**

= TETRAPODILI author, date?

DIPTILOMIOPIDAE Keifer, 1944 ..... **Recent**

no fossil record

ERIOPHYIDAE Nalepa, 1898 ..... **?Palaeogene – Recent**

***Aculops* Keifer, 1966** ..... **? Palaeogene – Recent**

11. *Aculops keiferi* Southcott & Lange, 1971 ..... ?Pa Australia

***Eriophyes* von Siebold, 1850** ..... **Neogene – Recent**

12. *Eriophyes daphnogene* Ambrus & Hably, 1979 [fossil gall] ..... Pa Hungary

13. *Eryophies* [*sic*] *vilarrubiae* Villalta, 1957 [fossil gall] ..... Ne Spain

PHYTOPTIDAE Murray, 1877 ..... **Neogene – Recent**

= NALEPELLIDAE Roivainen, 1953

***Phytopus* Dujardin, 1851** ..... **Neogene – Recent**

14. *Phytopus antiquus* van Heyden, 1860 [fossil gall] ..... Ne Rott, Germany

ANYSTIDES author, date? (supercohort) ..... **Cretaceous – Recent**

ANYSTINA author, date? (cohort) ..... **Cretaceous – Recent**

CAECULOIDEA Berlese, 1883 ..... **Paleogene – Recent**

CAECULIDAE Berlese, 1883 ..... **Paleogene – Recent**

Procaeculus **Jacot, 1936** ..... **Paleogene – Recent**

15. *Procaeculus dominicensis* Coineau & Poinar, 2001 ..... Ne Dominican amber
16. *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**

17. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
18. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
19. *Anystis venustula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Mesoanystis*** **Zacharda, 1985** ..... **Cretaceous**

20. *Mesoanystis taymirensis* Zacharda, 1985* ..... K Siberian amber

† ***Palaeoerythracarus*** **Zacharda, 1985** ..... **Palaeogene**

21. *Palaeoerythracarus sachalinensis* Zacharda, 1985* ..... Pa Sachalin amber

PSEUDOCHEYLIDAE Oudemans, 1909 ..... **Recent**

= STIGMOCHEYLIDAE Kethley, 1990

no fossil record

TENERIFFIIDAE Thor, 1911*b* ..... **Recent**

no fossil record

PARATYDEOIDEA Baker, 1949 ..... **Recent**

PARATYDEIDAE Baker, 1949 ..... **Recent**

no fossil record

STIGMOCHEYLIDAE author, date? ..... **Recent**

no fossil record

POMERANTZIOIDEA Baker, 1949 ..... **Recent**

POMERANTZIIDAE Baker, 1949 ..... **Recent**

no fossil record

PARASITENGONINA 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

† ***Pararainbowia*** **Dunlop, 2007** ..... **Cretaceous**

22. *Pararainbowia martilli* Dunlop, 2007* ..... K Crato Formation

ERYTHRAEIDAE Robineau-Desvoidy, 1828 ..... **Paleogene – Recent**

= LEPTIDAE Billberg, 1820

= BALUSTIIDAE Grandjean, 1947

Erythraeidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

† ***Arytaena*** **Menge, 1854 *in* C. L. Koch & Berendt, 1854** ..... **Paleogene**

23. *Arytaena troguloides* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Balaustium **von Heyden, 1826** ..... **Paleogene – Recent**

24. *Balaustium illustris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Erythraeus **Latrielle, 1806** ..... **Paleogene – Recent**

25. *Erythraeus bifrons* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

26. *Erythraeus foveolatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

27. *Erythraeus hirsutus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

28. *Erythraeus lagopus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

29. *Erythraeus longipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

30. *Erythraeus proavus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

31. *Erythraeus procerus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

32. *Erythraeus raripilus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

33. *Erythraeus rostratus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

34. *Erythraeus saccatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Leptus **Latrielle, 1796** ..... **Paleogene – Recent**

35. *Leptus incertus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† **PROTERYTHRAEIDAE Vercammen-Grandjean, 1973** ..... **Cretaceous**

† ***Proterythraeus*** **Vercammen-Grandjean, 1973** ..... **Cretaceous**

36. *Proterythraeus southcotti* Vercammen-Grandjean, 1973* ..... K Manitoba amber

SMARIDIDAE Vitzthum, 1929 ..... **Paleogene – Recent**

Smaridídae *in* Kulicka (1990) ..... Pa Baltic amber

TROMBIDIAE author, date? **(subcohort)** ..... **Creteaceous – Recent**

trombidiid mites?

37. *Megameropsis aquensis* Gourret, 1887 ..... Pa Aix-en-Provence

38. *Pseudopachygnathus maculatus* Gourret, 1887 ..... Pa Aix-en-Provence

TANAUPODOIDEA Thor, 1935 ..... **Creteaceous – Recent**

TANAUPODIDAE Thor, 1935 ..... **Creteaceous – Recent**

= ?AMPHOTROMBIIDAE Zhang, 1998

= TANAUPODASTRIDAE Feider, 1959

† ***Atanaupodus* Judson & Mąkol, 2009** ..... **Cretaceous**

39. *Atanaupodus bakeri* Judson & Mąkol, 2009 ..... K Archingeay amber

CHYZERIOIDEA Womersley, 1954 ..... **Recent**

CHYZERIIDAE Womersley, 1954 ..... **Recent**

no fossil record

TROMBIDIOIDEA Leach, 1815 ..... **Paleogene – Recent**

EUTROMBIDIIDAE Thor, 1935 ..... **Recent**

no fossil record

MICROTROMBIDIIDAE Thor, 1935 ..... **Recent**

no fossil record

NEOTROMBIDIIDAE Feider, 1955 ..... **Recent**

no fossil record

TROMBIDIIDAE Leach, 1815 ..... **Paleogene – Recent**

= PARATHROMBIIDAE Feider, 1959

***Allothrombium* Berlese, 1903** ..... **Paleogene – Recent**

40. *Allothrombium clavipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Trombidium* Fabricius, 1775** ..... **Paleogene – Recent**

41. *Trombidium crassipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
42. *Trombidium granulatum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
43. *Trombidium heterotrichum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
44. *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

YUREBILLIDAE Southcott, 1996 ..... **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

LEEUWENHOEKIIDAE Womersley, 1944 ..... **Recent**

no fossil record

TROMBELLIDAE Leach, 1815 ..... **Recent**

no fossil record

TROMBICULIDAE Ewing, 1929 ..... **Recent**

= VATACARIDAE Southcott, 1957

no fossil record

HYDRACARNIDIAE van der Hoeven, 1849 (subcohort) ..... **Neogene – Recent**

= HYDRACHNIDIA author, date?

= HYDRACHNELLAE author, date?

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

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**

***Limnochares* Latreille, 1796** ..... **Recent**

45. *Limnochares antiquus* Heyden, 1862 [apparently not a water mite] ..... Pa Rott, Germany

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

= LETHAXONIDAE Cook, Smith & Harvey, 2000

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

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**

46. *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**

= NUDOMIDEOPSIDAE Smith, 1990

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

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 author, date? **(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, 1957 ..... **Paleogene – Recent**

***Neophyllobius* Berlese, 1886** ..... **Paleogene – Recent**

47. *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**

48. *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**

49. *Metatetranychus gibbus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Schizotetranychus* Trägårdh, 1915** ..... **Palaeogene – Recent**

50. *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**

***Cheyletus* Latreille, 1796** ..... **Cretaceous – Recent**

51. *Cheyletus burmiticus* Cockerell, 1917*b* ..... K Myanmar amber

52. *Cheyletus portentosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

CLOACARIDAE Camin, Moss, Oliver & Singer, 1967 ..... **Recent**

no fossil record

DEMODECIDAE Nicolet, 1855 ..... **Recent**

no fossil record

EPIMYODICIDAE author, date? ..... **Recent**

no fossil record

HARPYRHYNCHIDAE 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

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**

53. *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**

54. *Pyemotes primus* Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

RESINACARIDAE Mahunka, 1975 ..... **Cretaceous –Rcent**

Protoresinacaris **Khaustov & Poinar, 2010** ..... **Cretaceous**

55. *Protoresinacars brevipedis* Khaustov & Poinar, 2010* ..... K Myanmar 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

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**

56. *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**

57. *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**

58. *Archaeacarus dubinini* Kethley & Norton *in* Kethley *et al.*, 1989* ..... D Gilboa

† ***Pseudoprotacarus*** **Dubinin, 1962** ..... **Devonian**

59. *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**

60. *Marcvipeda magallanes* Pérez-DA, 1988* [Acari *incerate 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**

61. *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**

62. *Ctenacaronychus nortoni* Subías & Arillo, 2002* ..... D New York

† ***Palaeoctenacarus* Subías & Arillo, 2002** ..... **Carboniferous**

63. *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 – Recent**

† ***Devonacarus* Norton *in* Norton *et al*., 1988** ..... **Devonian – Recent**

64. *Devonacarus sellnicki* Norton *in* Norton *et al*., 1988* ..... D Gilboa

† **PROTOCHTHONIIDAE Norton *in* Norton *et al.*, 1988** ..... **Devonian – Recent**

† ***Protochthonius* Norton *in* Norton *et al.*, 1988** ..... **Devonian – Recent**

65. *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**

66. *Hypochthonius rufulus* C. L. Koch, 1835 **[Recent]** ..... Qt Finland

† ***Palaeohypochthonius* Subías & Arillo, 2002** ..... **Carboniferous**

67. *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**

68. *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 Niedbala, 1984

† ***Archaeoplophora*** **Subías & Arillo, 2002** ..... **Carboniferous**

69. *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 author, date? ..... **Recent**

no fossil record

PARHYPOSOMATA author, date? (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**

70. *Gehypchthonimimus hibernicus* Subías & Arillo, 2002* ..... C County Antrim

PARHYPOCHTHONIIDAE Grandjean, 1932*b* ..... **Recent**

no fossil record

MIXONOMATA author, date? (supercohort) ..... **Paleogene – Recent**

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**

71. *Collohmannia schusteri* Norton, 2006 ..... Pa Baltic amber

† ***Embolacarus* Sellnick, 1919** ..... **Palaeogene – Recent**

72. *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**

73. *Microtritia minima* (Berlese, 1904) **[Recent]** ..... Qt Germany

***Rhysotritia* Märkel & Meyer, 1959** ..... **Quaternary – Recent**

74. *Rhysotritia ardua* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany

75. *Rhysotritia duplicata* (Grandjean, 1953) **[Recent]** ..... Qt Germany

ORIBOTRITIIDAE Grandjean, 1954b ..... **Palaeogene – Recent**

= SABAHTRITIIDAE Mahunka, 1987

***Oribotritia* Jacot, 1924** ..... **Palaeogene – Recent**

76. *Oribotritia pyropus* (Sellnick, 1919) ..... Pa Baltic amber

77. *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 Niedbala, 1986

Hoplophthiacarus **Jacot, 1933** ..... **Quaternary – Recent**

78. *Hoplophthiacarus pavidus* (Berlese, 1913) **[Recent]** ..... Qt Karelia, Russia

Phthiacarus **Perty, 1841** ..... **Palaeogene – Recent**

79. *Phthiacarus borealis* Trägardh, date? **[Recent]** ..... Qt Karelia, Russia

80. *Phthiacarus multipunctus* (Sellnick, 1919) ..... Pa Baltic amber

Steganacarus **Ewing, 1917** ..... **Quaternary – Recent**

81. *Steganacarus applicatus* (Sellnick, 1920) **[Recent]** ..... Qt Denmark

82. *Steganacarus carinatus* (C. L. Koch, 1841) **[Recent]** ..... Qt Finland

83. *Steganacarus striculus* (C. L. Koch, 1835) **[Recent]** ..... Qt Europe

Steganacarus sp. ..... Qt Finland

DESMONOMATA author, date? **(supercohort)** ..... **Jurassic – Recent**

NOTHRINA author, date? **(cohort)** ..... **Jurassic – Recent**

= HOLOSOMATA author, date?

CROTONIOIDEA Thorell, 1876 ..... **Jurassic – Recent**

CAMISIIDAE Oudemans, 1900 ..... **Cretaceous – Recent**

Camisia **von Heyden, 1826** ..... **Paleogene – Recent**

84. *Camisia foveolata* Hammer, 1955 **[Recent]** ..... Qt western Norway

85. *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

86. *Camisia invenusta* (Michael, 1888) **[Recent]** ..... Qt western Norway

87. *Camisia lapponica* Trägårdh, 1910 **[Recent]** ..... Qt Karelia, Russia

† ***Eocamisia*** **Bulanova-Zachvatkina, 1974** ..... **Cretaceous**

88. *Eocamisia sukatshevae* Bulanova-Zachvatkina, 1974* ..... K Siberian amber

Platynothrus **Berlese, 1913** ..... **Quaternary – Recent**

89. *Platynothrus peltifer* (C. L. Koch, 1839) **[Recent]** ..... Qt Greenland

90. *Platynothrus punctatus* (L. Koch, 1879) **[Recent]** ..... Qt northern Europe

CROTONIIDAE Thorell, 1876 ..... **Neogene – Recent**

= HOLONOTHRIDAE Wallwork, 1963

Crotonia **Thorell, 1876** ..... **Neogene – Recent**

91. *Crotonia ramus* (Womersley, 1957) ..... Ne Australian retinite

HERMANNIIDAE Sellnick, 1928 ..... **Palaeogene – Recent**

= GALAPAGACARIDAE P. Balogh, 1985

Hermannia **Nicolet, 1855** ..... **Palaeogene – Recent**

92. *Hermannia gibba* (C. L. Koch, 1839) **[Recent]** ..... Qt Finland

93. *Hermannia reticulata* Thorell, 1871 **[Recent]** ..... Qt Subarctic – Arctic

94. *Hermannia scabra* (L. Koch, 1879) **[Recent]** ..... Qt Greenland

95. *Hermannia sellnicki* Norton, 2006 ..... Pa Baltic amber

MALACONOTHRIDAE Berlese, 1916 ..... **Quaternary – Recent**

***Malaconothrus* Berlese, 1904** ..... **Quaternary – Recent**

96. *Malaconothrus monodactylus* (Michael, 1888) **[Recent]** ..... Qt Europe

***Trimalaconothrus* Berlese, 1916** ..... **Quaternary – Recent**

97. *Trimalaconothrus maior* (Berlese, 1910) **[Recent]** ..... Qt northern Europe

NANHERMANNIIDAE Sellnick, 1928 ..... **Quaternary – Recent**

***Nanhermannia* Berlese, 1913** ..... **Quaternary – Recent**

98. *Nanhermannia coronata* Berlese, 1913 **[Recent]** ..... Qt Karelia, Russia

99. *Nanhermannia elegantula* Berlese, 1913 **[Recent]** ..... Qt Germany

NOTHRIDAE Berlese, 1896 ..... **Paleogene – Recent**

***Nothrus* C. L. Koch, 1836** ..... **Paleogene – Recent**

100. *Nothrus illautus* Sellnick, 1919 ..... Pa Baltic amber

101. *Nothrus punctulum* Karsch, 1884 ..... Pa Baltic amber

102. *Nothrus silvestris* Nicolet, 1855 **[Recent]** ..... Qt Europe

TRHYPOCHTHONIIDAE Willmann, 1931 ..... **Jurassic – Recent**

= ALLONOTHRIDAE Lee, 1985

= MUCRONOTHRIDAE Kunst, 1972

= PARALLONOTHRIDAE 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**

103. *Juracarus serratus* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

***Mucronothrus* Trägårdh, 1931** ..... **Quaternary – Recent**

104. *Mucronothrus nasalis* (Willmann, 1929) **[Recent]** ..... Qt Karelia, Russia

† ***Palaeochthonius* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic – Recent**

105. *Palaeochthonius krasilovi* Krivolutsky *in* Kriv. & Krasilov, 1977 ..... J Russian far east

***Trhypochthonius* Berlese, 1904** ..... **Palaeogene – Recent**

106. *Trhypochthonius badiformis* Sellnick, 1931 ..... Pa Baltic amber

107. *Trhypochthonius cladonicola* (Willmann, 1919) **[Recent]** ..... Qt Germany

108. *Trhypochthonius corniculatus* Sellnick, 1931 ..... Pa Baltic amber

109. *Trhypochthonius tectorum* (Berlese, 1896) **[Recent]** ..... Qt Karelia, Russia

BRACHYPYLINA author, date? (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**

110. *Hermanniella concamerata* Sellnick, 1931 ..... Pa Baltic amber

111. *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]

112. *Neoliodes brevitarsus* (Woolley, 1971) ..... Ne Chiapas amber

113. *Neoliodes dominicus* Heethoff, Helfen & Norton, 2009 ..... Ne Dominican amber

114. *Neoliodes quadriscutatus* Sellnick, 1919 ..... Pa Baltic amber

Neoliodes sp. *in* Norton & Poinar (1993) [as *Liodes*] ..... Ne Dominican amber

***Platyliodes* Berlese, 1917** ..... **Palaeogene – Recent**

115. *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**

116. *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, 1987

no fossil record

PLATEREMAEIDAE Trägårdh, 1926 ..... **Cretaceous – Recent**

***Rasnitsynella* Krivoluckij, 1976** ..... **Cretaceous**

117. *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**

118. *Belba compta* (Kulczynski, 1902) **[Recent]** ..... Qt western Norway

119. *Belba cornyops* (Hermann, 1804)* **[Recent]** ..... Qt Finland

† ***Belbites* Pampaloni, 1902** ..... **Neogene**

120. *Belbites disodilis* Pampaloni, 1902* ..... Ne? Sicily

***Damaeobelba* Sellnick, 1928** ..... **Quaternary – Recent**

121. *Damaeobelba minutissima* (Sellnick, 1920) **[Recent]** ..... Qt Germany

***Damaeus* C. L. Koch, 1835** ..... **Paleogene – Recent**

122. *Damaeus auritus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

123. *Damaeus genadensis* Sellnick, 1931 ..... Pa Baltic amber

***Spatiodamaeus* Bulanova-Zachvatkina, 1967** ..... **Quaternary – Recent**

124. *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**

125. *Cepheus cepheiformis* (Nicolet, 1855) **[Recent]** ..... Qt Finland

126. *Cepheus dentatus* (Michael, 1888) **[Recent]** ..... Qt Finland

127. *Cepheus implicatus* (Sellnick, 1919) ..... Pa Baltic amber

128. *Cepheus latus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

***Eupterotegaeus* Berlese, 1916** ..... **Cretaceous – Recent**

129. *Eupterotegaeus bitranslamellatus* Arillo & Subías, 2002 ..... K Álava amber

***Ommatocepheus* Berlese, 1913** ..... **Cretaceous – Recent**

130. *Ommatocepheus nortoni* Arillo, Subías & Shtanchaeva, 2008 ..... K Álava amber

EUTEGAEIDAE Balogh, 1965 ..... **Recent**

= PTEROZETIDAE Luxton, 1988

no fossil record

MICROTEGEIDAE Balogh, 1972 ..... **Recent**

no fossil record

NODOCEPHEIDAE Piffl, 1972 ..... **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* ..... **Recent**

MICROZETIDAE Grandjean, 1936*a* ..... **Recent**

no fossil record

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**

131. *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**

132. *Plategeocranus sulcatus* (Karsch, 1884)* ..... Pa Baltic amber

† ***Strieremaeus* Sellnick, 1919** ..... **Cretaceous – Recent**

= † *Archaeorchestes* Arillo & Subías, 2000

133. *Strieremaeus illibatus* Sellnick, 1919 ..... Pa Baltic amber

134. *Strieremaeus minguezae* (Arillo & Subías, 2000) ..... K Álava amber

EREMAEIDAE Oudemans, 1900 ..... **Paleogene – Recent**

***Eremaeus* C. L. Koch, 1836** ..... **Paleogene – Recent**

135. *Eremaeus hepaticus* C. L. Koch, 1835* **[Recent]** ..... Qt Germany

136. *Eremaeus oblongus* **[Recent]** *fossilis* Sellnick, 1919 ..... Pa Baltic amber

***Eueremaeus* Mihelcic, 1963** ..... **Quaternary – Recent**

137. *Eueremaeus silvestris* (Forsslund, 1956) **[Recent]** ..... Qt Finland

† ***Gradidorsum* Sellnick, 1919** ..... **Palaeogene – Recent**

138. *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**

139. *Astegistes pilosus* (C. L. Koch, 1840) **[Recent]** ..... Qt Karelia, Russia

***Cultroribula* Berlese, 1908** ..... **Jurassic – Recent**

140. *Cultroribula jurassica* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

141. *Cultroribula lauta* Sellnick, 1931 ..... Pa Baltic amber

142. *Cultroribula superba* Sellnick, 1931 ..... Pa Baltic amber

GUSTAVIIDAE Oudemans, 1900 ..... **Quaternary – Recent**

***Gustavia* Kramer, 1879** ..... **Quaternary – Recent**

143. *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**

144. *Adoristes ovatus* (C. L. Koch, 1839)* **[Recent]** ..... Qt northern Europe

***Liacarus* Michael, 1898** ..... **Quaternary – Recent**

145. *Liacarus coracinus* (C. L. Koch, 1841) **[Recent]** ..... Qt Finland

***Xenillus* Robineau-Desvoidy, 1839** ..... **Paleogene – Recent**

146. *Xenillus tegeocraniformis* (Sellnick, 1919) ..... Pa Baltic amber

MULTORIBULIDAE Balogh, 1972 ..... **Recent**

no fossil record

PELOPPIIDAE Balogh, 1943 ..... **Paleogene – Recent**

***Ceratoppia* Berlese, 1908** ..... **Paleogene – Recent**

147. *Ceratoppia bipilis fossilis* Sellnick, 1919 ..... Pa Baltic amber

i. = *Oribates politus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

148. *Ceratoppia quadridentata* (Haller, 1882) **[Recent]** ..... Qt Finland

TENUIALIDAE Jacot, 1929 ..... **Quaternary – Recent**

***Hafenrefferia* Oudemans, 1906** ..... **Quaternary – Recent**

149. *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**

150. *Carabodes areolatus* Berlese, 1916 **[Recent]** ..... Qt Karelia, Russia

151. *Carabodes coriaceus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

152. *Carabodes coriaceus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

153. *Carabodes dissonus* Sellnick, 1931 ..... Pa Baltic amber

154. *Carabodes gerberi* Sellnick, 1931 ..... Pa Baltic amber

155. *Carabodes laybrinthicus* (Michael, 1879) **[Recent]** ..... Qt Europe

156. *Carabodes labyrinthicus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

157. *Carabodes marginatus* (Michael, 1884) **[Recent]** ..... Qt Finland

158. *Carabodes minusculus* Berlese, 1923 **[Recent]** ..... Qt Germany

159. *Carabodes ornatus* Storkan, 1925 **[Recent]** ..... Qt Finland

160. *Carabodes subarcticus* Trägardh, 1902 **[Recent]** ..... Qt Finland

161. *Carabodes willmanni* Bernini, 1975 **[Recent]** ..... Qt western Norway

?*Carabodes* sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

† ***Carabodites* Pampaloni, 1902** ..... **Neogene?**

162. *Carabodites pavesii* Pampaloni, 1902* ..... Ne? Sicily

***Odontocepheus* Berlese, 1913** ..... **Quaternary – Recent**

163. *Odontocepheus elongatus* (Michael, 1879)* **[Recent]** ..... Qt Finland

DAMPFIELLIDAE Balogh, 1961 ..... **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**

164. *Otocepheus niger* Sellnick, 1931 ..... Pa Baltic amber

165. *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**

166. *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** ..... **Quaternary – Recent**

167. *Dissorhina ornata* (Oudemans, 1900)* **[Recent]** ..... Qt Germany

***Oppia* C. L. Koch, 1836** ..... **Palaeogene – Recent**

168. *Oppia angustum* (Sellnick, 1931) ..... Pa Baltic amber
169. *Oppia cervicornu* (Sellnick, 1919) ..... Pa Baltic amber
170. *Oppites hurdi* Woolley, 1971 ..... Ne Chiapas amber
171. *Oppia longilamellata* **[Recent]** *fossilis* (Sellnick, 1931) ..... Pa Baltic amber
172. *Oppia medium* (Sellnick, 1931) ..... Pa Baltic amber
173. *Oppia mexicana* (Woolley, 1971) ..... Ne Chiapas amber
174. *Oppia setigera* (Woolley, 1971) ..... Ne Chiapas amber
175. *Oppia sucinum* (Sellnick, 1931) ..... Pa Baltic amber

?*Oppia* sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Oppiella* Jacot, 1937** ..... **Quaternary – Recent**

176. *Oppiella nova* (Oudemans, 1902)* **[Recent]** ..... Qt northern Europe
177. *Oppiella ornata* (Oudemans, 1900) **[Recent]** ..... Qt western Norway
178. *Oppiella splendens* (C. L. Koch, 1841) **[Recent]** ..... Qt western Norway
179. *Oppiella subpectinata* (Oudemans, 1900) **[Recent]** ..... Qt northern Europe
180. *Oppiella translamellata* (Willmann, 1923) **[Recent]** ..... Qt northern Europe

† ***Oppites* Pampaloni, 1902** ..... **Neogene**

181. *Oppites melilli* Pampaloni, 1902* ..... Ne? Sicily

***Ramusella* Hammer, 1962** ..... **Quaternary – Recent**

182. *Ramusella clavipectinata* (Michael, 1885) **[Recent]** ..... Qt Germany

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**

183. *Suctobelbella falcata* (Forsslund, 1941) **[Recent]** ..... Qt Germany
184. *Suctobelbella latirostris* (Strenzke, 1950) **[Recent]** ..... Qt Germany
185. *Suctobelbella longirostris* (Forsslund, 1941) **[Recent]** ..... Qt western Norway
186. *Suctobelbella sarekensis* (Forsslund, 1941) **[Recent]** ..... Qt Europe
187. *Suctobelbella similis* (Forsslund, 1941) **[Recent]** ..... Qt Germany
188. *Suctobelbella subcornigera* (Forsslund, 1941) **[Recent]** ..... Qt Germany
189. *Suctobelbella subtrigona* (Oudemans, 1916) **[Recent]** ..... Qt Europe
190. *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**

191. *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**

192. *Tectocepheus minor* Berlese, 1903 **[Recent]** ..... Qt western Norway

193. *Tectocepheus similis* Sellnick, 1931 ..... Pa Baltic amber
194. *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**
195. *Hydrozetes confervae* (Schrank, 1791) **[Recent]** ..... Qt western Norway
196. *Hydrozetes lacustris* (Michael, 1882)* **[Recent]** ..... Qt northern Europe
197. *Hydrozetes oryktosis* Woolley, 1969 ..... Qt Michigan
Hydrozetes sp. *in* Sivhead & Wallwork (1978) ..... J Sweden

LIMNOZETIDAE Thor, 1937 ..... **Quaternary – Recent**
***Limnozetes* Hull, 1916** ..... **Quaternary – Recent**
198. *Limnozetes ciliatus* (Schrank, 1803)* **[Recent]** ..... Qt northern Europe
199. *Limnozetes rugosus* (Sellnick, 1923) **[Recent]** ..... Qt northern Europe

AMERONOTHROIDEA Willmann, 1931 ..... **Quaternary – Recent**
AMERONOTHRIDAE Willmann, 1931 ..... **Quaternary – Recent**
***Ameronothrus* Berlese, 1896** ..... **Quaternary – Recent**
200. *Ameronothrus lineatus* (Thorell, 1871)* **[Recent]** ..... Qt Europe / Greenland
201. *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**
202. *Ametroproctus valeriae* Arillo, Subías & Shtanchaeva, 2009 ..... K San Just amber
***Cymbaeremaeus* Berlese, 1896** ..... **Paleogene – Recent**
203. *Cymbaeremaeus cymba* (Nicolet, 1855)* **[Recent]** ..... Qt northern Europe
† ***Jureremus* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic**
204. *Jureremeus foveolatus* Krivolutsky *in* Krivolutsky & Krasilov, 1977* ..... J Russian far east
205. *Jureremeus phippsi* Selden, Baker & Phipps, 2008 ..... J Yorkshire, UK

Scapheremaeus **Berlese, 1910** ..... **Paleogene – Recent**

206. *Scapheremaeus undosus* Sellnick, 1919 ..... Pa Baltic amber

† ***Tectocymba*** **Sellnick, 1919** ..... **Paleogene – Recent**

207. *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 author, date? ..... **Recent**

no fossil record

EREMELLIDAE Balogh, 1961 ..... **Recent**

no fossil record

LAMELLAREIDAE author, date? ..... **Recent**

no fossil record

LICNEREMAEIDAE Grandjean, 1931 ..... **Palaeogene – Recent**

Licneremaeus **Paoli, 1908** ..... **Palaeogene – Recent**

208. *Licneremaeus fritschi* Sellnick, 1931 ..... Pa Baltic amber

209. *Licneremaeus licnophorus* (Michael, 1882) **[Recent]** ..... Qt Germany

MICREREMIDAE Grandjean, 1954*b* ..... **Jurassic – Recent**

Micreremus **Grandjean, 1954*b*** .....[not Berlese 1908?]..... **Paleogene – Recent**

210. *Micreremus brevipes* (Michael, 1888)* **[Recent]** ..... Qt northern Europe

211. *Micreremus reticulatus* Sellnick, 1931 ..... Pa Baltic amber

212. *Micreremus scrobiculatus* Sellnick, 1931 ..... Pa Baltic amber

PASSALOZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

Passalozetes* Grandjean, 1932*a ..... **Quaternary – Recent**

213. *Passalozetes africanus* Grandjean, 1932*a* **[Recent]** ..... Qt Finland

SCUTOVERTICIDAE Grandjean, 1954*b* ..... **Neogene – Recent**

***Arthrovertex* Balogh, 1970** ..... **Neogene – Recent**

214. *Arthrovertex hurdi* (Woolley, 1971) ..... Ne Chiapas amber

Arthrovertex sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Scutovertex* Michael, 1879** ..... **Quaternary – Recent**

215. *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, 1917** ..... **Palaeogene – Recent**

216. *Eupelops acromios* (Hermann, 1804) **[Recent]** ..... Qt Finland

217. *Eupelops curtipilus* (Berlese, 1916) **[Recent]** ..... Qt Germany

218. *Eupelops occultus* (C. L. Koch, 1835) **[Recent]** ..... Qt Kerelia, Russia

219. *Eupelops plicatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe

220. *Eupelops punctulatus* (Sellnick, 1931) ..... Pa Baltic amber

221. *Eupelops uraceus* (C. L. Koch, 1839)* **[Recent]** ..... Qt Kerelia, Russia

Eupelops sp. *in* Karppinen & Koponen (1974) ..... Qt Finland

***Peloptulus* Berlese, 1908** ..... **Quaternary – Recent**

222. *Peloptulus phaenotus* (C. L. Koch, 1844)* **[Recent]** ..... Qt Germany

UNDULORIBATIDAE Kunst, 1971 ..... **Palaeogene – Recent**

***Scutoribates* Sellnick, 1918** ..... **Palaeogene – Recent**

223. *Scutoribates perornatus* Sellnick, 1918 ..... Pa Baltic amber

***Unduloribates* Balogh, 1943** ..... **?Palaeogene – Recent**

224. *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**

225. *Achipteria coleoptera* (Linnaeus, 1757) **[Recent]** ..... Qt Finland / Greenland

226. ?*Achipteria obscura* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

[An *incertae sedis* taxon?]

***Parachipteria* van der Hammen, 1952** ..... **Quaternary – Recent**

227. *Parachipteria punctata* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

228. *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, 1917** ..... **Quaternary – Recent**

229. *Tegoribates latirostris* (C. L. Koch, 1844) **[Recent]** ..... Qt Finland

ORIBATELLOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

ORIBATELLIDAE Jacot, 1925 ..... **Palaeogene – Recent**

***Oribatella* Banks, 1895** ..... **Palaeogene – Recent**

230. *Oribatella berlesei* (Michael, 1898) **[Recent]** ..... Qt Finland

231. *Oribatella calcarata* (C. L. Koch, 1835) **[Recent]** ..... Qt Kerelia, Russia

232. *Oribatella mirabilis* Sellnick, 1931 ..... Pa Baltic amber

ORIPODOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

CALOPPIIDAE author, date? ..... **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**

233. *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**

234. *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**

235. *Lucoppia simplex* Sellnick, 1919 ..... Pa Baltic amber

Oribatula **Berlese, 1895** ..... **Quaternary – Recent**

236. *Oribatula tibialis* (Nicolet, 1855)* **[Recent]** ..... Qt Europe

Phauloppia **Berlese, 1908** ..... **Palaeogene – Recent**

237. *Phauloppia lucorum* (C. L. Koch, 1841) **[Recent]** ..... Qt northern Europe

238. *Phauloppia pellucida* (Sellnick, 1931) ..... Pa Baltic amber

† ***Sachalinella*** **Rjabinin *in* Krivolutzkii & Rjabinin, 1976** ..... **Palaeogene – Recent**

May be a homonym of a bivalve genus

239. *Sachalinella zherichini* Rjabinin *in* Krivolutzkii & Rjabinin, 1976* ..... Pa Sachalin amber

Zygoribatula **Berlese, 1916** ..... **Quaternary – Recent**

240. *Zygoribatula exilis* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

ORIPODIDAE Jacot, 1925 ..... **Palaeogene – Recent**

= BIROBATIDAE J. Balogh & P. Balogh, 1984

Benoibates **Balogh, 1958** ..... **Neogene – Recent**

241. *Benoibates chiapasensis* (Woolley, 1971) ..... Ne Chiapas amber

Oripoda **Banks, 1904** ..... **Palaeogene – Recent**

242. *Oripoda baltica* Sellnick, 1931 ..... Pa Baltic amber

Oripoda sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

Parapirnodus **Balogh & Mahunka, 1968** ..... **Neogene – Recent**

243. *Parapirnodus denaius* (Woolley, 1971) ..... Ne Chiapas amber

PARAKALUMMIDAE Grandjean, 1936*b* ..... **Palaeogene – Recent**

Neoribates **Berlese, 1914** ..... **Palaeogene – Recent**

244. *Neoribates borussicus* Sellnick, 1931 ..... Pa Baltic amber

SCHELORIBATIDAE Grandjean, 1933 ..... **Palaeogene – Recent**

***Liebstadia* Oudemans, 1906** ..... **Palaeogene – Recent**

245. *Liebstadia similiformis* Sellnick, 1931 ..... Pa Baltic amber

246. *Liebstadia similis* (Michael, 1888)* **[Recent]** ..... Qt Europe / Greenland

***Scheloribates* Berlese, 1908** ..... **Palaeogene – Recent**

247. *Scheloribates apterus* Sellnick, 1931 ..... Pa Baltic amber

248. *Scheloribates areatus* Sellnick, 1931 ..... Pa Baltic amber

249. *Scheloribates durhami* (Woolley, 1971) ..... Ne Chiapas amber

250. *Scheloribates initialis* (Berlese, 1908) **[Recent]** ..... Qt Europe

251. *Scheloribates laevigatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe

252. *Scheloribates latipes* (C. L. Koch, 1844) **[Recent]** ..... Qt Europe

253. *Scheloribates pallidulus* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany

254. *Scheloribates setatus* Sellnick, 1931 ..... Pa Baltic amber

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**

255. *Ceratozetes gracilis* (Michael, 1884)* **[Recent]** ..... Qt Finland

256. *Ceratozetes minimus* Sellnick, 1928 **[Recent]** ..... Qt Germany

257. *Ceratozetes parvulus* Sellnick, 1922 **[Recent]** ..... Qt Germany

Diapterobates* Grandjean, 1936*b ..... **Quaternary – Recent**

258. *Diapterobates notatus* (Thorell, 1871) **[Recent]** ..... Qt Europe / Greenland

***Edwardzetes* Berlese, 1914** ..... **Quaternary – Recent**

259. *Edwardzetes edwardsi* (Nicolet, 1855)* **[Recent]** ..... Qt western Norway

***Fuscozetes* Sellnick, 1928** ..... **Quaternary – Recent**

260. *Fuscozetes fuscipes* (C. L. Koch, 1844)* **[Recent]** ..... Qt western Norway

***Melanozetes* Hull, 1916** ..... **Paleogene – Recent**

261. *Melanozetes foderatus* Sellnick, 1931 ..... Pa Baltic amber

262. *Melanozetes mollicomnus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

263. *Melanozetes meridianus* Sellnick, 1928 **[Recent]** ..... Qt Greenland

Melanozetes sp. *in* Karppinen *et al*. (1979) ..... Qt Karelia, Russia

***Oromucia* Thor, 1930** ..... **Quaternary – Recent**

264. *Oromucia bicuspidata* Thor, 1930* **[Recent]** ..... Qt western Norway

265. *Oromucia lucens* (C. L. Koch, date?) **[Recent]** ..... Qt Greenland

***Sphaerozetes* Berlese, 1885** ..... **Paleogene – Recent**

266. *Sphaerozetes convexulus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

267. *Sphaerozetes pirifomis* (Nicolet, 1855) **[Recent]** ..... Qt Finland

268. *Sphaerozetes primus* Sellnick, 1931 ..... Pa Baltic amber

***Trichoribates* Berlese, 1910** ..... **Quaternary – Recent**

269. *Trichoribates biarea* Gjelstrup & Solhøy, 1994 **[Recent]** ..... Qt western Norway

270. *Trichoribates incisellus* (Kramer, 1897) **[Recent]** ..... Qt Europe

271. *Trichoribates monticola* (Trägardh, 1902) **[Recent]** ..... Qt western Norway

272. *Trichoribates setiger* (Trägardh, 1910) **[Recent]** ..... Qt western Norway

273. *Trichoribates trimaculatus* (C. L. Koch, 1835)* **[Recent]** ..... Qt northern Europe

CHAMOBATIDAE Thor, 1937 ..... **Paleogene – Recent**

***Chamobates* Hull, 1916** ..... **Paleogene – Recent**

274. *Chamobates borealis* (Trägardh, 1902) **[Recent]** ..... Qt western Norway

275. *Chamobates cuspidatus* (Michael, 1884) **[Recent]** ..... Qt Finland

276. *Chamobates difficilis* Sellnick, 1931 ..... Pa Baltic amber

EUZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Euzetes* Berlese, 1908** ..... **Quaternary – Recent**

277. *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**

278. *Mycobates consimilis* Hammer, 1952 **[Recent]** ..... Qt Greenland

279. *Mycobates parmeliae* (Michael, 1884) **[Recent]** ..... Qt Karelia, Russia

280. *Mycobates sarekenis* (Trägårdh, 1910) **[Recent]** ..... Qt western Norway

***Punctoribates* Berlese, 1908** ..... **Quaternary – Recent**

281. *Punctoribates punctum* (C. L. Koch, 1839) **[Recent]** ..... Qt Karelia, Russia

282. *Punctoribates sellnicki* Willmann, 1928 **[Recent]** ..... Qt Europe

Punctoribates sp. *in* Karppinen & Koponen (1973) ..... Qt Finland

RAMSAYELLIDAE Luxton, 1985 ..... **Recent**

no fossil record

ZETOMIMIDAE Shaldybina, 1966 ..... **Quaternary – Recent**

Zetomimus **author, date?** ..... **Quaternary – Recent**

283. *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**

284. *Acrogalumna longipluma* (Berlese, 1904)* **[Recent]** ..... Qt Karelia, Russia

Galumna **von Heyden, 1826** ..... **Palaeogene – Recent**

285. *Galumna clavata* Sellnick, 1931 ..... Pa Baltic amber

286. *Galumna diversa* Sellnick, 1931 ..... Pa Baltic amber

287. *Galumna lanceata* (Oudemanns, 1900) **[Recent]** ..... Qt Karelia, Russia

288. *Galumna obvia* (Berlese, 1915) **[Recent]** ..... Qt Finland

Galumna sp. *in* Karppinen & Koponen (1974) ..... Qt Finland

Pergalumna **Grandjean, 1936*b*** ..... **Quaternary – Recent**

289. *Pergalumna dorsalis* (C. L. Koch, 1835) **[Recent]** ..... Qt Finland

290. *Pergalumna nervosa* (Berlese, 1914)* **[Recent]** ..... Qt northern Europe

Pilogalumna **Grandjean, 1956*b*** ..... **Quaternary – Recent**

291. *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*. (2011) ..... 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 author, date? ..... **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**

292. *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 author, date? ..... **Recent**

no fossil record

WINTERSCHMIDTIIDAE Oudemans, 1923 ..... **Neogene – Recent**

† ***Amphicalvolia* Türk, 1963** ..... **Neogene – Recent**

293. *Amphicalvolia hurdi* Türk, 1963* ..... Ne Chiapas amber

GLYCOPHAGOIDEA Berlese, date? ..... **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, date? ..... **Recent**

no fossil record

PEDETOPODIDAE Fain, date? ..... **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**

294. *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

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

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 author, date? ..... **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?

c. 36,900 Recent species according to Hallan (2004)

RICINULEI

15 currently valid species of fossil ricinuleid

RICINULEI Thorell, 1876*c* ..... **Carbon. – Recent**

= RHINOGASTRA Cook, 1899

= PODOGONA Cook, 1899

† **PALAEORICINULEI Selden, 1992 (suborder)** ..... **Carboniferous**

† **CURCULIOIDIDAE Cockerell, 1916** ..... **Carboniferous**

† ***Amarixys* Selden, 1992** ..... **Carboniferous**

1. *Amarixys gracilis* (Petrunkevitch, 1945*a*) ..... C Mazon Creek
2. *Amarixys stellaris* Selden, 1992 ..... C Mazon Creek
3. *Amarixys sulcata* (Melander, 1903)* ..... C Mazon Creek

† ***Curculioides* Buckland, 1837** ..... **Carboniferous**

4. *Curculioides adompha* Brauckmann, 1987 ..... C Hagen-Vorhalle
5. *Curculioides ansticii* Buckland, 1837* ..... C Coalbrookdale
6. *Curculioides eltringhami* Petrunkevitch, 1949 ..... C Crawcrook
7. *Curculioides gigas* Selden, 1992 ..... C Mazon Creek
8. *Curculioides granulatus* Petrunkevitch, 1949 ..... C Ilkeston
9. *Curculioides mcluckiei* Selden, 1992 ..... C Mazon Creek
10. *Curculioides pococki* Selden, 1992 ..... C Coseley
11. *Curculioides scaber* (Scudder, 1890*b*) ..... C Mazon Creek

† **POLIOCHERIDAE Scudder, 1884** ..... **Carboniferous**

† ***Poliochera* Scudder, 1884** ..... **Carboniferous**

12. *Poliochera gibbsi* Selden, 1992 ..... C Illinois
13. *Poliochera glabra* Petrunkevitch, 1913 ..... C Mazon Creek
14. *Poliochera punctulata* Scudder, 1884* ..... C Mazon Creek

† ***Terpsicroton* Selden, 1992** ..... **Carboniferous**

15. *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

55 Recent species according to Harvey (2003)

ARACHNIDA and/or PANTETRAPULMONATA
incertae sedis

3 currently valid, unplaced fossil arachnid and/or tetrapulmonate species

- all three species below have been suggested as possible members of the so-called pantetrapulmonate arachnids; i.e. spiders and their closest relatives

† ***Ecchosis*** **Selden & Shear, 1991** ..... **Devonian**

1. *Ecchosis pulchribothrium* Selden & Shear *in* Selden *et al*. 1991* ..... D Gilboa

† ***Saccogulus*** **Dunlop, Fayers, Hass & Kerp, 2006** ..... **Devonian**

2. *Saccogulus seldeni* Dunlop, Fayers, Hass & Kerp, 2006* ..... D Rhynie chert

† ***Xenarachne*** **Dunlop & Poschmann, 1997** ..... **Devonian**

3. *Xenarachne wilwerathensis* Dunlop & Poschmann, 1997* ..... D Willwerath

no Recent species

TRIGONOTARBIDA

65 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 levis*** **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 Nowa Ruda

    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

† ***Namurotarbus*** **Poschmann & Dunlop, 2010** ..... **Carboniferous**

41. *Namurotarbus roessleri* (Dunlop & Brauckmann, 2006)* ..... C Hagen-Vorhalle

† **LISSOMARTIDAE Dunlop, 1995** ..... **Carboniferous**

† ***Lissomartus*** **Petrunkevitch, 1949** ..... **Carboniferous**

42. *Lissomartus carbonarius* (Petrunkevitch, 1913) ..... C Mazon Creek

43. *Lissomartus schucherti* (Petrunkevitch, 1913) ..... C Mazon Creek

† **APHANTOMARTIDAE Petrunkevitch, 1945*a*** ..... **Devonian – Permian**

= † TRIGONOMARTIDAE Petrunkevitch, 1949

† ***Alkenia*** **Størmer, 1970** ..... **Devonian**

44. *Alkenia mirabilis* Størmer, 1970* ..... D Alken an der Mosel

† ***Aphantomartus*** **Pocock, 1911** ..... **Carbon. – Permian**

= † *Trigonomartus* Petrunkevitch, 1913

= † *Phrynomartus* Petrunkevitch, 1945*a*

45. *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

46. *Aphantomartus ilfeldicus* (Scharf, 1924) ..... P Rotliegend

47. *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**

48. *Anzinia thevenini* (Pruvost, 1919)* ..... C Anzin

† ***Gondwanarache* Pinto & Hünicken, 1980** ..... **Carboniferous**

49. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* ..... C Bajo de Véliz

† ***Hemikreischeria* Frič, 1904** ..... **Carboniferous**

50. *Hemikreischeria geinitzi* (Thevenin, 1902)* ..... C France

† ***Kreischeria* Geinitz, 1882** ..... **Carboniferous**

51. *Kreischeria wiedei* Geinitz, 1882* ..... C Zwickau

† ***Pseudokreischeria* Petrunkevitch, 1953** ..... **Carboniferous**

52. *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**

53. *Eophrynus prestvicii* (Buckland, 1837)* ..... C Coalbrookdale

54. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 ..... C Hagen-Vorhalle

† ***Nyranytarbus* Harvey & Selden, 1995** ..... **Carboniferous**

= † *Hemiphrynus* Frič, 1901 [preoccupied]

55. *Nyranytarbus hofmanni* (Frič, 1901) ..... C Nýřany

56. *Nyranytarbus longipes* (Frič, 1901)* ..... C Nýřany

† ***Petrovicia* Frič, 1904** ..... **Carboniferous**

57. *Petrovicia proditoria* Frič, 1904* ..... C Petrovice

† ***Planomartus* Petrunkevitch, 1953** ..... **Carboniferous**

58. *Planomartus krejcii* (Kušta, 1883)* ..... C Rakovník

i. = *Anthracomartus affinis* Kušta, 1885 ..... C Rakovník

† ***Pleophrynus* Petrunkevitch, 1945*a*** ..... **Carboniferous**

59. *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

† ***Poconia* Petrunkevitch, 1953** ..... **Carboniferous**

60. *Poconia whitei* (Ewing, 1930)* ..... C Pocono Shales

† ***Somaspidion* Jux, 1982** ..... **Carboniferous**

61. *Somaspidion hammapheron* Jux, 1982* ..... C Dinslaken

† ***Stenotrogulus* Frič, 1904** ..... **Carboniferous**

= † *Cyclotrogulus* Frič, 1904

= † *Pseudoeophrynus* Příbyl, 1958

62. *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**

63. *Anthracophrynus tuberculatus* Andrée, 1913* ..... C Dudweiler

† ***Areomartus* Petrunkevitch, 1913** ..... **Carboniferous**

64. *Areomartus ovatus* Petrunkevitch, 1913* ..... C West Virginia

† **'*Eophrynus*'**

65. '*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
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.

† **URARANEIDA Selden & Shear *in* Selden *et al*., 2008** ..... **Devonian – Permian**

† ***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

1,141 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

† ***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 ..... **Recent**

= HEPTATHELIDAE Haupt, 1983

no fossil record

OPISTHOTHELAE Pocock, 1892 ..... **Triassic – Recent**

Opisthothelae *incertae sedis*

† ***Eoatypus* McCook, 1888** ..... **Palaeogene**

17. *Eoatypus woodwardii* McCook, 1888* ..... Pa Isle of Wight

MYGALOMORPHAE Pocock, 1892 ..... **Triassic – Recent**

Mygalomorpha indet. 1–3 *in* Wunderlich (2008*d*) ..... K Myanmar amber

ATYPIDAE Thorell, 1870*a* ..... **Cretaceous – Recent**

= CALOMMATOIDAE Thorell, 1887

† ***Ambiortiphagus* Eskov & Zonstein, 1990** ..... **Cretaceous**

18. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990* ..... K Central Mongolia

† ***Balticatypus* Wunderlich, 2011*h*** ..... **Palaeogene**

19. *Balticatypus beigeli* Wunderlich, 2011*h* ..... Pa Baltic amber

20. *Balticatypus juvenis* Wunderlich, 2011*h** ..... Pa Baltic amber

21. *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**

22. *Cretacattyma raveni* Eskov & Zonstein, 1990* ..... K Central Mongolia

MECICOBOTHRIIDAE Holmberg, 1882 ..... **Cretaceous – Recent**

= HEXURIDAE Simon, 1889*b*

† ***Cretohexura* Eskov & Zonstein, 1990** ..... **Cretaceous**

23. *Cretohexura coylei* Eskov & Zonstein, 1990* ..... K Transbaikalia

† ***Cretomegahexura* Eskov & Zonstein, 1990** ..... **Cretaceous**

24. *Cretomegahexura platnicki* Eskov & Zonstein, 1990* ..... K Central Mongolia

HEXATHELIDAE Simon, 1892*b* ..... **Triassic – Recent**

† ***Rosamygale* Selden & Gall, 1992** ..... **Triassic**

25. *Rosamygale grauvogeli* Selden & Gall, 1992* ..... Tr Vosges, France

DIPLURIDAE Simon, 1889*b* ..... **Cretaceous – Recent**

† ***Clostes* Menge, 1869** ..... **Palaeogene**

26. *Clostes priscus* Menge, 1869* ..... Pa Baltic / Bitt. amber

† ***Cretadiplura* Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

27. *Cretadiplura ceara* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

† ***Dinodiplura* Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

28. *Dinodiplura ambulacra* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

***Ischnothele* Ausserer, 1875** ..... **?Neogene – Recent**

?*Ischnothele* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Masteria* L. Koch, 1873** ..... **Neogene – Recent**

= † *Microsteria* Wunderlich, 1988

29. *Masteria sexoculata* (Wunderlich, 1988) ..... Ne Dominican amber

?Masteria sp. *in* Schawaller (1982*c*: as ?*Ischnothele*) ..... Ne Dominican amber

genus uncertain

Dipluridae sp. 1–3 *in* Wunderlich (2004*a*) ..... Pa Baltic amber

Dipluridae sp. *in* Wunderlich (2004*a*) ..... Ne Dominican amber

CYRTAUCHENIIDAE Simon, 1892*b* ..... **Neogene – Recent**

***Bolostromus* Ausserer, 1875** ..... **Neogene – Recent**

30. *Bolostromus destructus* Wunderlich, 1988 ..... Ne Dominican amber

CTENIZIDAE Thorell, 1887 ..... **Palaeogene – Recent**

= HALONOPROCTIDAE Pocock, 1903

† ***Baltocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

31. *Baltocteniza kulickae* Eskov & Zonstein, 2000 ..... Pa Baltic amber

† ***Electrocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

32. *Electrocteniza sadilenkoi* Eskov & Zonstein, 2000 ..... Pa Baltic amber

***Ummidia* Thorell, 1875** ..... **Palaeogene – Recent**

33. *Ummidia damzeni* Wunderlich, 2000 ..... Pa Baltic amber

34. *Ummidia malinowskii* Wunderlich, 2000 ..... Pa Baltic amber

Ummidia sp. *in* Wunderlich (2004*a*) ..... Pa Baltic amber

?Ummidia sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

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**

35. *Cretamygale chasei* Selden, 2002* ..... K Isle of Wight

† ***Eodiplurina* Petrunkevitch, 1922** ..... **Palaeogene**

36. *Eodiplurina cockerelli* Petrunkevitch, 1922* ..... Pa Florissant

MICROSTIGMATIDAE Roewer, 1942 ..... **Neogene – Recent**

= MICROMYGALIDAE Wunderlich, 2004*b*

† ***Parvomygale* Wunderlich, 2004*b*** ..... **Neogene**

37. *Parvomygale distincta* Wunderlich, 2004*b** ..... Ne Dominican amber

BARYCHELIDAE Simon, 1889*b* ..... **Neogene – Recent**

Psalistops* Simon, 1889*b ..... **Neogene – Recent**

38. *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**

39. *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**

40. *Argyrarachne solitus* Selden *in* Selden *et al*., 1999* ..... Tr Virginia

† ***Triassaraneus* Selden *in* Selden *et al*., 1999** ..... **Triassic**

41. *Triassaraneus andersonorum* Selden *in* Selden *et al*., 1999* ..... Tr KwaZulu-Natal

HYPOCHILIDAE Marx, 1888 ..... **Recent**

= ECTATOSTICTIDAE Lehtinen, 1967

no fossil record

AUSTRALOCHILOIDEA Zapfe, 1955 ..... **Cretaceous – 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**

42. *Misionella didicostae* Penney, 2005*a* ..... Ne Dominican amber

SICARIIDAE Keyserling, 1880*a* ..... **Neogene – Recent**

= LOXOSCELIDAE Simon, 1893

***Loxosceles* Heineken & Lowe, 1832** ..... **Neogene – Recent**

43. *Loxosceles aculicaput* Wunderlich, 2004*c* ..... Ne Dominican amber

44. *Loxosceles defecta* Wunderlich, 1988 ..... Ne Dominican amber

45. *Loxosceles deformis* Wunderlich, 1988 ..... Ne Dominican amber

Loxosceles sp. *in* Wunderlich (1988) ..... Ne Dominican amber

SCYTODIDAE Blackwall, 1864 ..... **Palaeogene – Recent**

Syctodidae sp. 1–2 *in* Wunderlich (2004*b*) ..... Pa Bitterfeld amber

***Scytodes* Latreille, 1804a** ..... **Palaeogene – Recent**

46. *Scytodes marginalis* Wunderlich, 2004*as* ..... Qt Madagascan copal

47. *Scytodes piliformis* Wunderlich, 1988 ..... Ne Dominican amber

48. *Scytodes planithorax* Wunderlich, 1988 ..... Ne Dominican amber

49. *Scytodes stridulans* Wunderlich, 1988 ..... Ne Dominican amber

50. *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 Myanmar amber

† ***Palaeohygropoda*** **Penney, 2004*c*** ..... **Cretaceous**

51. *Palaeohygropoda myanmarensis* Penney, 2004*c** ..... K Myanmar amber

† ***Pholcochyrocer*** **Wunderlich, 2008*d*** ..... **Cretaceous**

52. *Pholcochyrocer guttulaequae* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Praeterleptoneta*** **Wunderlich, 2008*d*** ..... **Cretaceous**

53. *Praeterleptoneta spinipes* Wunderlich, 2008*d** ..... K Myanmar amber

54. *Praeterleptoneta tibialis* Wunderlich, 2011*i* ..... K Myanmar amber

LEPTONETIDAE Simon, 1890 ..... **Palaeogene – Recent**

† ***Eoleptoneta*** **Wunderlich, 1991** ..... **Palaeogene**

55. *Eoleptoneta curvata* Wunderlich, 2004*c* ..... Pa Bitterfeld amber

56. *Eoleptoneta duocalcar* Wunderlich, 2004*c* ..... Pa Baltic amber

57. *Eoleptoneta kutscheri* Wunderlich, 1991* ..... Pa Bitterfeld amber

58. *Eoleptoneta multispinae* Wunderlich, 2011*h* ..... Pa Baltic amber

59. *Eoleptoneta pseudoarticulata* Wunderlich, 2011*h* ..... Pa Baltic amber

60. *Eoleptoneta similis* Wunderlich, 2004*c* ..... Pa Baltic amber

† ***Oligoleptoneta*** **Wunderlich 2004c** ..... **Palaeogene**

61. *Oligoleptoneta altoculus* Wunderlich 2004*c** ..... Pa Baltic amber

62. *Oligoleptoneta cymbiospina* Wunderlich, 2011*h* ..... Pa Baltic amber

TELEMIDAE Fage, 1913 ..... **Palaeogene – Recent**

Telema **Simon, 1882** ..... **Palaeogene – Recent**

63. ?*Telema moritzi* Wunderlich, 2004*c* ..... Pa Baltic / Bitt. amber

OCHYROCERATIDAE Fage, 1912 ..... **Neogene – Recent**

† ***Arachnolithulus*** **Wunderlich, 1988** ..... **Neogene**

64. *Arachnolithulus longipes* Wunderlich, 2004*c* ..... Ne Dominican amber

65. *Arachnolithulus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

?*Arachnolithulus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† **EOPSILODERCIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

?Eopsilodercidae indet. 1–3 *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Eopsiloderces*** **Wunderlich, 2008*d*** ..... **Cretaceous**

66. *Eopsiloderces loxosceloides* Wunderlich, 2008*d* ..... K Myanmar amber

† ***Furcembolus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

67. *Furembolus andersoni* Wunderlich, 2008*d* ..... K Myanmar 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**

68. ?*Coryssocnemis velteni* Wunderlich, 2004*c* ..... Ne Dominican amber

***Leptopholcus* Simon, 1893** ..... **Neogene**

69. *Leptopholcus kiskeya* Huber & Wunderlich, 2006 ..... Ne Dominican amber

***Modisimus* Simon, 1893** ..... **Neogene – Recent**

70. *Modisimus calcar* Wunderlich, 1988 ..... Ne Dominican amber
71. *Modisimus calcaroides* Wunderlich, 1988 ..... Ne Dominican amber
72. *Modisimus crassifemoralis* Wunderlich, 1988 ..... Ne Dominican amber
73. *Modisimus oculatus* Wunderlich, 1988 ..... Ne Dominican amber
74. *Modisimus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber

Modisimus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Paraspermophora* Wunderlich, 2004c** ..... **Palaeogene**

75. *Paraspermophora bitterfeldensis* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
76. *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**

77. *Pholcophora brevipes* Wunderlich, 1988 ..... Ne Dominican amber
78. *Pholcophora gracilis* Wunderlich, 1988 ..... Ne Dominican amber
79. *Pholcophora longicornis* Wunderlich, 1988 ..... Ne Dominican amber

***Quamtana* Huber, 2003** ..... **Palaeogene – Recent**

80. *Quamtana huberi* Penney, 2007*a* ..... Pa Le Quesnoy amber

† ***Serratochorus* Wunderlich, 1988** ..... **Neogene**

81. *Serratochorus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

PLECTREURIDAE Simon, 1893 ..... **Jurassic – Recent**

† ***Eoplectreurys* Selden & Huang, 2010** ..... **Jurassic**

82. *Eoplectreurys gertschi* Selden & Huang, 2010 ..... J Daohugou

† ***Palaeoplectreurys* Wunderlich, 2004c** ..... **Palaeogene**

83. *Palaeoplectreurys baltica* Wunderlich, 2004*c** ..... Pa Baltic amber

***Plectreurys* Simon, 1893** ..... **Neogene – Recent**

84. *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**

85. *Nops lobatus* Wunderlich, 1988 ..... Ne Dominican amber

i. = *Nops segmentatus* Wunderlich, 1988 ..... Ne Dominican amber

Nops sp. *in* Wunderlich (1988) ..... Ne Dominican amber

TETRABLEMMIDAE O. P.-Cambridge, 1873 ..... **Palaeogene – Recent**

= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]

= PACULLIDAE Simon, 1894

† ***Balticoblemma* Wunderlich, 2004c** ..... **Palaeogene**

86. *Balticoblemma unicorniculum* Wunderlich, 2004*c** ..... Pa Baltic amber

***Monoblemma* Gertsch, 1941** ..... **Neogene**

87. ?*Monoblemma spinosum* Wunderlich, 1988* ..... Ne Dominican amber

DYSDEROIDEA Bristowe, 1938 ..... **Cretaceous – Recent**

?Dysderoidea *s. l.* indet 1–2 *in* Wunderlich (2008*d*) ..... K Myanmar amber

SEGESTRIIDAE Simon, 1893 ..... **Cretaceous – Recent**

?Segestriidae indet *in* Wunderlich (2008*d*) ..... K Myanmar amber

***Ariadna* Audouin, 1826** ..... **Cretaceous – Recent**

88. ?*Ariadna amissiocoli* Wunderlich, 2008*d* ..... K Jordanian amber

89. *Ariadna copalis* Wunderlich, 2008*a* ..... Qt ?Madagascan copal

90. *Ariadna defuncta* Wunderlich 2004*c* ..... Pa Bitterfeld amber

91. *Ariadna hintzei* Wunderlich, 2004*as* ..... Qt Madagascan copal

92. *Ariadna ovalis* Wunderlich, 2008*a* ..... Pa Baltic amber

93. *Ariadna parva* Wunderlich, 2008*a* ..... Pa Baltic amber

94. *Ariadna paucispinosa* Wunderlich, 1988 ..... Ne Dominican amber

95. *Ariadna resinae* Hickman, 1957 ..... Ne? Australian copal

?*Ariadna* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Lebansegestria* Wunderlich 2008*d*** ..... **Cretaceous**

96. *Lebansegestria azari* Wunderlich, 2008*d** ..... K Lebanese amber

† ***Microsegestria* Wunderlich & Milki, 2004** ..... **Cretaceous**

97. *Microsegestria poinari* Wunderlich & Milki, 2004* ..... K Lebanese amber

† ***Palaeosegestria* Penney, 2004*a*** ..... **Cretaceous**

98. *Palaeosegestria lutzzii* Penney, 2004*a** ..... K New Jersey amber

Segestria* Latreille, 1804*a ..... **Cretaceous – Recent**

99. *Segestria cristata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

100. *Segestria flexio* Wunderlich, 2004*c* ..... Pa Baltic amber

101. *Segestria mortalis* Wunderlich 2004*c* ..... Pa Baltic amber

102. *Segestria plicata* Petrunkevitch, 1950 ..... Pa Baltic amber

103. *Segestria scudderi* Petrunkevitch, 1922 ..... Pa Florissant

104. *Segestria secessa* Scudder, 1890*a* ..... Pa Florissant

105. *Segestria succinei* Berland, 1939 ..... Pa Baltic amber

106. *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

† ***Vetsegestria* Wunderlich, 2004c** ..... **Palaeogene**

107. *Vetsegestria quinquespinosa* Wunderlich, 2004*c** ..... Pa Bitterfeld amber

DYSDERIDAE C. L. Koch, 1837 ..... **Palaeogene – Recent**

† ***Dasumiana* Wunderlich, 2004*c*** ..... **Palaeogene**

108. *Dasumiana emicans* Wunderlich, 2004*c** ..... Pa Baltic amber

109. ?*Dasumiana subita* (Petrunkevitch, 1958) ..... Pa Baltic amber

110. *Dasumiana valga* Wunderlich, 2004*c* ..... Pa Baltic amber

***Dysdera* Latreille, 1804** ..... **Palaeogene – Recent**

111. *Dysdera dilatata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Harpactea* Bristowe, 1939** ..... **Palaeogene – Recent**

112. *Harpactea communis* Wunderlich, 2004*c* ..... Pa Baltic amber

113. *Harpactea extincta* Petrunkevitch, 1950 ..... Pa Baltic amber

114. *Harpactea hombergi* (Scopoli, 1763) **[Recent]** ..... Qt England

115. *Harpactea longibulbus* Wunderlich, 2011*h* ..... Pa Baltic amber

116. *Harpactea tersa* (C. L. Koch & Berendt, 1854) ... [provisional transfer] Pa Baltic amber

Harpactea sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

Dysderidae?

† ***Mistura* Petrunkevitch, 1971** ..... **Neogene**

117. *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**

118. *Burmorchestina pulcher* Wunderlich, 2008*a** ..... K Myanmar amber

† ***Canadaorchestina* Wunderlich, 2008*a*** ..... **Cretaceous**

119. *Canadaorchestina albertenis* (Penney, 2006*a*)* ..... K Manitobian amber

† ***Eogamasomorpha* Wunderlich, 2008*d*** ..... **Cretaceous**

120. *Eogamasomorpha nubila* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Eoscaphiella* Wunderlich, 2011*i*** ..... **Cretaceous**

121. *Eoscaphiella ohlhoffi* Wunderlich, 2011*i** ..... K Myanmar amber

† ***Fossilopaea* Wunderlich, 1988** ..... **Neogene**

122. *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**

123. *Orchestina baltica* Petrunkevitch, 1942 ..... Pa Baltic amber

124. *Orchestina (Baltorchestina) bitterfeldensis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

125. *Orchestina breviembolus* Wunderlich, 1981 ..... Pa Baltic amber

126. *Orchestina (Baltorchestina) brevis* Wunderlich, 2008*a* ..... Pa Baltic amber
127. *Orchestina crassiembolus* Wunderlich, 1981 ..... Pa Baltic amber
128. *Orchestina (Baltorchestina) crassipatellaris* Wunderlich, 1981 ..... Pa Baltic amber
129. *Orchestina (Baltorchestina) crassitibialis* Wunderlich, 1981 ..... Pa Baltic amber
130. *Orchestina (Baltorchestina) colchembolus* Wunderlich, 1981 ..... Pa Baltic amber
131. *Orchestina colombiensis* Wunderlich, 2004*at* ..... Qt Colombian copal
132. *Orchestina dominicana* Wunderlich, 1981 ..... Ne Dominican amber
133. *Orchestina forceps* Wunderlich, 1981 ..... Pa Baltic amber
134. *Orchestina (Baltorchestina) forfex* Wunderlich, 2011*h* ..... Pa Baltic amber
135. *Orchestina (Baltorchestina) furca* Wunderlich, 1981 ..... Pa Baltic amber
136. *Orchestina fushunensis* Wunderlich, 2004*au* ..... Pa Fu Shun amber
137. *Orchestina gracilitibialis* Wunderlich, 2004*c* ..... Pa Baltic amber
138. *Orchestina (Baltorchestina) imperialis* Petrunkevitch, 1963 ..... Pa Baltic/Bitter. amber
139. *Orchestina kenyana* Wunderlich, 1981 ..... Qt East African copal
140. *Orchestina longimana* Wunderlich, 1981 ..... Qt East African copal
141. *Orchestina madagascariensis* Wunderlich, 2004*as* ..... Qt Madagascan copal
142. *Orchestina mortua* Petrunkevitch, 1971 ..... Ne Chiapas amber
143. *Orchestina (Baltorchestina) multisetae* Wunderlich, 2008*a* ..... Pa Baltic amber
144. *Orchestina (Gallorchestina) parisiensis* Penney, 2007*b* ..... Pa Le Quesnoy amber
145. *Orchestina (Baltorchestina) perfecta* Wunderlich, 2008*a* ..... Pa Baltic amber
146. *Orchestina pusilla* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
147. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2008*a* ..... Pa Baltic amber
148. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2011*h* ..... Pa Bitterfeld amber
Homonym of the 2008 name above!
149. *Orchestina (Baltorchestina) sternalis* Wunderlich, 2008*a* ..... Pa Baltic amber
150. *Orchestina tibialis* Wunderlich, 1988 ..... Ne Dominican amber
151. *Orchestina truncata* Wunderlich, 2004*at* ..... Qt Colombian copal
152. *Orchestina tuberosa* Wunderlich, 1981 ..... Pa Baltic amber

Orchestina sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

Orchestina sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

***Stenoonops* Simon, 1891** ..... **Palaeogene – Recent**

153. *Stenoonops incertus* (Wunderlich, 1988) ..... Ne Dominican amber
154. ?*Stenoonops rugosus* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
155. *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 Myanmar amber

?Plumorsolidae indet. *in* Wunderlich (2011*i*) ..... K Myanmar amber

† ***Plumorsolus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

156. *Plumorsolus gondwanensis* Wunderlich, 2008*d* ..... K Lebanese amber

ENTELEGYNAE Simon, 1893 ..... **Triassic – Recent**

PALPIMANOIDEA Thorell, 1870a ..... **Jurassic – Recent**

family uncertain

† ***Sinaranea*** **Selden, Huang & Ren, 2008** ..... **Jurassic**

157. *Sinaranea metaxyostraca* Selden, Huang & Ren, 2008* ..... J Daohugou, China

ARCHAEIDAE C. L. Koch & Berendt, 1854 ..... **Jurassic – Recent**

Archaea **C. L. Koch & Berendt, 1854** ..... **Palaeogene – Recent**

158. ?*Archaea bitterfeldensis* Wunderlich, 2004*d* ..... Pa Bitterfeld amber

159. *Archaea compacta* Wunderlich, 2004*d* ..... Pa Baltic amber

160. *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

161. *Archaea pougneti* Simon, 1884*b* ..... Pa Baltic amber

† ***Baltarchaea*** **Eskov, 1992** ..... **Palaeogene**

162. *Baltarchaea conica* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

† ***Burmesarchaea*** **Wunderlich, 2008*d*** ..... **Cretaceous**

163. *Burmesarchaea grimaldii* (Penney, 2003*a*) ..... K Myanmar amber

† ***Eoarchaea*** **Forster & Platnick, 1984** ..... **Palaeogene**

164. *Eoarchaea hyperoptica* (Menge *in* C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

165. *Eoarchaea vidua* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Eomysmauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

166. *Eomysmauchenius septentrionalis* Wunderlich, 2008*d** ..... K Myanmar amber

Eriauchenius **O. P.-Cambridge, 1881** ..... **Quaternary – Recent**

167. *Eriauchenius gracilicollis* (Millot, 1948) **[Recent]** ..... Qt Copal

i. = *Archaea copalensis* Lourenço, 2000*b* ..... Qt Copal

† ***Filiauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

168. *Filiauchenius paucidentatus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Jurarchaea*** **Eskov, 1987** ..... **Jurassic**

169. *Jurarchaea zherikhini* Eskov, 1987* ..... J Kazakhstan

† ***Lacunauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

170. *Launauchenius speciosus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Myrmecarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

171. *Myrmecarchaea petiolus* Wunderlich, 2004*d** ..... Pa Baltic amber

172. *Myrmecarchaea pediculus* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Patarchaea*** **Selden, Huang & Ren, 2008** ..... **Jurassic**

173. *Patarchaea muralis* Selden, Huang & Ren, 2008* ..... J Daohugou, China

† ***Saxonarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

174. *Saxonarchaea dentata* Wunderlich, 2004*d** ..... Pa Bitterfeld amber

175. *Saxonarchaea diabolica* Wunderlich, 2004*d* ..... Pa Bitterfeld amber

MECYSMAUCHENIIDAE Simon, 1895 ..... **Cretaceous – Recent**

† ***Archaemecys*** **Saupe & Selden, 2009** ..... **Cretaceous**

176. *Archaemecys arcantiensis* Saupe & Selden, 2009 ..... K Charente amber

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**

177. *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**

178. *Micropalpimanus poinari* Wunderlich, 2008*d* ..... K Myanmar 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**

† ***Burlagonomegops*** **Penney, 2005*b*** ..... **Cretaceous**

179. *Burlagonomegops alavensis* Penney, 2006*b* ..... K Álava amber

180. *Burlagonomegops eskovi* Penney, 2005*b** ..... K Myanmar amber

† ***Lagonomegops*** **Eskov & Wunderlich, 1995** ..... **Cretaceous**

181. *Lagonomegops americanus* Penney, 2005*b* ..... K New Jersey amber

182. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995* ..... K Taimyr amber

† ***Zarquagonomegops*** **Kaddumi, 2007** ..... **Cretaceous**

183. *Zarquagonomegops wunderlichi* Kaddumi, 2007* ..... K Jordanian amber

† **GRANDOCULIDAE Penney, 2011** ..... **Cretaceous**

† ***Grandoculus* Penney, 2004*b*** ..... **Cretaceous**

184. *Grandoculus chemahawinensis* Penney, 2004*b** ..... K Manitobian amber

† **SPATIATORIDAE Petrunkevitch, 1942** ..... **Palaeogene**

† ***Spatiator* Petrunkevitch, 1942** ..... **Palaeogene**

185. *Spatiator caulis* Wunderlich, 2008*a* ..... Pa Baltic amber

186. *Spatiator martensi* Wunderlich, 2006 ..... Pa Baltic amber

187. *Spatiator praeceps* Petrunkevitch, 1942* ..... Pa Baltic amber

Spatiator sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

MALKARIDAE Davies, 1980 ..... **Recent**

= STERNODIDAE Moran, 1986

no fossil record

MIMETIDAE Simon, 1881 ..... **Palaeogene – Recent**

= CTENOPHORIDAE Blackwall, 1870 [younger name protected by useage]

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*

188. *Ero carboneana* Petrunkevitch, 1942 ..... Pa Baltic amber

189. *Ero longitarsus* (Wunderlich, 2004*q*) ..... Pa Baltic amber

190. *Ero permunda* Petrunkevitch, 1942 ..... Pa Baltic amber

191. *Ero rovnoensis* (Wunderlich, 2004*ar*) ..... Pa Rovno amber

***Mimetus* Hentz, 1832** ..... **Palaeogene – Recent**

192. *Mimetus bituberculatus* Wunderlich, 1988 ..... Ne Dominican amber

193. ?*Mimetus longipes* Wunderlich, 2004*q* ..... Pa Baltic amber

i. = *Mimetus brevipes* Wunderlich, 2004*q* ..... Pa Baltic amber

?*Mimetus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Protomimetus* Wunderlich, 2011** ..... **Palaeogene**

194. ?*Protomimetus breviclypeus* Wunderlich, 2011*h* ..... Pa Baltic amber

195. *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 Myanmar amber

OECOBIIDAE Blackwall, 1862 ..... **Cretaceous – Recent**

= UROCTEIDAE Thorell, 1869

† ***Lebanoecobius* Wunderlich, 2004e** ..... **Cretaceous**

196. *Lebanoecobius schleei* Wunderlich, 2004*e** ..... K Lebanese amber

† ***Mizalia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Paruroctea* Petrunkevitch, 1942

197. *Mizalia blauvelti* (Petrunkevitch, 1942) ..... Pa Baltic amber

198. *Mizalia gemini* Wunderlich, 2004*e* ..... Pa Baltic amber

199. *Mizalia rostrata* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

i. = *Mizalia pilosula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

200. *Mizalia spirembolus* Wunderlich, 2004*e* ..... Pa Baltic amber

Mizalia sp. *in* Wunderlich (2011*h*) ..... Pa Baltic/Bltter. amber

***Oecobius* Lucas, 1846** ..... **?Cretaceous – Recent**

201. *Oecobius piliformis* Wunderlich, 1988 ..... Ne Dominican amber

?Oecobius sp. indet *in* Penney (2002) ..... K New Jersey amber

***Uroctea* Dufour, 1820** ..... **Palaeogene – Recent**

202. *Uroctea galloprovincialis* Gourret, 1887 ..... Pa Aix-en-Provence

† ***Zamilia* Wunderlich, 2008*d*** ..... **Cretaceous**

203. *Zamilia antecessor* Wunderlich, 2008*d* ..... K Myanmar 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

† ***Burmesiola* Wunderlich, 2011*i*** ..... **Cretaceous**

204. *Burmesiola cretacea* Wunderlich, 2011*i** ..... K Myanmar 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]

205. *"Fictotama" maculosa* Wunderlich, 2011*g* ..... Ne Dominican amber

† ***Gerdia* Menge, 1869** ..... **Palaeogene**

206. *Gerdia myura* Menge, 1869* ..... Pa Baltic amber

† ***Gerdiopsis* Wunderlich, 2004*e*** ..... **Palaeogene**

207. *Gerdiopsis infrigens* Wunderlich, 2004*e** ..... Pa Baltic amber

† ***Gerdiorum* Wunderlich 2004*e*** ..... **Palaeogene**

208. *Gerdiorum inflexum* Wunderlich 2004*e** ..... Pa Baltic amber

***Hersilia* Audouin, 1826** ..... **Palaeogene – Recent**

= † *Hersiliopsis* Wunderlich, 2004*e*

209. *Hersilia aquisextana* Gourret, 1887 ..... Pa Aix-en-Provence

210. *Hersilia longipes* Giebel, 1856 ..... Pa Baltic amber

211. *Hersilia madagascarensis* (Wunderlich, 2004*e*) ..... Qt–R Madagas. copal

212. ?*Hersilia miranda* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Hersiliana*** **Wunderlich, 2004e** ..... **Quaternary – Recent**

213. *Hersiliana brevipes* Wunderlich, 2004e* ..... Qt Madagascan copal

† ***Prototama*** **Petrunkevitch, 1971** ..... **Neogene**

= † *Priscotama* Petrunkevitch, 1971

214. *Prototama antiqua* (Petrunkevitch, 1971) ..... Ne Chiapas amber

215. *Prototama maior* (Wunderlich, 1988) ..... Ne Dominican amber

216. *Prototama media* (Wunderlich, 1988) ..... Ne Dominican amber

217. *Prototama minor* (Wunderlich, 1987) ..... Ne Dominican amber

218. *Prototama succinea* Petrunkevitch, 1971* ..... Ne Chiapas amber

Prototama sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Superfamily uncertain

† **BURMASCUTIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Burmascutum*** **Wunderlich, 2008*d*** ..... **Cretaceous**

219. *Burmascutum aenigma* Wunderlich, 2008*d** ..... K Myanmar amber

† **SALTICOIDIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Salticoidus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

220. *Salticoidus kaddumiorum* Wunderlich, 2008*d** ..... K Jordanian amber

'CANOE TAPETUM' CLADE ..... **Triassic – Recent**

ORBICULARIAE Walckenaer, 1802 ..... **Triassic – Recent**

DEINOPOIDEA C. L. Koch, 1851 ..... **Cretaceous – Recent**

DEINOPIDAE C. L. Koch, 1851 ..... **Cretaceous – Recent**

Deinopis **MacLeay, 1839** ..... **Quaternary – Recent**

221. *Deinopis* ?*madagascariensis* Lenz, 1886 **[Recent]** ..... Qt Madagascar copal

Menneus **Simon, 1876*b*** ..... **Palaeogene – Recent**

222. ?*Menneus pietrzeniukae* Wunderlich, 2004*g* ..... Pa Baltic amber

?*Menneus* sp. 1–3 *in* Wunderlich (2004*g*) ..... Pa Baltic amber

† ***Palaeomicromennus*** **Penney, 2003*b*** ..... **Cretaceous**

223. *Palaeomicromenneus lebanensis* Penney, 2003*b** ..... K Lebanese amber

ULOBORIDAE Thorell, 1869 ..... **Cretaceous – Recent**

Uloboridae indet. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

† ***Burmuloborus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

224. *Burmuloborus parvus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Eomiagrammopes*** **Wunderlich, 2004*f*** ..... **Palaeogene**

225. *Eomiagrammopes maior* Wunderlich, 2004*f* ..... Pa Baltic amber

226. *Eomiagrammopes minor* Wunderlich, 2004*f* ..... Pa Baltic amber

227. *Eomiagrammopes semiapertus* Wunderlich, 2011*h* ..... Pa Baltic amber

228. *Eomiagrammopes singularis* Wunderlich, 2004*f** ..... Pa Baltic amber

229. *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**

230. *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

231. *Hyptiotes convexus* Wunderlich, 2004*f* ..... Pa Baltic amber
232. *Hyptiotes glaber* Wunderlich, 2004*f* ..... Pa Baltic amber
233. *Hyptiotes saetosus* Wunderlich, 2004*f* ..... Pa Baltic amber
234. *Hyptiotes stellatus* Wunderlich, 2004*f* ..... Pa Baltic amber
235. *Hyptiotes triqueter* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Jerseyuloborus* Wunderlich, 2011*i*** ..... **Cretaceous**

236. *Jerseyuloborus longisoma* Wunderlich, 2011*i** ..... K New Jersey amber

***Miagrammopes* O. P.-Cambridge, 1870** ..... **Neogene – Recent**

237. *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

† ***Opellianus* Wunderlich, 2004*f*** ..... **Palaeogene**

238. *Opellianus excellens* Wunderlich, 2004*f** ..... Pa Baltic amber
239. *Opellianus kazimierasi* Wunderlich 2004*f* ..... Pa Baltic amber
240. *Opellianus ludwigi* Wunderlich 2004*f* ..... Pa Baltic amber

† ***Palaeomiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

241. *Palaeomiagrammopes vesica* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Palaeouloborus* Selden, 1990** ..... **Cretaceous**

242. *Palaeouloborus lacasae* Selden, 1990* ..... K Sierra de Montsech

† ***Paramiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

243. *Paramiagrammopes cretaceus* Wunderlich, 2008*d** ..... K Myanmar amber
Paramiagrammopes sp. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Ulobomopes* Wunderlich, 2004*f*** ..... **Palaeogene**

244. *Ulobomopes unicus* Wunderlich, 2004*f** ..... Pa Baltic amber

ARANEOIDEA Latreille, 1806 ..... **Triassic – Recent**

Araneoidea fam indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Mesarania* Hong, 1984** ..... **Jurassic**

245. *Mesarania hebeiensis* Hong, 1984* ..... J Hebei, China

CYATHOLIPIDAE Simon, 1894 ..... **Palaeogene – Recent**

= TEEMENAARIDAE Davies, 1978

† ***Balticolipus* Wunderlich, 2004*m*** ..... **Palaeogene**

246. *Balticolipus kruemmeri* Wunderlich, 2004*m** ..... Pa Baltic / Bitt. amber

† ***Cyathosuccinus*** **Wunderlich, 2004*m*** ..... **Palaeogene**

247. *Cyathosuccinus elongatus* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Erigolipus*** **Wunderlich, 2004*m*** ..... **Palaeogene**

248. *Erigolipus griswoldi* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Spinilipus*** **Wunderlich, 1993*b*** ..... **Palaeogene**

249. *Spinilipus bispinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

250. *Spinilipus curvatus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

251. *Spinilipus glinki* Wunderlich, 2004*m* ..... Pa Baltic amber

252. *Spinilipus kerneggeri* Wunderlich, 1993*b** ..... Pa Baltic amber

253. *Spinilipus longembolus* Wunderlich, 2004*m* ..... Pa Baltic amber

† ***Succinilipus*** **Wunderlich, 1993*b*** ..... **Palaeogene**

254. *Succinilipus abditus* Wunderlich, 2004*m* ..... Pa Baltic / Bitt. amber

255. *Succinilipus aspinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

256. *Succinilipus saxoniensis* Wunderlich, 1993*b* ..... Pa Bitterfeld amber

257. *Succinilipus similis* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

258. *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

259. *Acrometa clava* Wunderlich, 2004*n* ..... Pa Baltic amber

260. *Acrometa cristata* Petrunkevitch, 1942* ..... Pa NE Europe ambers

i. = *Theridiometa edwardsi* Petrunkevitch, 1942 ..... Pa Baltic amber

ii. = *Viocurus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber

261. *Acrometa eichmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

262. *Acrometa incidens* Wunderlich, 2004*n* ..... Pa Baltic amber

263. *Acrometa minutum* (Petrunkevitch, 1942) ..... Pa Baltic amber

264. *Acrometa pala* Wunderlich, 2004*n* ..... Pa Baltic amber

265. *Acrometa robusta* (Petrunkevitch, 1942) ..... Pa Baltic amber

266. *Acrometa pseudorobusta* Dunlop & Jekel, 2009 ..... Pa Baltic amber

i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]

267. *Acrometa samlandica* (Petrunkevitch, 1942) ..... Pa Baltic amber

268. *Acrometa setosus* (Petrunkevitch, 1942) ..... Pa Baltic amber

269. *Acrometa succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Anandrus*** **Menge, 1856** ..... **Palaeogene**

= † *Elucus* Petrunkevitch, 1942

270. *Anandrus inermis* (Petrunkevitch, 1942) ..... Pa Baltic amber

271. *Anandrus infelix* (Petrunkevitch, 1950)* ..... Pa Baltic amber

272. *Anandrus quaesitus* (Petrunkevitch, 1958) ..... Pa Baltic amber
273. *Anandrus redemptus* (Petrunkevitch, 1958) ..... Pa Baltic amber

† ***Chelicerinus* Wunderlich, 2008*a*** ..... **Palaeogene**

274. *Chelicerinus abnormis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

† ***Cornuanandrus* Wunderlich, 1986** ..... **Palaeogene**

275. *Cornuanandrus bifurcatus* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
276. *Cornuanandrus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
277. *Cornuanandrus corniculans* Wunderlich, 2004*n* ..... Pa Baltic amber
278. *Cornuanandrus maior* Wunderlich, 1986* ..... Pa Baltic amber
279. *Cornuanandrus minor* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Dubiosynotaxus* Wunderlich, 2004n** ..... **Palaeogene**

280. *Dubiosynotaxus perfectus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Eosynotaxus* Wunderlich, 2004n** ..... **Palaeogene**

281. *Eosynotaxus bispinosus* Wunderlich, 2004*n* ..... Pa Baltic amber
282. *Eosynotaxus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
283. *Eosynotaxus custodens* Wunderlich, 2004*n* ..... Pa Baltic amber
284. *Eosynotaxus fastigatus* Wunderlich, 2004*n* ..... Pa Baltic amber
285. *Eosynotaxus paucispina* Wunderlich, 2004*n* ..... Pa Baltic amber
286. *Eosynotaxus spinipes* Wunderlich, 2004*n* ..... Pa Baltic amber
287. *Eosynotaxus wegneri* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Gibbersynotaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

288. *Gibbersynotaxus parvus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Protophysoglenes* Wunderlich, 2004*n*** ..... **Palaeogene**

289. *Protophysoglenes impressum* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Pseudoacrometa* Wunderlich, 1986** ..... **Palaeogene**

290. *Pseudoacrometa gracilipes* Wunderlich, 1986* ..... Pa Baltic amber
291. *Pseudoacrometa wittmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Succinitaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

292. *Succinitaxus brevis* Wunderlich, 2004*n** ..... Pa Baltic/Bitt. amber
293. ?*Succinitaxus minutus* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Sulcosynotaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

294. *Sulcosynotaxus cavatus* Wunderlich, 2004*n** ..... Pa Baltic amber

NESTICIDAE Simon, 1894 ..... **Palaeogene – Recent**

† ***Balticonesticus* Wunderlich, 1986** ..... **Palaeogene**

295. *Balticonesticus flexuosus* Wunderlich, 1986* ..... Pa Baltic amber

***Eidmanella* Roewer, 1935** ..... **Quaternary**

296. *Eidmanella pallida* (Emerton, 1875) **[Recent]** ..... Qt Madagascar copal

† ***Eopopino* Petrunkevitch, 1942** ..... **Palaeogene**

297. *Eopopino budrysi* Eskov & Marusik, 1992 ..... Pa Baltic amber
298. *Eopopino inopinatus affinis* Wunderlich, 1986 ..... Pa Baltic amber

299. *Eopopino inopinatus inopinatus* Wunderlich, 1986 ..... Pa Baltic amber
300. *Eopopino longipes* Petrunkevitch, 1942* ..... Pa Baltic amber
301. *Eopopino palanga* Eskov & Marusik, 1992 ..... Pa Baltic amber
302. *Eopopino rarus rarus* Wunderlich, 1986 ..... Pa Baltic amber
303. *Eopopino rarus solitarius* Wunderlich, 1986 ..... Pa Baltic amber
304. *Eopopino rudloffi* Wunderlich, 2004*o* ..... Pa Bitterfeld amber

Eopopino sp. *in* Wunderlich (1986) ..... Pa Bitterfeld amber

† ***Heteronesticus* Wunderlich, 1986** ..... **Palaeogene**

305. *Heteronesticus magnoparacymbialis* Wunderlich, 1986* ..... Pa Baltic amber

† ***Hispanonesticus* Wunderlich, 1986** ..... **Neogene**

306. *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. *in* Nishikawa (1974) ..... Qt Mizunami copal

***Achaearanea* Strand, 1929** ..... **Neogene – Recent**

307. *Achaearanea extincta* Wunderlich, 1988 ..... Ne Dominican amber

Achaearanea sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Argyrodes* Simon, 1864** ..... **Neogene – Recent**

308. *Argyrodes (Ariamnes) copalis* Wunderlich, 2008*b* ..... Qt Colombian copal
309. *Argyrodes (Ariamnes) resina* Wunderlich, 2011*f* ..... Qt Madagascar copal
310. *Argyrodes (Rhomphaea) gibbifera* Wunderlich, 2004*as* ..... Qt Madagascar copal
311. *Argyrodes parvipatellaris* Wunderlich, 1988 ..... Ne Dominican amber

Argyrodes sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Balticoridion* Wunderlich, 2008*b*** ..... **Palaeogene**

312. *Balticoridion dubium* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

† ***Balticpholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

313. *Balticpholcomma scutatum* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Caudasinus* Wunderlich, 2008*b*** ..... **Palaeogene**

314. *Caudasinus bispinosus* Wunderlich, 2008*b* ..... Pa Baltic amber
315. *Caudasinus caudatus* Wunderlich, 2008*b** ..... Pa Baltic amber
316. *Caudasinus regeneratus* Wunderlich, 2008*b* ..... Pa Baltic amber

Caudasinus sp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

***Chrosiothes* Simon, 1894** ..... **Neogene – Recent**

317. *Chrosiothes biconigerus* Wunderlich, 1988 ..... Ne Dominican amber
318. *Chrosiothes curvispinosus* Wunderlich, 1988 ..... Ne Dominican amber
319. *Chrosiothes emulgatus* Wunderlich, 1988 ..... Ne Dominican amber
320. *Chrosiothes longispinosus* Wunderlich, 1988 ..... Ne Dominican amber
321. *Chrosiothes monoceros* Wunderlich, 1988 ..... Ne Dominican amber
322. *Chrosiothes tumulus* Wunderlich, 1988 ..... Ne Dominican amber

323. *Chrosiothes unicornis* Wunderlich, 1988 ..... Ne Dominican amber

Chrysso* O. P.-Cambridge, 1882*a ..... **Neogene – Recent**

324. *Chrysso conspicua* Wunderlich, 1988 ..... Ne Dominican amber

325. *Chrysso dubia* Wunderlich, 1988 ..... Ne Dominican amber

† ***Clavibertus* Wunderlich, 2008*b*** ..... **Palaeogene**

326. *Clavibertus parvus* Wunderlich, 2008*b* ..... Pa Baltic amber

327. *Clavibertus prominens* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Clya* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

328. *Clya abdita* Wunderlich, 2008*b* ..... Pa Baltic amber

329. *Clya lugubris* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

330. *Clya calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber

331. *Clya gracilis* (Petrunkevitch, 1958) ..... Pa Baltic amber

332. *Clya granulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

333. *Clya obscura* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

334. *Clya rotata* Wunderlich, 2008*b* ..... Pa Baltic amber

335. *Clya supercalefacta* Wunderlich, 2008*b* ..... Pa Baltic amber

336. *Clya superspiralis* Wunderlich, 2008*b* ..... Pa Baltic amber

337. *Clya tricurvata* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Cornutidion* Wunderlich, 1988** ..... **Neogene**

338. *Cornutidion elongatum* Wunderlich, 1988* ..... Ne Dominican amber

***Craspedisia* Simon, 1894** ..... **Neogene – Recent**

Craspedisia sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Cymbiopholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

339. *Cymbiopholcomma dudum* Wunderlich, 2008*b** ..... Pa Baltic amber

340. *Cymbiopholcomma spiculum* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Dipoenata* Wunderlich, 1988** ..... **Neogene**

341. *Dipoenata altioculata* Wunderlich, 1988 ..... Ne Dominican amber

342. *Dipoenata cala* Wunderlich, 1988 ..... Ne Dominican amber

343. *Dipoenata clypeata* Wunderlich, 1988 ..... Ne Dominican amber

344. *Dipoenata globulus* Wunderlich, 1988 ..... Ne Dominican amber

345. *Dipoenata praedominicana* (Wunderlich, 1986) ..... Qt Dominican copal

346. *Dipoenata stipes* Wunderlich, 1988* ..... Ne Dominican amber

347. *Dipoenata yolandae* Wunderlich, 1988 ..... Ne Dominican amber

Dipoenata sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Eoasagena* Wunderlich, 2008*b*** ..... **Palaeogene**

348. *Eoasagena scutata* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eolyrifer* Wunderlich, 2008*b*** ..... **Palaeogene**

349. *Eolyrifer longitibialis* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eomysmena* Petrunkevitch, 1942** ..... **Palaeogene – Neogene**

= † *Antopia* Menge, 1854 [tentative synonomy]

= † *Astodipoena* Petrunkevitch, 1958

= † *Eodipoena* Petrunkevitch, 1942

350. *Eomysmena asta* Petrunkevitch, 1971 ..... Ne Chiapas amber
351. *Eomysmena aviceps* Wunderlich, 2008*b* ..... Pa Baltic amber
352. *Eomysmena calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
353. *Eomysmena crassa* (Petrunkevitch, 1958) ..... Pa Baltic amber
354. *Eomysmena baltica* Petrunkevitch, 1946 ..... Pa Baltic amber
355. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) ..... Pa Baltic amber
356. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) ..... Pa Baltic amber
357. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
358. *Eomysmena moritura* Petrunkevitch, 1942* ..... Pa Baltic amber
    i. = *Eomysmena consulta* (Petrunkevitch, 1958) [tentative synonomy] ..... Pa Baltic amber
359. *Eomysmena nielseni* (Petrunkevitch, 1958) ..... Pa Baltic amber
360. *Eomysmena oculata* (Petrunkevitch, 1942) ..... Pa Baltic amber
361. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
362. *Eomysmena recta* Wunderlich, 2008*b* ..... Pa Baltic amber
363. *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**

364. *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]

365. *Episinus anapidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
366. *Episinus antecognatus* Wunderlich, 1986 ..... Qt Dominican copal
367. *Episinus appendix* Wunderlich, 2008*b* ..... Pa Baltic amber
368. *Episinus arrodens* Wunderlich, 2008*b* ..... Pa Baltic amber
369. *Episinus balticus* Marusik & Penney, 2004 ..... Pa Baltic / Bitt. amber
370. *Episinus brevipalpus* Wunderlich, 1988 ..... Ne Dominican amber
371. *Episinus bulla* Wunderlich, 2008*b* ..... Pa Baltic amber
372. *Episinus chiapasanus* (Petrunkevitch, 1971) ..... Ne Chiapas amber
373. *Episinus clunis* Wunderlich, 2008*b* ..... Pa Baltic amber
374. *Episinus cochlear* Wunderlich, 2008*b* ..... Pa Baltic amber
375. *Episinus cornutus* Wunderlich, 1988 ..... Ne Dominican amber
376. *Episinus cymbialis* Wunderlich, 2008*b* ..... Pa Baltic amber
377. *Episinus dimidius* Wunderlich, 2008*b* ..... Pa Baltic amber
378. *Episinus eskovi* Marusik & Penney, 2004 ..... Pa Baltic amber
379. *Episinus isopteraque* Wunderlich, 2008*b* ..... Pa Baltic amber
380. *Episinus latus* Wunderlich, 2008*b* ..... Pa Baltic amber

381. *Episinus longimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
i. = *Malleator niger* Petrunkevitch, 1942 ..... Pa Baltic amber
382. *Episinus longisoma* Wunderlich, 2008*b* ..... Pa Baltic amber
383. *Episinus minutus* (Petrunkevitch, 1958) ..... Pa Baltic amber
384. *Episinus mordellidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
385. *Episinus musculus* Wunderlich, 2008*b* ..... Pa Baltic amber
386. *Episinus mutilus* (Petrunkevitch, 1958) ..... Pa Baltic amber
387. *Episinus nausticymbium* Wunderlich, 2008*b* ..... Pa Baltic amber
388. *Episinus neglectus* (Petrunkevitch, 1942) ..... Pa Baltic amber
389. *Episinus penneyi* Garcia-Villafuerte, 2006*a* ..... Ne Chiapas amber
390. *Episinus praecognatus* Wunderlich, 1982 ..... Ne Dominican amber
391. *Episinus pulcher* (Petrunkevitch, 1942) ..... Pa Baltic amber
392. *Episinus regalis* (Petrunkevitch, 1958) ..... Pa Baltic amber
393. *Episinus stridulus* (Petrunkevitch, 1958) ..... Pa Baltic amber
394. *Episinus tibiaseta* Wunderlich, 2011*g* ..... Ne Dominican amber
395. *Episinus transversus* Wunderlich, 2008*b* ..... Pa Baltic amber
396. *Episinus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber
Episinus spp. in Wunderlich (2008*b*) ..... Pa Baltic amber

***Euryopis* Menge, 1868** ..... **Palaeogene – Recent**

397. ?*Euryopis araneoides* Wunderlich, 2008*b* ..... Pa Baltic amber
398. *Euryopis bitterfeldensis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
399. *Euryopis nexus* Wunderlich, 2008*b* ..... Pa Baltic amber
400. *Euryopis streyi* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

† ***Euryopus* Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

401. *Euryopus gracilipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Faiditus* Keyserling, 1884** ..... **Neogene – Recent**

402. *Faiditus crassipatellaris* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Femurraptor* Wunderlich, 2011*g*** ..... **Neogene**

403. *Femurraptor dominicanus* Wunderlich, 2011*g** ..... Ne Dominican amber

† ***Globulidion* Wunderlich, 2008*b*** ..... **Palaeogene**

404. *Globulidion cochlea* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Hirsutipalpus* Wunderlich, 2008*b*** ..... **Palaeogene**

405. *Hirsutipalpus varipes* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Kochiuridion* Wunderlich, 2008*b*** ..... **Palaeogene**

406. *Kochiuridion scutatum* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

***Lasaeola* Simon, 1881** ..... **Palaeogene – Recent**

= † *Nactodipoena* Petrunkevitch, 1942 [a subgenus *in* Wunderlich (2008*b*)]

407. *Lasaeola acumen* Wunderlich, 2008*b* ..... Pa Baltic amber
408. *Lasaeola baltica* (Marusik & Penney, 2004) ..... Pa Baltic amber
409. *Lasaeola bitterfeldensis* Wunderlich, 2008*b* ..... Pa Bitterfeld amber
410. *Lasaeola communis* Wunderlich, 2008*b* ..... Pa Baltic amber

411. *Lasaeola (Nactodipoena) dunbari* (Petrunkevitch, 1942) ..... Pa Baltic amber
412. ?*Lasaeola furca* Wunderlich, 2008*b* ..... Pa Baltic amber
413. *Lasaeola germanica* (Petrunkevitch, 1958) ..... Pa Baltic amber
414. *Lasaeola infulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Bitt. Amber
415. *Lasaeola larvaque* Wunderlich, 2008*b* ..... Pa Baltic amber
416. *Lasaeola latisulci* Wunderlich, 2008*b* ..... Pa Baltic amber
417. *Lasaeola pristina* (Wunderlich, 1986) ..... Ne Dominican amber
418. *Lasaeola puta* Wunderlich, 1988 ..... Ne Dominican amber
419. *Lasaeola sexsaetosa* Wunderlich, 2008*b* ..... Pa Baltic amber
420. ?*Lasaeola sigillata* Wunderlich, 2008*b* ..... Pa Bitterfeld amber
421. *Lasaeola vicina* (Wunderlich, 1982) ..... Ne Dominican amber
422. *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**

423. *Medela baltica* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mimetidion* Wunderlich, 2008*b*** ..... **Palaeogene**

424. *Mimetidion furca* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Nanomysmena* Petrunkevitch, 1958** ..... **Palaeogene**

425. *Nanomysmena aculeata* Petrunkevitch, 1958 ..... Pa Baltic amber
426. *Nanomysmena munita* Petrunkevitch, 1958 ..... Pa Baltic amber
427. *Nanomysmena palanga* Marusik & Penney, 2004 ..... Pa Baltic amber
428. *Nanomysmena petrunkevitchi* Marusik & Penney, 2004 ..... Pa Baltic amber
429. *Nanomysmena pseudogracilis* Marusik & Penney, 2004 ..... Pa Baltic amber

† ***Nanosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

430. *Nanosteatoda breviscutum* Wunderlich, 2008*b* ..... Pa Baltic amber
431. *Nanosteatoda trisetae* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Obscuropholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

432. *Obscuropholcomma tegens* Wunderlich, 2008*b** ..... Pa Baltic amber

***Phoroncidia* Westwood, 1835** ..... **Quaternary – Recent**

433. *Phoroncidia* ?*aculeata* Westwood, 1835 **[Recent]** ..... Qt Madagascan copal

† ***Praetereuryopis* Wunderlich, 2008*b*** ..... **Palaeogene**

434. *Praetereuryopis phoroncidoides* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Pronepos* Petrunkevitch, 1963** ..... **Neogene**

435. *Pronepos exilis* Petrunkevitch, 1963* ..... Ne Chiapas amber
436. *Pronepos fossilis* Petrunkevitch, 1963 ..... Ne Chiapas amber

† ***Protosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

437. *Protosteatoda gutta* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Pseudoteutana* Wunderlich, 2008*b*** ..... **Palaeogene**

438. *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**

439. *Rugopholcomma patellaris* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinisinus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

440. *Spinisinus parvioculi* Wunderlich, 2008*b* ..... Pa Baltic amber

441. *Spinisinus splendidus* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinitharinus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

442. *Spinitharinus bulbosus* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

443. *Spinitharinus cheliceratus* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

444. *Spinitharinus coniectens* Wunderlich, 2008*b* ..... Pa Baltic amber

445. *Spinitharinus curvatus* Wunderlich, 2008*b* ..... Pa Baltic amber

446. *Spinitharinus cymbioseta* Wunderlich, 2008*b* ..... Pa Baltic amber

Spinitharinus spp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

Spintharus **Hentz, 1850** ..... **Neogene – Recent**

447. *Spintharus longisoma* Wunderlich, 1988 ..... Ne Dominican amber

Steatoda **Sundevall, 1833** ..... **?Palaeogene – Recent**

448. '*Steatoda*' *anticus* (Berland, 1939) ..... Pa Baltic amber

Stemmops **O. P.-Cambridge, 1894** ..... **Neogene – Recent**

449. *Stemmops incertus* Wunderlich, 1988 ..... Ne Dominican amber

450. *Stemmops prominens* Wunderlich, 1988 ..... Ne Dominican amber

Styposis **Simon, 1894** ..... **Neogene – Recent**

451. *Styposis pholcoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Succinobertus*** **Wunderlich, 2008*b*** ..... **Palaeogene**

452. *Succinobertus adjacens* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Succinura*** **Wunderlich, 2008*b*** ..... **Palaeogene**

453. *Succinura aciesaeta* Wunderlich, 2008*b* ..... Pa Baltic amber

454. *Succinura bellavista* Wunderlich, 2008*b** ..... Pa Baltic amber

455. *Succinura circuita* Wunderlich, 2008*b* ..... Pa Baltic amber

456. *Succinura dubia* Wunderlich, 2008*b* ..... Pa Baltic amber

457. *Succinura fuscoruber* Wunderlich, 2008*b* ..... Pa Baltic amber

458. *Succinura ovalis* Wunderlich, 2008*b* ..... Pa Baltic amber

Succinura sp. *in* Wunderlich (2008b) ..... Pa Baltic amber

Theridion **Walckenaer, 1805** ..... **?Cretaceous – Recent**

459. '*Theridion*' *alutaceum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

460. *Theridion annulipes* Heer, 1865 ..... Ne Öhningen

461. *Theridion atalus* Chang, 2004 [both generic and familial assignment unreliable!] ..... K Jehol Biota

462. '*Theridion*' *berendti* Marusik & Penney, 2004 ..... Pa Baltic amber

i. = *Theridion globosa* C. L. Koch & Berendt, 1854 [preoccupied]

463. *Theridion bucklandi* Thorell, 1870*a* ..... Pa Aix-en-Provence

464. *Theridion contrarium* Wunderlich, 1988 ..... Ne Dominican amber

465. *Theridion crassipalpum* Berland, 1939 ..... Pa Aix-en-Provence
466. '*Theridion*' *detersum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
467. *Theridion erectoides* Wunderlich, 1988 ..... Ne Dominican amber
468. *Theridion erectum* Wunderlich, 1988 ..... Ne Dominican amber
469. '*Theridion*' *globosus* (Presl, 1822) ..... Pa Baltic amber
470. *Theridion globulus* Heer, 1865 ..... Ne Öhningen
471. '*Theridion*' *hirtum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
472. *Theridion inversum* Wunderlich, 1988 ..... Ne Dominican amber
473. *Theridion maculipes* Heer, 1865 ..... Ne Öhningen
474. '*Theridion*' *oblongum* (Presl, 1822) ..... Pa Baltic amber
475. '*Theridion*' *ovale* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
476. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
477. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
478. *Theridion variosoma* Wunderlich, 1988 ..... Ne Dominican amber
479. *Theridion wunderlichi* Penney, 2001 ..... Ne Dominican amber
    i. = *Theridion ovale* Wunderlich, 1988 [preoccupied]

† ***Thyelia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

480. *Thyelia anomala* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
481. *Thyelia convexa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
482. *Thyelia fossula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
483. *Thyelia marginata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
484. *Thyelia pallida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
485. *Thyelia scotina* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
486. *Thyelia tristis* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber
487. *Thyelia villosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Ulesanis* L. Koch, 1872** ..... **Palaeogene – Recent**

488. *Ulesanis antecessor* Wunderlich, 2008*b* ..... Pa Baltic Amber
489. *Ulesanis frontprocera* Wunderlich, 2008*b* ..... Pa Baltic Amber
490. *Ulesanis longicymbium* Wunderlich, 2008*b* ..... Pa Baltic Amber
491. *Ulesanis ovalis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
492. *Ulesanis parva* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

† ***Unispinatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

493. *Unispinatoda aculeata* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Vicipholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

494. *Vicipholcomma spiralis* Wunderlich, 2008*b** ..... Pa Baltic Amber

Theridiidae *incertae sedis*

495. '*Eomysmena*' *succini* (Petrunkevitch, 1942) ..... Pa Baltic amber
496. *'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

† ***Eocoddingtonia*** **Selden, 2010** ..... **Cretaceous**

497. *Eocoddingtonia eskovi* Selden, 2010* ..... K Baissa, Transbaikalia

† ***Eoepeirotypus*** **Wunderlich, 2004*j*** ..... **Palaeogene**

498. *Eoepeirotypus retrobulbus* Wunderlich, 2004*j** ..... Pa Baltic amber

Eoepeirotypus sp. *in* Wunderlich (2004) ..... Pa Bitterfeld amber

† ***Eotheridiosoma*** **Wunderlich, 2004*j*** ..... **Palaeogene**

499. ?*Eotheridiosoma hamatum* Wunderlich, 2011*e* ..... Pa Baltic amber

500. *Eotheridiosoma tuber* Wunderlich, 2004*j** ..... Pa Bitterfeld amber

501. *Eotheridiosoma volutum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

† ***Palaeoepeirotypus*** **Wunderlich, 1988** ..... **Neogene**

502. *Palaeoepeirotypus iuvenis* Wunderlich, 1988* ..... Ne Dominican amber

503. *Palaeoepeirotypus iuvenoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Spinitheridiosoma*** **Wunderlich, 2004*j*** ..... **Palaeogene**

NB: type species designated from the wrong genus!

504. *Spinitheridiosoma balticum* Wunderlich, 2004*j* ..... Pa Baltic amber

505. *Spinitheridiosoma bispinosum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

506. *Spinitheridiosoma rima* Wunderlich, 2004*j* ..... Pa Baltic amber

Theridiosoma **O. P.-Cambridge, 1879*b*** ..... **Neogene – Recent**

507. *Theridiosoma incompletum* Wunderlich, 1988 ..... Ne Dominican amber

† ***Umerosoma*** **Wunderlich, *2004j*** ..... **Palaeogene**

508. *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**

509. *Balticonopsis bispina* Wunderlich, 2004*k* ..... Pa Baltic amber

510. *Balticonopsis bitterfeldensis* Wunderlich, 2004*k* ..... Pa Bitterfeld amber

511. *Balticonopsis bulbosa* Wunderlich, 2004*k* ..... Pa Baltic amber

512. *Balticonopsis ceranowiczae* Wunderlich, 2004*k* ..... Pa Baltic amber

513. *Balticonopsis holti* Wunderlich, 2004*k** ..... Pa Baltic amber

514. *Balticonopsis perkovskyi* Wunderlich, 2004*ar* ..... Pa Rovno amber

515. *Balticonopsis thomasi* Wunderlich, 2004*k* ..... Pa Baltic amber

Balticonopsis sp. *in* Wunderlich (2004*k*) ..... Pa Baltic amber

† ***Dubianapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

516. *Dubianapis obscura* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Flagellanapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

517. *Flagellanapis voigti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Fossilanapis*** **Wunderlich, 2004*k*** ..... **Palaeogene**

518. *Fossilanapis anderseri* Wunderlich, 2004*k* ..... Pa Baltic amber
519. *Fossilanapis baetcheri* Wunderlich, 2004*k** ..... Pa Baltic amber
520. *Fossilanapis eichmanni* Wunderlich, 2004*k* ..... Pa Baltic amber
521. *Fossilanapis flexiotarsus* Wunderlich, 2004*k* ..... Pa Baltic amber
522. *Fossilanapis multispinae* Wunderlich, 2011*h* ..... Pa Baltic amber
523. *Fossilanapis saltans* Wunderlich, 2004*k* ..... Pa Baltic amber
524. *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**

525. *Palaeoanapis nana* Wunderlich, 1988* ..... Ne Dominican amber

† ***Ruganapis* Wunderlich, 2004*k*** ..... **Palaeogene**

526. *Ruganapis scutata* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Saxonanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

527. *Saxonanapis grabenhorsti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Tuberanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

528. *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*]

529. *Balticoroma damzeni* Wunderlich, 2011*h* ..... Pa Baltic amber
530. *Balticoroma ernstorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber
531. *Balticoroma gracilipes* Wunderlich 2004*k* ..... Pa Baltic/Bitt. amber
532. *Balticoroma reschi* Wunderlich, 2004*k** ..... Pa Baltic amber
533. *Balticoroma serafinorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber
534. *Balticoroma tibialis* Wunderlich, 2004*k* ..... Pa Baltic amber
535. *Balticoroma wheateri* Penney & Marusik, 2011 *in* Penney *et al* ..... Pa Baltic amber

MYSMENIDAE Petrunkevitch, 1928 ..... **Palaeogene – Recent**

Mysmeninae sp. *in* Wunderlich (2004*ar*) ..... Pa Rovno amber

† ***Dominicanopsis* Wunderlich, 2004*k*** ..... **Neogene**

536. *Dominicanopsis grimaldii* Wunderlich, 2004*k** ..... Ne Dominican amber

† ***Eomysmenopsis* Wunderlich, 2004*k*** ..... **Palaeogene**

537. *Eomysmenopsis spinipes* Wunderlich, 2004*k** ..... Pa Baltic / Bitt. Amber

***Mysmena* Simon, 1894** ..... **Palaeogene – Recent**

538. *Mysmena* (s.l.) *copalis* Wunderlich, 2011*f* ..... Qt Madagascan copal
539. *Mysmena curvata* Wunderlich, 2011*h* ..... Pa Baltic amber
540. *Mysmena dominicana* Wunderlich, 1998 ..... Qt Madagascan copal
541. *Mysmena fossilis* Petrunkevitch, 1971 ..... Ne Chiapas amber
542. *Mysmena groehni* Wunderlich, 2004*k* ..... Pa Baltic / Bitt. amber

543. *Mysmena grotae* Wunderlich, 2004*k* ..... Pa Baltic amber

Mysmenopsis* Simon, 1897*b ..... **Neogene – Recent**

544. *Mysmenopsis lissycoleyae* Penney, 2000 ..... Ne Dominican amber

† ***Palaeomysmena* Wunderlich, 2004*k*** ..... **Palaeogene**

545. *Palaeomysmena hoffeinsorum* Wunderlich, 2004*k** ..... Pa Baltic amber

† **BALTSUCCINIDAE Wunderlich, 2004*l*** ..... **Palaeogene**

† ***Baltsuccinus* Wunderlich, 2004*l*** ..... **Palaeogene**

546. *Baltsuccinus flagellaceus* Wunderlich, 2004*l** ..... Pa Baltic amber

547. *Baltsuccinus similis* Wunderlich, 2004*l* ..... Pa Baltic amber

† **PROTHERIDIIDAE Wunderlich, 2004*l*** ..... **Cretaceous – Palaeo.**

† ***Praetheridion* Wunderlich, 2004*l*** ..... **Palaeogene**

548. *Praetheridion fleissneri* Wunderlich, 2004*l** ..... Pa Baltic amber

† ***Protheridion* Wunderlich, 2004*l*** ..... **Palaeogene**

549. *Protheridion bitterfeldensis* Wunderlich, 2004*l* ..... Pa Bitterfeld amber

550. *Protheridion detritus* Wunderlich, 2004*l* ..... Pa Baltic amber

551. *Protheridion obscurum* Wunderlich, 2004*l* ..... Pa Baltic amber

552. *Protheridion punctatum* Wunderlich, 2004*l* ..... Pa Baltic amber

553. *Protheridion tibialis* Wunderlich, 2004*l** ..... Pa Baltic amber

† ***Zarqaraneus* Wunderlich, 2008*d*** ..... **Cretaceous**

554. *Zarqaraneus hudae* Wunderlich, 2008*d** ..... K Jordanian amber

SYNAPHRIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

† ***Iardinidis* Wunderlich 2004*k*** ..... **Palaeogene**

555. *Iardinidis brevipes* Wunderlich, 2004*k** ..... Pa Baltic amber

PIMOIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

***Pimoa* Chamberlin & Ivie, 1943** ..... **Palaeogene – Recent**

556. *Pimoa expandens* Wunderlich, 2004*r* ..... Pa Baltic amber

557. *Pimoa (Eopimoa) hormigai* Wunderlich, 2004*r* ..... Pa Baltic amber

558. *Pimoa inopinata* Wunderlich, 2004*r* ..... Pa Baltic amber

559. *Pimoa liedtkei* Wunderlich, 2004*r* ..... Pa Baltic amber

560. *Pimoa lingua* Wunderlich, 2004*r* ..... Pa Baltic amber

561. *Pimoa (Eopimoa) longiscapus* Wunderlich, 2008*a* ..... Pa Baltic amber

562. *Pimoa multicuspuli* Wunderlich, 2004*r* ..... Pa Baltic amber

563. *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**

564. *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* 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

† ***Agynetiphantes* Wunderlich, 2004*s*** ..... **Palaeogene**

565. *Agynetiphantes gibbiferus* Wunderlich, 2004*s** ..... Pa Baltic amber

***Ceratinopsis* Emerton, 1882** ..... **Quaternary – Recent**

566. *Ceratinopsis deformans* (Wunderlich, 1998) ..... Qt Madagascan copal

Cnephalocotes* Simon, 1884*c ..... **Quaternary – Recent**

567. *Cnephalocotes obscurus* (Blackwall, 1834*b*) **[Recent]** ..... Qt England

† ***Custodela* Petrunkevitch, 1942** ..... **Palaeogene**

= † *Obnisus* Petrunkevitch, 1942 [tenative synonomy]

568. *Custodela acuta* Wunderlich, 2004*s* ..... Pa Baltic amber

569. *Custodela acutula* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

570. *Custodela bispina* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

571. *Custodela bispinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

572. *Custodela cheiracantha* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

573. *Custodela clava* Wunderlich, 2004*s* ..... Pa Baltic amber

574. *Custodela curva* Wunderlich, 2004*s* ..... Pa Baltic amber

575. *Custodela curvata* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

576. *Custodela divergens* Wunderlich, 2004*s* ..... Pa Baltic amber

577. *Custodela expandens* Wunderlich, 2004*s* ..... Pa Baltic amber

578. *Custodela falcata* Wunderlich, 2004*s* ..... Pa Baltic amber

579. *Custodela femurspinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

580. *Custodela henningseni* Wunderlich, 2004*s* ..... Pa Baltic amber

581. *Custodela kochi* Wunderlich, 2004*s* ..... Pa Baltic amber

582. *Custodela lamellata* (Wunderlich, 1988) ..... Pa Baltic amber

583. *Custodela lanx* Wunderlich, 2004*s* ..... Pa Baltic amber

584. *Custodela oblonga* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

585. *Custodela obtusa* Wunderlich, 2004*s* ..... Pa Baltic amber

586. ?*Custodela parva* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

587. *Custodela pseudokochi* Wunderlich, 2004*s* ..... Pa Baltic amber

588. *Custodela stridulans* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

589. *Custodela tenuipes* (Petrunkevitch, 1942) ..... Pa Baltic amber

590. *Custodela tibialis* Wunderlich, 2004*s* ..... Pa Baltic amber

Custodela sp. *in* Wunderlich (2004*s*) ..... Pa Bitterfeld amber

† ***Custodelela* Wunderlich, 2004s** ..... **Palaeogene**

591. *Custodelela hamata* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

† ***Eolabulla* Wunderlich, 2004s** ..... **Palaeogene**

592. *Eolabulla falcata* Wunderlich, 2004*s* ..... Pa Baltic amber

593. *Eolabulla gladiformis* Wunderlich, 2004*s* ..... Pa Baltic amber

594. *Eolabulla laminata* Wunderlich, 2004*s** ..... Pa Baltic amber

595. *Eolabulla perforata* Wunderlich, 2004*s* ..... Pa Baltic amber

596. *Eolabulla sagitta* Wunderlich, 2004*s* ..... Pa Baltic amber

597. *Eolabulla similis* Wunderlich, 2004*s* ..... Pa Baltic amber

Eolabulla sp. 1–2 *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Eophantes* Wunderlich, 2004s** ..... **Palaeogene**

598. *Eophantes complicatus* Wunderlich, 2004*s** ..... Pa Baltic amber

***Erigone* Audouin, 1826** ..... **Neogene – Recent**

Erigone sp. *in* Hopkins *et al*. (1976) ..... Qt Alaska

599. *Erigone atra* Blackwall, 1833 **[Recent]** ..... Qt England

600. ?*Erigone dechenii* Bertkau, 1878*b* ..... Ne Rott, Germany

***Floricomus* Crosby & Bishop, 1925** ..... **Neogene – Recent**

601. *Floricomus fossilis* Penney, 2005*c* ..... Ne Dominican amber

***Gonatium* Menge, 1868** ..... **Quaternary – Recent**

602. *Gonatium rubens* (Blackwall, 1833) **[Recent]** ..... Qt England

***Hypselistes* Simon, 1894** ..... **Quaternary – Recent**

603. *Hypselistes jacksoni* (O. P.-Cambridge, 1902) **[Recent]** ..... Qt England

Linyphia* Latreille, 1804*a ..... **Palaeogene – Recent**

604. *Linyphia andraei* Bertkau, 1878*b* ..... Ne Rott, Germany

605. *Linyphia byrami* Cockerell, 1925 ..... Pa Green River

606. *Linyphia florissanti* Petrunkevitch, 1922 ..... Pa Florissant

607. *Linyphia pachygnathoides* Petrunkevitch, 1922 ..... Pa Florissant

608. *Linyphia quievreuxi* Berland, 1939 ..... Pa Aix-en-Provence

609. *Linyphia retensa* Scudder, 1890*a* ..... Pa Florissant

610. *Linyphia rottensis* Bertkau, 1878*b* ..... Ne Rott, Germany

611. *Linyphia seclusa* (Scudder, 1890*a*) ..... Pa Florissant

† ***Malepellis* Petrunkevitch, 1971** ..... **Neogene**

612. *Malepellis extincta* Petrunkevitch, 1971* ..... Ne Chiapas amber

***Meioneta* Hull, 1920** ..... **Neogene – Recent**

613. *Meioneta bigibber* (Wunderlich, 1988) ..... Ne Dominican amber

614. *Meioneta fastigata* (Wunderlich, 1988) ..... Ne Dominican amber

615. *Meioneta separata* (Wunderlich, 1988) ..... Ne Dominican amber

Meioneta sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Micryphantes* C. L. Koch, 1833** ..... **Palaeogene**

616. *Micryphantes molybdinus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

617. *Micryphantes regularis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mystagogus* Petrunkevitch, 1942** ...[Wunderlich suggests possibly in Cyatholipidae] **Palaeogene**

618. *Mystagogus dubius* Petrunkevitch, 1958 ..... Pa Baltic amber

619. *Mystagogus glaber* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Paralabulla* Wunderlich, 2004*s*** ..... **Palaeogene**

620. *Paralabulla bitterfeldensis* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

621. ?*Paralabulla dubia* Wunderlich, 2004*s* ..... Pa Baltic amber

622. *Paralabulla succinifera* Wunderlich, 2004*s* ..... Pa Baltic amber

Paralabulla sp. *in* Wunderlich (2004*s*) ..... Pa Bitterfeld amber

Pocadicnemis* Simon, 1884*c ..... **Quaternary – Recent**

623. *Pocadicnemis pumila* (Blackwall, 1841) **[Recent]** ..... Qt England

***Savignia* Blackwall, 1833** ..... **Quaternary – Recent**

624. *Savignia frontata* Blackwall, 1833 **[Recent]** ..... Qt England

***Selenyphantes* Gertsch & Davis, 1946** ..... **Neogene – Recent**

= † *Palaeolinyphia* Wunderlich, 1986

625. *Selenyphantes flagellifera* (Wunderlich, 1986) ..... Ne Dominican amber

† ***Succineta* Wunderlich, 2004*s*** ..... **Palaeogene**

626. *Succineta brevispina* Wunderlich, 2004*s* ..... Pa Baltic amber

627. *Succineta discoidalis* Wunderlich, 2004*s** ..... Pa Baltic amber

Succineta sp. *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Succiphantes* Wunderlich, 2004*s*** ..... **Palaeogene**

628. *Succiphantes tanasevitchi* Wunderlich, 2004*s* ..... Pa Baltic amber

629. *Succiphantes velteni* Wunderlich, 2004*s** ..... Pa Baltic amber

***Toschia* Caporiacco, 1949** ..... **Quaternary – Recent**

630. ?*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**

631. *Anameta distenda* Wunderlich, 2004*h** ..... Pa Bitterfeld amber

632. *Anameta kuntneri* Wunderlich, 2008*a* ..... Pa Baltic amber

***Azilia* Keyserling, 1882** ..... **Neogene – Recent**

633. *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**

634. *Balticgnatha projectens* Wunderlich 2011*h** ..... Pa Baltic amber

† ***Baltleucauge* Wunderlich, 2008*a*** ..... **Palaeogene**

635. *Baltleucauge gillespiae* Wunderlich 2008*a** ..... Pa Baltic amber

† ***Corneometa*** **Wunderlich, 2004*h*** ..... **Palaeogene**

636. *Corneometa baltica* Wunderlich 2004*h** ..... Pa Baltic amber

637. *Corneometa pilosipes* Wunderlich 2004*h* ..... Pa Baltic amber

Cyrtognatha **Keyserling, 1882** ..... **Neogene – Recent**

638. *Cyrtognatha weitschati* Wunderlich, 1988 ..... Ne Dominican amber

† ***Eometa*** **Petrunkevitch, 1958** ..... **Palaeogene**

639. *Eometa calefacta* Wunderlich, 2004*h* ..... Pa Baltic amber

640. *Eometa longipes* Petrunkevitch, 1958 ..... Pa Baltic amber

641. *Eometa occulta* Wunderlich, 2004*h* ..... Pa Baltic amber

642. *Eometa perfecta* Wunderlich, 2004*h* ..... Pa Baltic amber

643. *Eometa samlandica* Petrunkevitch, 1958* ..... Pa Baltic amber

Eometa sp. 1–2 *in* Wunderlich (2004*h*) ..... Pa Baltic amber

Homalometa **Simon, 1897*b*** ..... **Neogene – Recent**

644. *Homalometa fossilis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Huergina*** **Selden & Penney, 2003** ..... **Cretaceous**

645. *Huergina diazromerali* Selden & Penney, 2003* ..... K Las Hoyas, Spain

† ***Macryphantes*** **Selden, 1990** ..... **Cretaceous**

646. *Macryphantes cowdeni* Selden, 1990* ..... K Sierra de Montsech

Meta **C. L. Koch, 1836** ..... **Palaeogene – Recent**

647. *Meta (Praetermeta) maculosa* Wunderlich, 2008*a* ..... Pa Baltic amber

648. *Meta (Praetermeta) velans* (Wunderlich, 2004*h)* ..... Pa Baltic amber

† ***Palaeometa*** **Petrunkevitch, 1922** ..... **Palaeogene**

649. *Palaeometa opertanea* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Palaeopachygnatha*** **Petrunkevitch, 1922** ..... **Palaeogene**

650. *Palaeopachygnatha cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

651. *Palaeopachygnatha scudderi* Petrunkevitch, 1922* ..... Pa Florissant

† ***Priscometa*** **Petrunkevitch, 1958** ..... **Palaeogene**

652. *Priscometa capta* Wunderlich, 2004*h* ..... Pa Baltic amber

653. *Priscometa minor* Wunderlich, 2004*h* ..... Pa Baltic amber

654. *Priscometa tenuipes* Petrunkevitch, 1958* ..... Pa Baltic amber

Tetragnatha **Latreille, 1804*a*** ..... **Palaeogene – Recent**

655. *Tetragnatha parva* (Hong, 1985) ..... Ne Shanwang

656. *Tetragnatha pristina* Schawaller, 1982*c* ..... Ne Dominican amber

657. *Tetragnatha tertiaria* Scudder, 1885 ..... Pa Florissant

NEPHILIDAE Simon, 1894 ..... **Jurassic – Recent**

† ***Cretaraneus*** **Selden, 1990** ..... **Cretaceous**

658. *Cretaraneus liaoningensis* Cheng, Meng & Wang *in* Cheng *et al*., 2008 ..... K Jehol biota

659. *Cretaraneus martensnetoi* Mesquita, 1996 ..... K Crato Formation

660. *Cretaraneus vilaltae* Selden, 1990* ..... K Sierra de Montsech

† ***Eonephila*** **Wunderlich, 2004*i*** ..... **Palaeogene**

661. *Eonephila bitterfeldensis* Wunderlich, 2004*i* ..... Pa Bitterfeld amber

662. *Eonephila excellens* Wunderlich, 2004*i** ..... Pa Baltic amber

663. *Eonephila longembolus* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Luxurionephila*** **Wunderlich, 2004*i*** ..... **Palaeogene**

664. *Luxurionephila spinifera* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Minutunguis*** **Wunderlich, 2011*f*** ..... **Quaternary**

665. *Minutunguis silvestris* Wunderlich, 2011*f** ..... Qt Madagascar copal

Nephila **Leach, 1815** ..... **Jurassic – Recent**

666. *Nephila breviembolus* Wunderlich, 1986 ..... Ne Dominican amber

667. *Nephila dommeli* Wunderlich, 1982 ..... Ne Dominican amber

668. *Nephila furca* Wunderlich, 1986 ..... Ne Dominican amber

669. *Nephila longembolus* Wunderlich, 1986 ..... Ne Dominican amber

670. *Nephila jurassica* Selden, Shih & Ren, 2011 ..... J Daohugou

671. *Nephila pennatipes* Scudder, 1885 ..... Pa Florissant

672. *Nephila tenuis* Wunderlich, 1986 ..... Ne Dominican amber

† ***Palaeonephila*** **Wunderlich, 2004*i*** ..... **Palaeogene**

673. *Palaeonephila brevis* Wunderlich, 2004*i* ..... Pa Baltic amber

674. *Palaeonephila curvata* Wunderlich, 2004*i** ..... Pa Baltic amber

675. *Palaeonephila dilitans* Wunderlich, 2004*i* ..... Pa Baltic amber

676. *Palaeonephila fibula* Wunderlich, 2004*i* ..... Pa Baltic amber

677. *Palaeonephila longipes* Wunderlich, 2004*i* ..... Pa Baltic amber

† **JURARANEIDAE Eskov, 1984** ..... **Jurassic**

† ***Juraraneus*** **Eskov, 1984** ..... **Jurassic**

678. *Juraraneus rasnitsyni* Eskov, 1984 ..... J Transbaikalia

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

† ***Anepeira*** **Wunderlich, 2004*i*** ..... **Palaeogene**

679. *Anepeira complicata* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Araneometa*** **Wunderlich, 1988** ..... **Neogene**

680. *Araneometa excelsa* Wunderlich, 1988 ..... Ne Dominican amber

681. *Araneometa herrlingi* Wunderlich, 1988* ..... Ne Dominican amber

682. *Araneometa spirembolus* Wunderlich, 1988 ..... Ne Dominican amber

Araneometa sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Araneus **Clerck, 1757** ..... **?Cretaceous – Recent**

683. *Araneus absconditus* (Scudder, 1890*a*) ..... Pa Florissant
684. *Araneus aethus* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota
685. *Araneus beipiaoensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota
686. *Araneus carbonaceous* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
687. *Araneus cinefactus* (Scudder, 1890*a*) ..... Pa Florissant
688. *Araneus columbiae* Scudder, 1878 ..... Pa Quesnel, Canada
689. *Araneus defunctus* Petrunkevitch, 1958 ..... Pa Baltic amber
690. *Araneus delitus* (Scudder, 1890*a*) ..... Pa Florissant
691. *Araneus emertoni* (Scudder, 1890*a*) ..... Pa Florissant
692. *Araneus exustus* Petrunkevitch, 1963 ..... Ne Chiapas amber
693. *Araneus kinchloeae* Dunlop & Jekel, 2009 ..... Pa Florissant
    i. = *Araneus indistinctus* (Petrunkevitch, 1922) [preoccupied]
694. *Araneus inelegans* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
695. *Araneus leptopodus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
696. *Araneus liaoxiensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota
697. *Araneus longimanus* (Petrunkevitch, 1922) ..... Pa Florissant
698. *Araneus (Calinurus) longipes* Dalman, 1826 ..... Qt Copal
699. *Araneus luianus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
700. *Araneus meeki* (Scudder, 1890*a*) ..... Pa Florissant
701. *Araneus molassicus* (Heer, 1865) ..... Ne Öhningen
702. *Araneus nanus* Wunderlich, 1988 ..... Ne Dominican amber
703. *Araneus piceus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang
704. *Araneus reheensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota
705. *Araneus ruidipedalis* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
706. *Araneus troschelii* (Bertkau, 1878*b*) ..... Ne Rott, Germany
707. *Araneus vulcanalis* (Scudder, 1890*a*) ..... Pa Florissant

Argiope **Audouin, 1826** ..... **Neogene – Recent**

= † *Magnaranea* Hong, 1985

708. *Argiope furva* (Hong, 1985) ..... Ne Shanwang

† ***Bararaneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

709. ?*Bararaneus annulatus* Wunderlich, 2004*i* ..... Pa Baltic amber
710. *Bararaneus evolvens* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Chrysometata*** **Wunderlich, 2004*h*** ..... **Palaeogene**

711. *Chrysometata palaearctica* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Cyclososoma*** **Petrunkevitch, 1958** ..... **Palaeogene**

712. *Cyclososoma succini* Petrunkevitch, 1958* ..... Pa Baltic amber

Enacrosoma **Mello-Leitão, 1932** ..... **Neogene – Recent**

713. *Enacrosoma verrucosa* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eoaraneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

714. *Eoaraneus complexus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Eochorizopes*** **Wunderlich, 2008*a*** ..... **Palaeogene**

715. *Eochorizopes szeklinskiae* Wunderlich, 2008*a** ..... Pa Baltic amber

† ***Eozygiella*** **Wunderlich, 2004*h*** ..... **Palaeogene**

716. *Eozygiella compacta* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Fossilaraneus*** **Wunderlich, 1988** ..... **Neogene**

717. *Fossilaraneus incertus* Wunderlich, 1988* ..... Ne Dominican amber

Gea **C. L. Koch, 1843a** ..... **Palaeogene – Recent**

718. *Gea krantzi* von Heyden, 1859 ..... Ne Rott, Germany

† ***Graea*** **Thorell, 1869** ..... **Palaeogene**

= † *Eustaloides* Petrunkevitch, 1942

719. ?*Graea aberrans* Wunderlich, 2004*h* ..... Pa Baltic amber

720. *Graea bitterfeldensis* Wunderlich, 2004*h* ..... Pa Bitterfeld amber

721. *Graea breviembolus* Wunderlich, 2004*h* ..... Pa Baltic amber

722. *Graea brevis* Wunderlich, 2004*h* ..... Pa Baltic amber

723. *Graea calceatus* (Petrunkevitch, 1950) ..... Pa Baltic amber

724. *Graea epeiroidea* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

725. *Graea impudica* Wunderlich, 2004*h* ..... Pa Baltic amber

726. *Graea lingula* Wunderlich, 2004*h* ..... Pa Baltic amber

727. *Graea minor* (Petrunkevitch, 1950) ..... Pa Baltic amber

728. *Graea setosa* (Petrunkevitch, 1942) ..... Pa Baltic amber

729. *Graea succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Meditrina*** **Petrunkevitch, 1942** ..... **Palaeogene**

730. *Meditrina circumvallata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mesozygiella*** **Penney & Ortuño, 2006** ..... **Cretaceous**

731. *Mesozygiella dunlopi* Penney & Ortuño, 2006* ..... K Álava amber

† ***Miraraneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

732. *Miraraneus peregrinus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Mirometa*** **Petrunkevitch, 1963** ..... **Neogene**

733. *Mirometa valdespinosa* Petrunkevitch, 1963 ..... Ne Chiapas amber

Molinaranea **Mello-Leitão, 1940** ..... **Neogene – Recent**

734. *Molinaranea mitnickii* Saupe, Selden & Penney, 2010 ..... Ne Dominican amber

† ***Pycnosinga*** **Wunderlich, 1988** ..... **Neogene**

735. *Pycnosinga fossilis* Wunderlich, 1988* ..... Ne Dominican amber

† ***Testudinaroides*** **Dunlop & Jekel, 2008** ..... **Neogene**

= † *Testudinaria* Zhang, Sun & Zhang, 1994 [preoccupied]

736. *Testudinaroides papposa* (Zhang, Sun & Zhang, 1994) ..... Ne Shanwang

† ***Tethneus*** **Scudder, 1885** ..... **Palaeogene**

= † *Melanites* Hong, 1985

737. *Tethneus guyoti* Scudder, 1890*a* ..... Pa Florissant

738. *Tethneus hentzi* Scudder, 1885* ..... Pa Florissant

739. *Tethneus obduratus* Scudder, 1890*a* ..... Pa Florissant

740. *Tethneus orbiculatus* (Hong, 1985) ..... Ne Shanwang
741. *Tethneus provectus* Scudder, 1890*a* ..... Pa Florissant
742. *Tethneus robustus* Petrunkevitch, 1922 ..... Pa Florissant
743. *Tethneus twenhofeli* Petrunkevitch, 1922 ..... Pa Florissant

***Zilla* C. L. Koch, 1834** ..... **Palaeogene – Recent**

744. *Zilla gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
745. *Zilla porrecta* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
746. *Zilla veterana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

RETROLATERAL TIBIAL APOPHYSIS CLADE ..... **Cretaceous – Recent**

?RTA-clade *in* Wunderlich (2008*d*) ..... K Myanmar amber

LYCOSOIDEA Sundevall, 1833 ..... **Cretaceous – Recent**

† ***Eohalinobius* Wunderlich, 2008*c*** ..... **Palaeogene**

747. *Eohalinobius scutatus* Wunderlich, 2008*c* ..... Pa Baltic amber

LYCOSIDAE Sundevall, 1833 ..... **Palaeogene – 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

***Alopecosa* Simon, 1885b** ..... **Quaternary – Recent**

748. *Alopecosa* ?*pulverulenta* (Clerck, 1757) **[Recent]** ..... Qt England

† ***Dryadia* Zhang, Sun & Zhang, 1994** ..... **Palaeogene**

749. *Dryadia acanthopoda* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Lycosa* Latreille, 1804a** ..... **Palaeogene – Recent**

750. *Lycosa florissanti* Petrunkevitch, 1922 ..... Pa Florissant
751. *Lycosa lithographica* Schawaller & Ono, 1979 ..... Ne Randecker Maar
752. *Lycosa malleata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
753. *Lycosa miocaena* Schawaller & Ono, 1979 ..... Ne Randecker Maar
754. *Lycosa subterranea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Pardosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

755. *Pardosa pullata* (Clerck, 1757) **[Recent]** ..... Qt England

Pardosa sp. *in* Scott (2003) ..... Qt England

***Pirata* Sundevall, 1833** ..... **Quaternary – Recent**

756. *Pirata* ?*piraticus* (Clerck, 1757) **[Recent]** ..... Qt England

***Trochosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

757. *Trochosa terricola* Thorell, 1856 **[Recent]** ..... Qt England

† **PARATTIDAE Petrunkevitch, 1922** ..... **Palaeogene**

† ***Parattus* Petrunkevitch, 1922** ..... **Palaeogene**

758. *Parattus evocatus* (Scudder, 1890*a*) ..... Pa Florissant
759. *Parattus latitatus* (Scudder, 1890*a*) ..... Pa Florissant
760. *Parattus oculatus* Petrunkevitch, 1922 ..... Pa Florissant

761. *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**

762. *Eotrechalea annulata* Wunderlich, 2004*aa** ..... Pa Baltic amber

† ***Esuritor* Petrunkevitch, 1942** ..... **Palaeogene**

763. *Esuritor aculeatus* Petrunkevitch, 1958 ..... Pa Baltic amber

764. *Esuritor spinipes* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Linoptes* Menge, 1854** ..... **Palaeogene**

765. ?'*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 ..... **?Cretaceous – 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**

766. *Dolomedes fimbriatus* (Clerck, 1757) **[Recent]** ..... Qt England

† '***Linoptes***' **Menge, 1854** ..... **Palaeogene**

= † *Eopisaurella* Petrunkevitch, 1958

NB: See notes on *Linoptes* under Trechaleidae above!

767. ?*'Linoptes' valdespinosa* (Petrunkevitch, 1958)* ..... Pa Baltic amber

?*'Linoptes'* sp. 1–8 *in* Wunderlich (2004*z*) ..... Pa Baltic amber

† *Palaeoperenethis* Selden & Penney, 2009 ..... **Palaeogene**

768. *Palaeoperenethis thaleri* Selden & Penney, 2009* ..... Pa British Columbia

Pisaura* Simon 1885*c ..... **?Cretaceous – Recent**

Pisaura sp. *in* Kim & Nam (2008) [generic assignment unreliable!] ..... K Goo-ho Li, Korea

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**

769. *Oxyopes defectus* Wunderlich, 1988 ..... Ne Dominican amber

770. '*Oxyopes*' *succini* Petrunkevitch, 1958 ..... Pa Baltic amber

Oxyopes sp. *in* Wunderlich (1988, 2004*ab*) ..... Ne Dominican amber

† ***Planoxyopes* Petrunkevitch, 1963** ..... **Neogene**

771. *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**

772. *Eomatachia barbarus* Wunderlich, 2004*x* ..... Pa Baltic amber

773. *Eomatachia bipartita* Wunderlich, 2004*x* ..... Pa Baltic amber

774. *Eomatachia divergens* Wunderlich, 2004*x* ..... Pa Baltic amber

775. *Eomatachia duplex* Wunderlich, 2004*x* ..... Pa Baltic amber

776. *Eomatachia latifrons* Petrunkevitch, 1942* ..... Pa Baltic amber

777. *Eomatachia recedens* Wunderlich, 2004*x* ..... Pa Baltic amber

778. *Eomatachia succini* (Petrunkevitch, 1942) ..... Pa Baltic amber

779. *Eomatachia wegneri* Wunderlich, 2004*x* ..... Pa Baltic amber

780. *Eomatachia xanthippe* Wunderlich, 2004*x* ..... Pa Baltic amber

† ***Eoprychia* Petrunkevitch, 1958** ..... **Palaeogene**

781. *Eoprychia succini* Petrunkevitch, 1958* ..... Pa Baltic amber

782. *Eoprychia succinopsis* Wunderlich, 2004*x* ..... Pa Baltic amber

783. *Eoprychia vicina* Wunderlich, 2004*x* ..... Pa Baltic amber

Eoprychia sp. *in* Wunderlich (2004*x*) ..... ?Pa not specified

† ***Succiniropsis* Wunderlich, 2004x** ..... **Palaeogene**

784. *Succiniropsis kutscheri* Wunderlich, 2004*x** ..... Pa Baltic / Bitt. amber

785. *Succiniropsis samlandica* Wunderlich, 2004*x* ..... Pa Baltic amber

† **INSECUTORIDAE Petrunkevitch, 1942** ..... **Palaeogene**

† ***Insecutor* Petrunkevitch, 1942** ..... **Palaeogene**

786. *Insecutor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

787. *Insecutor mandibulatus* Petrunkevitch, 1942 ..... Pa Baltic amber

788. ?*Insecutor pecten* Wunderlich, 2004*y* ..... Pa Baltic amber

789. *Insecutor rufus* Petrunkevitch, 1942 ..... Pa Baltic amber
790. ?*Insecutor spinifer* Wunderlich, 2004*y* ..... Pa Baltic amber
?*Insecutor* sp. *in* Wunderlich (2004*y*) ..... Pa Baltic amber

ZORIDAE F. O. P.-Cambridge, 1893 ..... **Palaeogene – Recent**
† ***Succinomus* Wunderlich, 2008*c*** ..... **Palaeogene**
791. *Succinomus duomammillae* Wunderlich, 2008*c* ..... Pa Baltic amber
† ***Zorapostenus* Wunderlich, 2008*c*** ..... **Palaeogene**
792. *Zorapostenus raveni* Wunderlich, 2008*c* ..... Pa Baltic amber

CTENIDAE Keyserling, 1877 ..... **Neogene – Recent**
= ACANTHOCTENIDAE Simon, 1892*b*
† ***Nanoctenus* Wunderlich, 1988** ..... **Neogene**
793. *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**
794. *Agelena tabida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
***Histopona* Thorell, 1869** ..... **Palaeogene – Recent**
795. ?*Histopona anthracina* Bertkau, 1878*b* ..... Ne Rott, Germany
† ***Inceptor* Petrunkevitch, 1942** ..... **Palaeogene**
796. *Inceptor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber
797. *Inceptor dubius* Petrunkevitch, 1946 ..... Pa Baltic amber
Tegenaria* Latreille, 1804*a ..... **Palaeogene – Recent**
798. ?*Tegenaria fragmentum* Wunderlich, 2004*w* ..... Pa Baltic amber
799. *Tegenaria lacazei* Gourret, 1887 ..... Pa Aix-en-Provence
800. ?*Tegenaria obtusa* Wunderlich, 2004*w* ..... Pa Baltic amber
801. *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**
802. *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**
803. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** ..... Qt England
804. ?*Argyroneta longipes* Heer, 1865 ..... Ne Öhningen
† ***Vectaraneus* Selden, 2001** ..... **Palaeogene**

805. *Vectaraneus yulei* Selden, 2001* ..... Pa Bembridge Marls

DESIDAE Pocock, 1895 ..... **Palaeogene – Recent**

***Myro* O. P.-Cambridge, 1876** ..... **Palaeogene – Recent**

806. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]..... Pa Baltic amber

807. *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**

808. *Cymbiohahnia parens* Wunderlich, 2004*v* ..... Pa Baltic / Bitt. amber

† ***Eohahnia* Petrunkevitch, 1958** ..... **Palaeogene**

809. *Eohahnia succini* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Protohahnia* Wunderlich, 2004v** ..... **Palaeogene**

810. *Protohahnia antiqua* Wunderlich, 2004*v** ..... Pa Baltic amber

811. *Protohahnia tripartita* Wunderlich, 2004*v* ..... Pa Baltic amber

genus uncertain

812. '*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 Myanmar amber

***Argenna* Thorell, 1870a** ..... **Neogene – Recent**

813. *Argenna fossilis* Petrunkevitch *in* Palmer, 1957 ..... Ne Mojave Desert

† ***Arthrodictyna* Petrunkevitch, 1942** ..... **Palaeogene**

814. *Arthrodictyna segmentata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Balticocryphoeca* Wunderlich, 2004v** ..... **Palaeogene**

815. *Balticocryphoeca curvitarsis* Wunderlich, 2004*v** ..... Pa Baltic / Bitt. amber

† ***Brommellina* Wunderlich, 2004v** ..... **Palaeogene**

816. *Brommellina longungulae* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Burmadictyna* Wunderlich, 2008*d*** ..... **Cretaceous**

817. *Burmadictyna pecten* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Chelicirrum* Wunderlich, 2004*v*** ..... **Palaeogene**

818. *Chelicirrum stridulans* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Copaldictyna* Wunderlich, 2004*v*** ..... **Quaternary**

819. *Copaldictyna madagascariensis* Wunderlich, 2004*v** ..... Qt Madagascan copal

† ***Cryphoezaga* Wunderlich, 2004*v*** ..... **Palaeogene**

820. *Cryphoezaga dubia* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eobrommella* Wunderlich, 2004*v*** ..... **Palaeogene**

821. *Eobrommella scutata* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eocryphoeca* Petrunkevitch, 1946** ..... **Palaeogene**

822. *Eocryphoeca bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

823. *Eocryphoeca electrina* Wunderlich, 2004*v* ..... Pa Baltic amber

824. *Eocryphoeca falcata* Wunderlich, 2004*v* ..... Pa Baltic amber

825. *Eocryphoeca gibbifera* Wunderlich, 2004*v* ..... Pa Baltic amber

826. *Eocryphoeca gracilipes* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

827. *Eocryphoeca ligula* Wunderlich, 2004*v* ..... Pa Baltic amber

828. *Eocryphoeca mammilla* Wunderlich, 2004*v* ..... Pa Baltic amber

829. *Eocryphoeca splendens* Wunderlich, 2004*v* ..... Pa Baltic amber

Eocryphoeca sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Eocryphoecara* Wunderlich, 2004*v*** ..... **Palaeogene**

830. *Eocryphoecara abicera* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eodictyna* Wunderlich, 2004*v*** ..... **Palaeogene**

831. *Eodictyna communis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eolathys* Petrunkevitch, 1950** ..... **Palaeogene**

832. *Eolathys debilis* Petrunkevitch, 1950 ..... Pa Baltic amber

833. *Eolathys succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Gibbermastigusa* Wunderlich, 2004*v*** ..... **Palaeogene**

834. *Gibbermastigusa lateralis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Hispaniolyna* Wunderlich, 1988** ..... **Neogene**

835. *Hispaniolyna hirsuta* Wunderlich, 1988 ..... Ne Dominican amber

836. *Hispaniolyna magna* Wunderlich, 1988* ..... Ne Dominican amber

† ***Mastigusa* Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Eotetrilus* Wunderlich, 1982 [*nomen nudum*]

837. *Mastigusa acuminata* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

838. *Mastigusa arcuata* Wunderlich, 2004*v* ..... Pa Baltic amber

839. *Mastigusa bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

840. *Mastigusa laticymbium* Wunderlich, 2004*v* ..... Pa Baltic amber

841. *Mastigusa magnibulbus* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

842. *Mastigusa media* Wunderlich, 1986 ..... Pa Baltic amber

843. *Mastigusa modesta* Wunderlich, 1986 ..... Pa Baltic amber

844. *Mastigusa scutata* Wunderlich, 2004*v* ..... Pa Baltic amber

Mastigusa sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Mizagalla* Wunderlich, 2004*v*** ..... **Palaeogene**

845. *Mizagalla quattuor* Wunderlich, 2004*v** ..... Pa Baltic amber

846. *Mizagalla tuberculata* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Palaeodictyna* Wunderlich, 1988** ..... **Neogene**

847. *Palaeodictyna intermedia* Wunderlich, 1988 ..... Ne Dominican amber

848. *Palaeodictyna longispina* Wunderlich, 1988 ..... Ne Dominican amber

849. *Palaeodictyna singularis* Wunderlich, 1988 ..... Ne Dominican amber

850. *Palaeodictyna spiculum* Wunderlich, 1988 ..... Ne Dominican amber

851. *Palaeodictyna termitophila* Wunderlich, 1988* ..... Ne Dominican amber

852. *Palaeodictyna unispina* Wunderlich, 1988 ..... Ne Dominican amber

† ***Palaeolathys* Wunderlich, 1986** ..... **Neogene**

853. *Palaeolathys circumductus* Wunderlich, 1988 ..... Ne Dominican amber

854. *Palaeolathys copalis* Wunderlich, 1986 ..... Qt Dominican copal

855. *Palaeolathys quadruplex* Wunderlich, 1988 ..... Ne Dominican amber

856. *Palaeolathys similis* Wunderlich, 1988 ..... Ne Dominican amber

857. *Palaeolathys spinosa* Wunderlich, 1986* ..... Ne Dominican amber

Palaeolathys sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Protomastigusa* Wunderlich, 2004*v*** ..... **Palaeogene**

858. *Protomastigusa composita* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Scopulyna* Wunderlich, 2004*v*** ..... **Palaeogene**

859. *Scopulyna cursor* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Succinya* Wunderlich, 1988** ..... **Neogene**

860. *Succinya longembolus* Wunderlich, 1988 ..... Ne Dominican amber

861. *Succinya pulcher* Wunderlich, 1988* ..... Ne Dominican amber

862. *Succinya spinipalpus* Wunderlich, 1988 ..... Ne Dominican amber

Thallumetus* Simon, 1892*b ..... **Subrecent – Recent**

863. *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 ..... **Recent**

no fossil record

NICODAMIDAE Simon, 1898 ..... **Recent**

= MEGADICTYNIDAE Lehtinen, 1967

no fossil record

TENGELLIDAE Dahl, 1908 ..... **Recent**

no fossil record

MITURGIDAE Simon, 1885*a* ..... **Neogene – Recent**

= CHEIRACANTHIDAE Wagner, 1887

***Strotarchus* Simon, 1888** ..... **Neogene – Recent**

= † *Mimeutychurus* Petrunkevitch, 1963 [tentative synonomy]

864. *Strotarchus heidti* Wunderlich, 1988 ..... Ne Dominican amber

865. *Strotarchus paradoxus* (Petrunkevitch, 1963) ..... Ne Chiapas amber

ANYPHAENIDAE Bertkau, 1878a ..... **Palaeogene – Recent**

= AMAUROBIOIDIDAE Hickman, 1949

***Anyphaena* Sundevall, 1833** ..... **Palaeogene – Recent**

866. '*Anyphaena*' *fuscata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Anyphaenoides* Berland, 1913** ..... **Neogene – Recent**

867. *Anyphaenoides bulla* (Wunderlich, 1988) ..... Ne Dominican amber

***Lupettiana* Brescovit, 1997** ..... **Neogene – Recent**

868. *Lupettiana ligula* (Wunderlich, 1988) ..... Ne Dominican amber

***Wulfila* O. P.-Cambridge, 1895** ..... **Neogene – Recent**

869. *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**

870. *Apostenus arnoldorum* Wunderlich, 2004*ag* ..... Pa Baltic amber

871. *Apostenus bigibber* Wunderlich, 2004*ag* ..... Pa Baltic / Bitt. amber

872. *Apostenus spinimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Donuea* Strand, 1932** ..... **Quaternary – Recent**

873. *Donuea collustrata* Bosselaers & Dierick, 2010 **[Recent]** ..... Qt – R Madagascar

† ***Palaeospinisoma* Wunderlich, 2004*ag*** ..... **Palaeogene**

874. *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**

875. *Concursator nudipes* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Systariella* Wunderlich, 2004*af*** ..... **Palaeogene**

876. *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**

877. *Clubiona arcana* Scudder, 1890*a* ..... Pa Florissant
878. *Clubiona attenuata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
879. *Clubiona curvispinosa* Petrunkevitch, 1922 ..... Pa Florissant
880. *Clubiona florissanti* Petrunkevitch, 1922 ..... Pa Florissant
881. *Clubiona lanata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
882. *Clubiona microphthalma* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
883. *Clubiona pubescens* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
884. *Clubiona sericea* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
885. *Clubiona tomentosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Desultor* Petrunkevitch, 1942** ..... **Palaeogene**

886. *Desultor depressus* Petrunkevitch, 1942 ..... Pa Baltic amber

***Elaver* O. P.-Cambridge, 1898** ..... **Neogene – Recent**

887. *Elaver nutua* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eobumbatrix* Petrunkevitch, 1922** ..... **Palaeogene**

888. *Eobumbatrix latebrosa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eodoter* Petrunkevitch, 1958** ..... **Palaeogene**

889. *Eodoter eopala* Wunderlich, 2004*af* ..... Pa Baltic amber
890. *Eodoter magnificus* Petrunkevitch, 1958* ..... Pa Baltic amber
891. *Eodoter scutatus* Wunderlich, 2011*d* ..... Pa Baltic amber
892. *?Èodoter tibialis* Wunderlich, 2011*d* ..... Pa Baltic amber

† ***Eostentatrix* Petrunkevitch, 1922** ..... **Palaeogene**

893. *Eostentatrix cockerelli* Petrunkevitch, 1922 ..... Pa Florissant
894. *Eostentatrix ostentata* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eoversatrix* Petrunkevitch, 1922** ..... **Palaeogene**

895. *Eoversatrix eversa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Machilla* Petrunkevitch, 1958** [family uncertain] ..... **Palaeogene**

896. *Machilla setosa* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Massula* Petrunkevitch, 1942** [family uncertain] ..... **Palaeogene**

897. *Massula klebsi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Prosocer* Petrunkevitch, 1963** ..... **Neogene**

898. *Prosocer mollis* Petrunkevitch, 1963* ..... Ne Chiapas amber

Clubionidae *incertae sedis*

† ***Chiapasona* Petrunkevitch, 1963** ..... **Neogene**

899. *Chiapasona defuncta* Petrunkevitch, 1963* ..... Ne Chiapas amber

CORINNIDAE Karsch, 1880*a* ..... **Palaeogene – Recent**

= MYRMECIIDAE C. L. Koch, 1851 [name already used for ants]

† ***Ablator* Petrunkevitch, 1942** ..... **Palaeogene**

= † *Abliguritor* Petrunkevitch, 1942

900. *Ablator biguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
901. *Ablator curvatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
902. *Ablator deminuens* Wunderlich, 2004*ah* ..... Pa Baltic amber
903. *Ablator depressus* Wunderlich, 2004*ah* ..... Pa Baltic amber
904. *Ablator duomammillae* Wunderlich, 2004*ah* ..... Pa Baltic amber
905. *Ablator felix* (Petrunkevitch, 1958) ..... Pa Baltic amber
906. *Ablator inevolvens* Wunderlich, 2004*ah* ..... Pa Baltic amber
907. *Ablator longus* Wunderlich, 2004*ah* ..... Pa Baltic amber
908. *Ablator nonguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
909. *Ablator parvus* Wunderlich, 2004*ah* ..... Pa Baltic amber
910. *Ablator plumosus* (Petrunkevitch, 1950) ..... Pa Baltic amber
911. *Ablator robustus* Wunderlich, 2004*ah* ..... Pa Baltic amber
912. *Ablator scutatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
913. *Ablator splendens* Wunderlich, 2004*ah* ..... Pa Baltic amber
914. *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**

915. *Alterphrurolithus longipes* Wunderlich, 2004*ah* ..... Pa Baltic amber

Castianeira* Keyserling, 1880*b ..... **Neogene – Recent**

916. *Castianeira tenebricosa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Chemmisomma* Wunderlich, 1988** ..... **Neogene**

917. *Chemmisomma dubia* Wunderlich, 1988* ..... Ne Dominican amber

Corinna* C. L. Koch, 1842*a ..... **Neogene – Recent**

918. *Corinna flagelliformis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Cornucymbium* Wunderlich, 2004*ah*** ..... **Palaeogene**

919. *Cornucymbium insolens* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Cryptoplanus* Petrunkevitch, 1958** ..... **Palaeogene**

920. *Cryptoplanus bulbosus* Wunderlich, 2004*ah* ..... Pa Baltic amber
921. *Cryptoplanus complicatus* Wunderlich, 2004*ah* ..... Pa Baltic amber
922. *Cryptoplanus incidens* Wunderlich, 2004*ah* ..... Pa Baltic amber
923. *Cryptoplanus lanatus* (Petrunkevitch, 1958) ..... Pa Baltic amber
924. *Cryptoplanus paradoxus* Petrunkevitch, 1958* ..... Pa Baltic amber
925. *Cryptoplanus sericatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
926. *Cryptoplanus sinuosus* Wunderlich, 2004*ah* ..... Pa Baltic amber

Cryptoplanus sp. *in* Wunderlich (2004*ah*) ..... Pa Baltic amber

† ***Eomazax* Petrunkevitch, 1958** ..... **Palaeogene**

927. *Eomazax pulcher* Petrunkevitch, 1958* ..... Pa Baltic amber

Megalostrata* Karsch, 1880*a ..... **Neogene – Recent**

928. *Megalostrata grandis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Myrmecorinna* Wunderlich, 2004*ah*** ..... **Palaeogene**

929. *Myrmecorinna gracilis* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Palpiraptor* Wunderlich, 2011*f*** ..... **Quaternary**

930. *Palpiraptor myrmarachnoides* Wunderlich, 2011*f** ..... Qt Madagascar copal

Phrurolithus* C. L. Koch, 1839*b ..... **Palaeogene**

931. *Phrurolithus extinctus* Petrunkevitch, 1958 ..... Pa Baltic amber

932. *Phrurolithus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber

933. *Phrurolithus ipseni* Petrunkevitch, 1958 ..... Pa Baltic amber

† ***Protoorthobula* Wunderlich, 2004*ah*** ..... **Palaeogene**

934. *Protoorthobula bifida* Wunderlich, 2004*ah** ..... Pa Baltic amber

935. *Protoorthobula deelemani* Wunderlich, 2004*ah* ..... Pa Baltic / Bitt. amber

***Trachelas* L. Koch, 1872** ..... **Neogene**

936. *Trachelas poinari* Penney, 2001 ..... Ne Dominican 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**

937. *Adjutor deformis* Petrunkevitch, 1958 ..... Pa Baltic amber

938. *Adjutor mirabilis* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Admissor* Petrunkevitch, 1942** ..... **Palaeogene**

939. *Admissor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Adorator* Petrunkevitch, 1942** ..... **Palaeogene**

940. *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

941. *Adorator samlandicus* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Angusdarion* Wunderlich, 2004*ae*** ..... **Palaeogene**

942. *Angusdarion humilis* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Anniculus* Petrunkevitch, 1942** ..... **Palaeogene**

943. *Anniculus balticus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eocydrele* Petrunkevitch, 1958** ..... **Palaeogene**

944. *Eocydrele mortua* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Propago* Petrunkevitch, 1963** ..... **Neogene**

945. *Propago debilis* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Spinizodarion* Wunderlich, 2004*ae*** ..... **Palaeogene**

946. *Spinizodarion ananulum* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Zodariodamus*** **Wunderlich 2004*ae*** ..... **Palaeogene**

947. *Zodariodamus recurvatus* Wunderlich 2004*ae** ..... Pa Baltic amber

PENESTOMIDAE Simon, 1903 ..... **Recent**

no fossil record

† **EPHALMATORIDAE Petrunkevitch, 1950** ..... **Palaeogene**

† ***Ephalmator*** **Petrunkevitch, 1950** ..... **Palaeogene**

948. *Ephalmator bitterfeldensis* Wunderlich, 2004*ad* ..... Pa Bitterfeld amber
949. *Ephalmator calidus* Wunderlich, 2004*ad* ..... Pa Baltic amber
950. *Ephalmator debilis* Wunderlich, 2004*ad* ..... Pa Baltic amber
951. *Ephalmator distinctus* Wunderlich, 2004*ad* ..... Pa Baltic amber
952. *Ephalmator ellwangeri* Wunderlich, 2004*ad* ..... Pa Baltic amber
953. ?*Ephalmator eximius* Petrunkevitch, 1958 ..... Pa Baltic amber
954. *Ephalmator fossilis* Petrunkevitch, 1950* ..... Pa Baltic amber
955. *Ephalmator kerneggeri* Wunderlich, 2004*ad* ..... Pa Baltic amber
956. *Ephalmator petrunkevitchi* Wunderlich, 2004*ad* ..... Pa Baltic amber
957. *Ephalmator ruthildae* Wunderlich, 2004*ad* ..... Pa Baltic amber
958. *Ephalmator trudis* Wunderlich, 2004*ad* ..... Pa Baltic amber
959. *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**

960. *Eotrochanteria kruegeri* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Sosybius*** **C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Adamator* Petrunkevitch, 1942

= † *Adjunctor* Petrunkevitch, 1942

= † *Adulatrix* Petrunkevitch, 1942

961. *Sosybius berendti* Wunderlich, 2004*am* ..... Pa Baltic amber

962. *Sosybius decumana* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

963. *Sosybius falcatus* Wunderlich, 2004*am* ..... Pa Baltic amber

964. *Sosybius fusca* (Petrunkevitch, 1942) ..... Pa Baltic amber

965. *Sosybius kochi* Wunderlich, 2004*am* ..... Pa Baltic amber

966. *Sosybius lateralis* Wunderlich, 2004*am* ..... Pa Baltic amber

967. *Sosybius longipes* Wunderlich, 2004*am* ..... Pa Baltic amber

968. *Sosybius major* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

969. *Sosybius minor* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

970. *Sosybius mizgirisi* Wunderlich, 2004*am* ..... Pa Baltic amber

971. *Sosybius parva* (Petrunkevitch, 1942) ..... Pa Baltic amber

972. *Sosybius perniciosus* Wunderlich, 2004*am* ..... Pa Baltic amber

973. *Sosybius rufa* (Petrunkevitch, 1942) ..... Pa Baltic amber

974. *Sosybius similis* Petrunkevitch, 1942 ..... Pa Baltic amber

975. *Sosybius succineus* (Petrunkevitch, 1942) ..... Pa Baltic amber

976. *Sosybius tibialis* Wunderlich, 2004*am* ..... Pa Baltic amber

977. *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]

978. *Thereola petiolata* (C. L. Koch & Berendt, 1854)* [♀ = ?*Dasuminia* sp. according to Wunderlich 2004*b*] ..... Pa Baltic amber

979. *Thereola pubescens* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Trochanteridromulus*** **Wunderlich, 2004*am*** ..... **Palaeogene**

980. *Trochanteridromulus glabripes* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Trochanteridromus*** **Wunderlich, 2004*am*** ..... **Palaeogene**

981. *Trochanteridromus scutatus* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Veterator*** **Petrunkevitch, 1963** ..... **Neogene**

982. *Veterator angustus* Wunderlich, 1988 ..... Ne Dominican amber

983. *Veterator ascutum* Wunderlich, 1988 ..... Ne Dominican amber

984. *Veterator extinctus* Petrunkevitch, 1963* ..... Ne Chiapas amber

985. *Veterator incompletus* Wunderlich, 1982 ..... Ne Dominican amber

986. *Veterator longipes* Wunderlich, 1988 ..... Ne Dominican amber

987. *Veterator loricatus* Wunderlich, 1988 ..... Ne Dominican amber

988. *Veterator porrectus* Wunderlich, 1988 ..... Ne Dominican amber

989. *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**

990. *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**

991. *Captrix lineata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

***Drassodes* Westring, 1851** ..... **Palaeogene – Recent**

992. *Drassodes cupreus* (Blackwall, 1834*a*) **[Recent]** ..... Qt England

993. ?*Drassodes femurus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang

994. ?*Drassodes sextii* Berland, 1939 ..... Pa Aix-en-Provence

† ***Drassyllinus* Wunderlich, 1988** ..... **Neogene**

995. *Drassyllinus aliter* Wunderlich, 1988* ..... Ne Dominican amber

† ***Eognaphosops* Wunderlich, 2011*b*** ..... **Palaeogene**

996. *Eognaphosops cryptoplanoides* Wunderlich 2011*b** ..... Pa Baltic amber

† ***Eomactator* Petrunkevitch, 1958** ..... **Palaeogene**

997. *Eomactator hamatus* Wunderlich, 2011*b* ..... Pa Baltic amber

998. *Eomactator hirsutipes* Wunderlich, 2011*b* ..... Pa Baltic amber

999. *Eomactator mactatus* Petrunkevitch, 1958* ..... Pa Baltic amber

1000. *Eomactator obscurior* Wunderlich, 2011*b* ..... Pa Baltic amber

***Gnaphosa* Latreille, 1804a** ..... **?Cretaceous – Recent**

1001. *Gnaphosa affinis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Philodromus dubius* C. L. Koch & Berendt, 1854

1002. *Gnaphosa ambigua* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1003. *Gnaphosa liaoningensis* Chang, 2004

[generic assignment unreliable!] ..... K Jehol biota

***Micaria* Westring, 1851** ..... **Palaeogene – Recent**

1004. *Micaria procera* C. L. Koch & Berendt, 1954 ..... Pa Baltic amber

1005. *Micaria tenella* Heer, 1865 ..... Ne Öhningen

† ***Palaeodrassus* Petrunkevitch, 1922** ..... **Palaeogene**

1006. *Palaeodrassus cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

1007. *Palaeodrassus florissanti* Petrunkevitch, 1922 ..... Pa Florissant

1008. *Palaeodrassus hesternus* (Scudder, 1890*a*) ..... Pa Florissant

1009. *Palaeodrassus ingenuus* (Scudder, 1890*a*)* ..... Pa Florissant

1010. *Palaeodrassus interitus* (Scudder, 1890*a*) ..... Pa Florissant

***Scopoides* Platnick, 1989** ..... **Palaeogene – Recent**

Scopoides dominicanus Wunderlich, 2011*g* ..... Ne Dominican amber

***Zelotes* Gistel, 1848** ..... **Palaeogene**

1011. *Zelotes concinna* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1012. *Zelotes mundula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Melanophora nobilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1013. *Zelotes regalis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Zelotetis* Wunderlich, 2011*b*** ..... **Palaeogene**

1014. *Zelotetis calefacta* Wunderlich, 2011*b* ..... Pa Baltic amber

SELENOPIDAE Simon, 1897a ..... **Palaeogene – Recent**

† ***Garcorops* Corronca, 2003** ..... **Quaternary – Recent**

1015. *Garcorops jadis* Bosselaers, 2004 ..... Qt Madagascar copal

i. = *?Anyphops cortex* Wunderlich, 2004*as* ..... Qt Madagascar copal

***Selenops* Latreille, 1819** ..... **Palaeogene – Recent**

1016. *Selenops benoiti* Wunderlich, 2004*as* ..... Qt Madagascar copal

1017. *Selenops beynai* Schawaller, 1984 ..... Ne Dominican amber

1018. *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**

1019. *Caduceator minutus* Petrunkevitch, 1942* ..... Pa Baltic amber

1020. *Caduceator quadrimaculatus* Petrunkevitch, 1950 ..... Pa Baltic amber

† ***Collacteus* Petrunkevitch, 1942** ..... **Palaeogene**

1021. *Collacteus captivus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eostaianus* Petrunkevitch, 1950** ..... **Palaeogene**

1022. *Eostaianus succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Eostasina* Petrunkevitch, 1942** ..... **Palaeogene**

1023. *Eostasina aculeata* Petrunkevitch, 1942* ..... Pa Baltic amber

***Eusparassus* Simon 1903** ..... **Palaeogene – Recent**

1024. *Eusparassus crassipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Heteropoda* Latreille, 1804*a ..... **Palaeogene – Recent**

= † *Retina* Hong, 1985

1025. *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**

1026. *Pseudosparianthis pfeifferi* (Wunderlich, 1988) ..... Ne Dominican amber

***Zachria* L. Koch, 1875** ..... **Palaeogene – Recent**

1027. *Zachria desiderabilis* Petrunkevitch, 1950 ..... Pa Baltic amber

1028. *Zachria peculiata* Petrunkevitch, 1946 ..... Pa Baltic amber

1029. *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**

1030. *Cretadromus liaoningensis* Cheng, Shen & Gao, 2009 ..... K Liaoning Province

† ***Eothanatus* Petrunkevitch, 1950** ..... **Palaeogene – Recent**

1031. *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

Coriarachne* Thorell, 1870*b ..... **Quaternary – Recent**

Coriarachne sp. *in* Cutler (1970) ..... Qt Wyoming

† ***Ecotona* Lin, Zhang & Wang, 1989 [*ex* Araneidae]** ..... **Neogene**

1032. *Ecotona brunnea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1033. *Ecotona pilulifera* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1034. *Ecotona transipeda* Lin, Zhang & Wang, 1989* ..... Ne Shanwang

† ***Facundia* Petrunkevitch, 1942** ..... **Palaeogene**

1035. *Facundia clara* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Fiducia* Petrunkevitch, 1950** ..... **Palaeogene**

1036. *Fiducia tenuipes* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Filiolella* Petrunkevitch, 1955*a*** ..... **Palaeogene**

= † *Filiola* Petrunkevitch, 1942 [preoccupied]

1037. *Filiolella argentata* (Petrunkevitch, 1942)* ..... Pa Baltic amber

† ***Heterotmarus* Wunderlich, 1988** ..... **Neogene**

1038. *Heterotmarus altus* Wunderlich, 1988* ..... Ne Dominican amber

† ***Komisumena* Ono, 1981** ..... **Neogene**

1039. *Komisumena rosae* Ono, 1981* ..... Ne Dominican amber

† ***Miothomisus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1040. *Miothomisus subnudus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1041. *Miothomisus sylvaticus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

***Misumena* Latreille, 1804a** ..... **Palaeogene – Recent**

1042. *Misumena samlandica* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Palaeoxysticus* Wunderlich, 1985** ..... **Neogene**

1043. *Palaeoxysticus extinctus* Wunderlich, 1985 ..... Ne Randecker Maar

† ***Parvulus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1044. *Parvulus latissimus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

† ***Succinaenigma* Wunderlich, 2004*ap*** ..... **Palaeogene**

1045. *Succinaenigma raptor* Wunderlich, 2004*ap** ..... Pa Baltic amber

† ***Succiniraptor* Wunderlich, 2004*ao*** ..... **Palaeogene**

1046. *Succiniraptor radiatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Succiniraptor paradoxus* Wunderlich, 2004*ao** ..... Pa Baltic amber

***Synema* Simon, 1864** ..... **Palaeogene – Recent**

1047. *Synema enigmaticum* Berland, 1939 ..... Pa Aix-en-Provence

† ***Syphax* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

1048. *Syphax asper* Petrunkevitch, 1950 ..... Pa Baltic amber

1049. *Syphax crassipes* Petrunkevitch, 1942 ..... Pa Baltic amber

1050. *Syphax fuliginosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1051. *Syphax gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1052. *Syphax megacephalus* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

1053. *Syphax thoracicus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Thomisiraptor* Wunderlich, 2004ap** ..... **Palaeogene**

1054. *Thomisiraptor liedtkei* Wunderlich, 2004*ap** ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** ..... **Palaeogene – Recent**

1055. *Thomisus defossus* Scudder, 1890*a* ..... Pa Florissant

1056. *Thomisus disjunctus* Scudder, 1890*a* ..... Pa Florissant

1057. *Thomisus lividus* Heer, 1865 ..... Ne Öhningen

1058. *Thomisus resutus* Scudder, 1890*a* ..... Pa Florissant

1059. *Thomisus sulzeri* Heer, 1865 ..... Ne Öhningen

***Xysticus* C. L. Koch, 1835** ..... **Palaeogene – Recent**

1060. ?*Xysticus annulipes* Bertkau, 1878*b* ..... Ne Rott, Germany

1061. *Xysticus archaeopalpus* Leech & Matthews, 1971 ..... Ne Alaska

1062. *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

† ***Almolinus*** **Petrunkevitch, 1958** ..... **Palaeogene**

1063. *Almolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Bitterfeld amber

1064. *Almolinus clarus* Petrunkevitch, 1958* ..... Pa Baltic amber

1065. *Almolinus ligula* Wunderlich, 2004*aq* ..... Pa Baltic amber

?*Almolinus* sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

† ***Attoides*** **Brongniart, 1877** ..... **Palaeogene**

1066. *Attoides eresiformis* Brongniart, 1877 ..... Pa Aix-en-Provence

† ***Calilinus*** **Wunderlich, 2004*aq*** ..... **Palaeogene**

1067. *Calilinus fleissneri* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Cenattus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1068. *Cenattus exophthalmicus* Petrunkevitch, 1942* ..... Pa Baltic amber

Corythalia **C. L. Koch, 1851** ..... **Neogene – Recent**

1069. *Corythalia ocululiter* Wunderlich, 1988 ..... Ne Dominican amber

1070. *Corythalia pilosa* Wunderlich, 1982 ..... Ne Dominican amber

1071. *Corythalia scissa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Descangeles*** **Wunderlich, 1988** ..... **Neogene**

1072. *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**

1073. *Distanilinus filum* Wunderlich, 2004*aq* ..... Pa Baltic amber

1074. *Distanilinus nutus* Wunderlich, 2004*aq** ..... Pa Baltic amber

1075. *Distanilinus paranutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1076. *Distanilinus pernutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

† ***Eoattopsis*** **Gourret, 1887** ..... **Palaeogene**

1077. *Eoattopsis hirsutus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eolinus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1078. *Eolinus balticus* Żabka, 1988 ..... Pa Baltic amber

1079. *Eolinus fungus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1080. *Eolinus insuriens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1081. *Eolinus prominens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1082. *Eolinus samlandica* Wunderlich, 2004*aq* ..... Pa Baltic amber

1083. *Eolinus succineus* Petrunkevitch, 1942* ..... Pa Baltic amber

1084. *Eolinus theryi* Petrunkevitch, 1942 ..... Pa Baltic amber

1085. *Eolinus theryoides* Wunderlich, 2004*aq* ..... Pa Baltic amber

1086. *Eolinus tystschenkoi* Proszynski & Żabka, 1980 ..... Pa Baltic amber

1087. *Eolinus vates* Wunderlich, 2004*aq* ..... Pa Baltic amber

Eolinus sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

***Euophrys* C. L. Koch, 1834** ..... **Palaeogene – Recent**

1088. *Euophrys gibberula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1089. *Euophrys randeckensis* Schawaller & Ono, 1979 ..... Ne Randecker Maar

† ***Evagoratus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1090. *Evagoratus longicruris* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

† ***Gorgopsidis* Wunderlich, 2004*aq*** ..... **Palaeogene**

1091. *Gorgopsidis bechlyi* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Gorgopsina* Petrunkevitch, 1955a** ..... **Palaeogene**

1092. *Gorgopsina amabilis* Wunderlich, 2004*aq* ..... Pa Baltic amber

1093. *Gorgopsina constricta* Wunderlich, 2004*aq* ..... Pa Baltic amber

1094. *Gorgopsina expandens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1095. '*Gorgopsina*' *fasciata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1096. *Gorgopsina flexuosa* Wunderlich, 2004*aq* ..... Pa Baltic amber

1097. *Gorgopsina formosa* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1098. *Gorgopsina fractura* Wunderlich, 2004*ar* ..... Pa Rovno amber

1099. *Gorgopsina frenata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

1100. *Gorgopsina inclusa* Wunderlich, 2004*aq* ..... Pa Baltic amber

1101. *Gorgopsina jucunda* (Petrunkevitch, 1942) ..... Pa Baltic amber

1102. *Gorgopsina marginata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1103. *Gorgopsina melanocephala* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1104. *Gorgopsina naumanni* Giebel, 1856 ..... Pa Baltic amber

1105. *Gorgopsina paulula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1106. *Gorgopsina rectangularis* Wunderlich, 2011*h* ..... Pa Baltic amber

1107. *Gorgopsina speciosa* Wunderlich, 2004*aq* ..... Pa Baltic amber

***Heliophanus* C. L. Koch, 1833** ..... **Palaeogene – Recent**

1108. *Heliophanus extinctus* Berland, 1939 ..... Pa Aix-en-Provence

***Hyllus* C. L. Koch, 1846** ..... **Quaternary – Recent**

= † *Parevophrys* Petrunkevitch, 1942

1109. *Hyllus succini* (Petrunkevitch, 1942) ..... Qt Copal

Originally described as Baltic amber

***Lyssomanes* Hentz, 1845** ..... **Neogene – Recent**

1110. *Lyssomanes pristinus* Wunderlich, 1986 ..... Ne Dominican amber

i. = *Lyssomanes galianoae* Reiskind, 1989 ..... Ne Dominican amber

1111. *Lyssomanes pulcher* Wunderlich, 1988 ..... Ne Dominican amber

† ***Microlinus* Wunderlich, 2004*aq*** ..... **Palaeogene**

1112. *Microlinus calidus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1113. *Microlinus folium* Wunderlich, 2004*aq** ..... Pa Baltic amber

***Myrmarachne* MacLeay, 1839** ..... **Quaternary – Recent**

= † *Entomocephalus* Holl, 1829 [suppressed; see ICZN Opinion 2258]

1114. *Myrmarachne formicoides* (Holl, 1829) ..... ?Qt Copal [?not amber]

Neon* Simon, 1876*a ..... **Quaternary – Recent**

1115. *Neon* ?*reticulatus* (Blackwall, 1853) **[Recent]** ..... Qt England

† ***Paralinus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1116. *Paralinus crosbyi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Pensacolatus*** **Wunderlich, 1988** ..... **Neogene**

1117. *Pensacolatus coxalis* Wunderlich, 1988* ..... Ne Dominican amber

1118. *Pensacolatus spinipes* Wunderlich, 1988 ..... Ne Dominican amber

1119. ?*Pensacolatus tibialis* Wunderlich, 2004*aq* ..... Ne Dominican amber

Pensacolatus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Phidippus **C. L. Koch, 1846** ..... **Palaeogene**

1120. *Phidippus impressus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1121. *Phidippus pusillus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Phlegrata*** **Wunderlich, 1988** ..... **Neogene**

1122. *Phlegrata pala* Wunderlich, 1988* ..... Ne Dominican amber

† ***Prolinus*** **Petrunkevitch, 1958** ..... **Palaeogene**

1123. *Prolinus fossilis* Petrunkevitch, 1958* ..... Pa Baltic amber

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]

1124. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

Thiodina **Simon, 1900** ..... **Neogene**

1125. *Thiodina beugelorum* Wolff, 1990 ..... Ne Dominican amber

Araneomorphae *incertae sedis*

† ***Elvina*** **Thorell, 1870*b*** ..... **Neogene**

1126. *Elvina antiqua* (von Heyden, 1859) ..... Ne Linz am Rhein

Araneae *incerate sedis*

Araneae gen. et sp. nov. *in* Ansorge (2003) ..... J Grimmen, Germany

† ***Amphiclotho*** **Gourret, 1887** ..... **Palaeogene**

1127. *Amphiclotho breviuscula* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Amphithomisus*** **Gourret, 1887** ..... **Palaeogene**

1128. *Amphithomisus barbatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Atocatle*** **Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?] ..... **Cretaceous**

1129. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* ..... K Puebla, México

† ***Cercidiella*** **Gourret, 1887** ..... **Palaeogene**

1130. *Cercidiella aquisextana* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Clubionella*** **Gourret, 1887** ..... **Palaeogene**

1131. *Clubionella antiqua* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eresoides*** **Gourret, 1887** ..... **Palaeogene**

1132. *Eresoides orbicularis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Hersilioides*** **Gourret, 1887** ..... **Palaeogene**

1133. *Hersilioides thanatiformis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Opisthophylax*** **Menge, 1856** ..... **Palaeogene**

1134. *Opisthophylax exarata* Menge, 1856* ..... Pa Baltic amber

† ***Prodysdera*** **Gourret, 1887** ..... **Palaeogene**

1135. *Prodysdera intermedia* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protochersis*** **Gourret, 1887** ..... **Palaeogene**

1136. *Protochersis spinosus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protolachesis*** **Gourret, 1887** ..... **Palaeogene**

1137. *Protolachesis annulata* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Paralycosa*** **Dunlop & Jekel, 2009** ..... **Palaeogene**

= † *Protolycosa* Gourret, 1887 [*preoccupied*]

1138. *Paralycosa attiformis* (Gourret, 1887)* ..... Pa Aix-en-Provence

† ***Pseudothomisus*** **Gourret, 1887** ..... **Palaeogene**

1139. *Pseudothomisus articulatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Schellenbergia*** **Heer, 1865** ..... **Neogene**

1140. *Schellenbergia rotundata* Heer, 1865* ..... Ne Öhningen

† ***Timeropus*** **Thorell, 1891** ..... **Palaeogene**

= † *Lycosoides* Gourret, 1887 [preoccupied]

1141. *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 aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber
13. *Ero setulosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Fictotama* Petrunkevitch, 1963 (*nomen dubium*)** ..... **Palaeogene**

14. *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

15. *Memoratrix rydei* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Mimetarchaea* Eskov, 1992** ..... **Palaeogene**

16. *Mimetarchaea gintaras* Eskov, 1992* ..... Pa Baltic amber

NB: Name based on a subadult male

† ***Miropholcus* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**

= † *Micropholcus* Petrunkevitch, 1942 [*lapsus*]

17. *Miropholcus heteropus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Perturbator* Petrunkevitch, 1971 (*nomen dubium*)** ..... **Neogene**

18. *Perturbator corniger* Petrunkevitch, 1971* ..... Ne Chiapas amber

† ***Phalangopus* Menge *in* C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**

19. *Phalangopus subtilis* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Praeoarces* Wunderlich, 2004*q*** ..... **Palaeogene**

20. *Praeoarces exitus* Wunderlich, 2004*q** ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

21. *Segestria elongata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
22. *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

† ***Archaeometa* Pocock, 1911** ..... **?Devonian – Carb.**

2. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] ..... D Alken an der Mosel
3. *Archaeometa nephilina* Pocock, 1911* [not identified] ..... C Coseley

† ***Arachnometa* Petrunkevitch, 1949** ..... **Carboniferous**

4. *Arachnometa tuberculata* Petrunkevitch, 1949* [not identified] ..... C Coseley

† ***Eopholcus* Frič, 1904** ..... **Carboniferous**

5. *Eopholcus pedatus* Frič, 1904* [not identified] ..... C Nýřany

† ***Palaeocteniza* Hirst, 1923** ..... **Devonian**

6. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] ..... D Rhynie chert

† ***Pleurolycosa* Frič, 1904** ..... **Carboniferous**

7. *Pleurolycosa prolifera* (Frič, 1901)* [unidentifiable] ..... C Nýřany

42,473 Recent species according to Platnick (2011)

HAPTOPODA

1 currently valid species of fossil haptopodid

† **HAPTOPODA Pocock, 1911** ..... **Carboniferous**

† **PLESIOSIRONIDAE Pocock, 1911** ..... **Carboniferous**

† ***Plesiosiro* Pocock, 1911** ..... **Carboniferous**

1. *Plesiosiro madeleyi* Pocock, 1911 ..... C Coseley

no Recent species

AMBLYPYGI

9 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

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

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**

6. *Britopygus weygoldti* Dunlop & Martill, 2002 ..... K Crato Formation

† ***Electrophrynus*** **Petrunkevitch, 1971** ..... **Neogene**

7. *Electrophrynus mirus* Petrunkevitch, 1971 ..... Ne Chiapas amber

Phrynus **Lamarck, 1801** ..... **Neogene – Recent**

8. *Phrynus mexicana* Poinar & Brown, 2004 ..... Ne Chiapas amber
9. *Phrynus resinae* (Schawaller, 1979*b*) ..... Ne Dominican amber

NOMINA DUBIA

1. *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

7 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

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 naufraga* (Brauckmann & Koch, 1983) ..... C Hagen-Vorhalle
4. *Parageralinura neerlandicus* Laurentiaux-Viera & Laurentiaux, 1961..... C Limburg

† ***Proschizomus*** **Dunlop & Horrocks, 1996** ..... **Carboniferous**

5. *Proschizomus petrunkevitchi* Dunlop & Horrocks, 1996 ..... C Coseley

† ***Prothelyphonus*** **Frič, 1904** ..... **Carboniferous**

6. *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**

† ***Mesoproctus*** **Dunlop, 1988** ..... **Cretaceous**

7. *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 of fossil schizomid from 6 published names

- 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 and 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 & Cockendolpher, 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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