A summary list of fossil spiders and their relatives

compiled by

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

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

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INTRODUCTION

Fossil spiders have not been fully cataloged since Bonnet's *Bibliographia Araneorum* and are not included in the current 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

Few new fossil spider taxa have been described since the last version, and the most significant change is of course the inclusion of data for non-spider species. This has obviously increased the size of the list enormously.

ACKNOWLEDGMENTS

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EXPLANATIONS

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

Stratigraphical abbreviations:

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

D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

PYCNOGONIDA

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

98 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

† ***Anactonium* Raymond, 1944** ..... **Permian**

50. *Anactonium brevis* Raymond, 1944 ..... P Oklahoma
51. *Anactonium 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**
= † 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**

***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

INCERTAE SEDIS

† ***Belinuropsis* Matthew 1910**

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

NOMEN DUBIUM

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

NOMINA NUDA

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

MISIDENTIFICATIONS

1. *Belinurus carterae* Eller, 1940 [synonym of *P. eriensis*; see below]
2. *Bifarius comptae* Tasch, 1961 [insect] ..... P Kansas
3. *Eolimulus alatus* Moberg, 1892 [doubtful xiphosuran] ..... Є Öland, Sweden
4. *Elmocephalus carltonensis* (Tasch, 1963) [?crustacean] ..... P Kansas

5. *Hemiaspis tunnecliffei* Chapman, 1932 [trilobite] ……..... S Victoria
6. *Hypatocephala rugosa* Tasch, 1961 [insect] ……..……..... P Kansas
7. *Lemoneites ambiguus* Flower, 1969 [Echinodermata] ……..……..... O Texas
8. *Lemoneites gomphocaudatus* Flower, 1969 [Echinodermata] ……..……..... O Texas
9. *Lemoneites mirabilis* Flower, 1969 [Echinodermata] ……..……..... O Texas
10. *Lemoneites simplex* Flower, 1969 [Echinodermata] ……..……..... O Texas
11. *Pincombella belmontensis* Chapman, 1932 [insect – Hemiptera] ……..... P New South Wales
12. *Permolimulinella raris* Tasch, 1963 [insect] ……..……..... P Kansas
13. *Strongylocephalus charactis* Tasch, 1961 [insect] ……..……..... P Kansas
14. *Protolimulus eriensis* [Xiphosuran trace fossil: see *Selenichnites*]

4 Recent species

CHASMATASPIDIDA

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

244 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

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

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

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

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

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

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

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

11. *Parastylonurus hendersoni* Waterston, 1979 ..... S Pentland Hills, Scotl.

12. *Parastylonurus ornatus* (Laurie, 1892)* ..... S Scotland
13. ?*Parastylonurus sigmoidalis* Kjellesvig-Waering, 1971 ..... S Shropshire, UK

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

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

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

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

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

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

19. *Pagea sturrocki* Waterston, 1962* ..... D Old Red Sandstone
20. *Pagea symondsii* (Salter, 1859) ..... D Old Red Sandstone

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ii. = *Stylonurus armatus* Page, 1867 ..... D Mid. Valley Scotland

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

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

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

31. *Drepanopterus abonensis* Simpson, 1951 ..... D Portishead, England
32. *Drepanopterus pentlandicus* Laurie, 1892* ..... S Pentland Hills, Scotl.

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

= † CYRTOCTENIDAE Waterston, Oelofsen & Oosthuizen, 1985

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

33. *Cyrtoctenus caledonicus* (Salter, 1863) ..... C East Lothian, Scotl.
34. *Cyrtoctenus dewalquei* (Fraipont, 1889) ..... D Pont-de-Bonne, Belg.

i. = *Eurypterus dewalquei* var. *longimanus* Fraipont, 1889 ..... D Pont-de-Bonne, Belg.

35. *Cyrtoctenus dicki* (Peach, 1883) ..... C Thurso, Scotland
36. *Cyrtoctenus ostraviensis* (Augusta & Přibyl, 1951) ..... C Ostrava, Czech Rep.
37. *Cyrtoctenus peachi* Størmer & Waterston, 1968* ..... C Berwickshire, Scotl.
38. *Cyrtoctenus wittebergensis* Waterston, Oelofsen & Oosthuizen, 1985 ... C Cape Province

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

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

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

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

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

41. *Campylocephalus oculatus* (Kutorga, 1838)* ..... P Dourasovo, Russia
42. ?*Campylocephalus salmi* Stur, 1877 ..... C Ostrava, Czech Rep.

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

43. ?*Hibbertopterus hibernicus* (Baily, 1872) ..... C Kiltorcan, Ireland
44. *Hibbertopterus permianus* Ponomarenko, 1985 ..... P Komi, Russia
45. *Hibbertopterus scouleri* (Hibbert, 1836)* ..... C West Lothian, Scotl.

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

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

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

= † WOODWARDOPTERIDAE Kjellesvig-Waering, 1959

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

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

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

48. ?*Mycterops blairi* Waterston, 1968 ..... C Loanhead, Scotland
49. *Mycterops matthieui* Pruvost, 1924 ..... C Charleroi, Belgium
50. *Mycterops ordinatus* Cope, 1886* ..... C Channelton, PA
51. ?*Mycterops whitei* Schram, 1984 ..... C Crescent, Iowa

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

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

STYLONURINA *incertae sedis*

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

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

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

plesion taxa

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

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

plesion taxa currently assigned to *Drepanopterus*

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

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

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

"*Drepanopterus*"

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

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

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

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

65. *Vinetopterus martini* Poschmann & Tetlie, 2004 ..... D Westerwald, Germ.
66. *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**

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

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

68. *Megalograptus alveolatus* (Shuler, 1915) ..... O Virginia
69. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 ..... O Ohio
70. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
71. *Megalograptus welchi* Miller, 1874* ..... O Ohio

72. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 ..... O Ohio

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

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

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

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

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

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

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

79. *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**

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

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

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

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

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

= † *Baltoeurypterus* Størmer, 1973

82. ?*Eurypterus cephalaspis* Salter, 1856 ..... S Herefordshire, Engl.
83. *Eurypterus dekayi* Hall, 1859 ..... S New York / Ontario
84. *Eurypterus flintstonensis* Swartz, 1923 ..... S eastern USA
85. *Eurypterus hankeni* Tetlie, 2006*a* ..... S Ringerike, Norway
86. *Eurypterus henningsmoeni* (Tetlie, 2002)..... S Bærum, Norway
87. *Eurypterus laculatus* Kjellesvig-Waering, 1958 ..... S New York / Ontario
88. *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
89. *Eurypterus leopoldi* Tetlie, 2006*a* ..... S Somerset Is., Canada
90. *Eurypterus megalops* Clarke & Ruedemann, 1912 ..... S New York
91. ?*Eurypterus minor* Laurie, 1899 ..... S Pentland Hills, Scotl.
92. *Eurypterus ornatus* Leutze, 1958 ..... S Fayette, Ohio
93. *Eurypterus pittsfordensis* Sarle, 1903 ..... S Pittsford, New York
94. *Eurypterus quebecensis* Kjellesvig-Waering, 1958 ..... S Quebéc, Canada
95. *Eurypterus remipes* DeKay, 1825* ..... S New York / Ontario
    i. = *Carcinosoma trigona* (Ruedemann, 1916)..... S New York

96. *Eurypterus serratus* (Jones & Woodward, 1888) ..... S Gotland, Sweden
97. *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**

98. *Erieopterus eriensis* (Whitfield, 1882)..... S Ohio
99. *Erieopterus hypsophthalmus* Kjellesvig-Waering, 1958..... S Ohio
100. ?*Erieopterus laticeps* (Schmidt, 1883) ..... S Saaremaa, Ringerike
101. *Erieopterus latus* Ruedemann, 1935 ..... D Wyoming, USA
102. ?*Erieopterus limuloides* (Kjellesvig-Waering, 1948*a*) ..... S Kokomo, Indiana
103. *Erieopterus microphthalmus* (Hall, 1859)*..... D New York / Canada
104. ?*Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
105. *?Erieopterus statzi* Størmer, 1936*a* ..... D Siegburg, Germany
106. ?*Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 ..... S Michigan

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

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

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

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

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

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

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

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

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

118. *Rhinocarcinosoma cicerops* (Clarke, 1907) ..... S Otisville, New York
119. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 .... S Dô Son, Vietnam
120. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)*..... S Clinton, New York

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

= † LANARKOPTERIDAE Tollerton, 1989

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

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

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

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

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

124. *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**

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

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

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

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

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

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

129. *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

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

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

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

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

134. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) ..... C Donetsk, Ukraine

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

171. *Herefordopterus banksii* (Salter, 1856)* ..... S Herefordshire, Engl.
   i. = *Eurypterus acuminatus* Salter, 1859*a* ..... S Herefordshire, Engl.

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

172. *Hughmilleria shawangunk* Clarke, 1907 ..... S eastern USA
173. *Hughmilleria socialis* Sarle, 1903* ..... S Pittsford, New York
   i. = *Hughmilleria robusta* Sarle, 1903 ..... S Pittsford, New York
174. *Hughmilleria wangi* Tetlie, Selden & Ren, 2007 ..... S Hunan, China

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

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

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

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

176. *Slimonia acuminata* Salter, 1856* ..... S Lesmahagow
   i. = *Himantopterus maximus* Salter, 1856 ..... S Lesmahagow
177. *Slimonia boliviana* Kjellesvig-Waering, 1973 ..... S Cochambamba, Bol.
178. *Slimonia dubia* Laurie, 1899 ..... S Pentland Hills, Scotl.

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

= † JAEKELOPTERIDAE Størmer, 1974

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

179. *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
180. *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
181. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York
182. *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
183. *Acutiramus perneri* Chlupáč, 1994 ..... D Barrandian area
184. *Acutiramus perryensis* Leutze, 1958 ..... S Ohio
185. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 ..... S? Florida

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

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

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

188. *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

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

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

205. *Jaekelopterus rhenaniae* (Jaekel, 1914)* ..... D Rhenish Massif, Ger.

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

206. *Pterygotus anglicus* Agassiz, 1844* ..... D Scotland, Canada
i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912 ..... D New Brunswick, Can.
ii. = *Pterygotus minor* Woodward, 1864 ..... D Scotland
207. *Pterygotus arcuatus* Salter *in* Huxley & Salter, 1859 ..... D Herefordshire, Engl.
208. ?*Pterygotus australis* McCoy, 1899 ..... S Melbourne, Australia
209. *Pterygotus barrandei* Semper, 1898 ..... S Barrandian area
i. = *Pterygotus beraunensis* Semper, 1898 ..... S Barrandian area
210. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* ..... D Belen, Bolivia
211. *Pterygotus carmani* Kjellesvig-Waering, 1961 ..... D Ohio
212. *Pterygotus cobbi* Hall, 1859 ..... S New York / Canada
213. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
214. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* ..... D Florida
215. *Pterygotus gaspesiensis* Russell, 1953 ..... D Québec, Canada
216. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* ..... S England
217. *?Pterygotus howelli* Kjellesvig-Waering & Størmer, 1952 ..... D Wyoming

218. *?Pterygotus impacatus* Kjellesvig-Waering, 1964*a* ..... S Saaremaa, Estonia
219. *Pterygotus kopaninensis* Barrande, 1872 ..... S Barrandian area, Cz.
220. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* ..... S Lesmahagow, Scotl.
221. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* ..... S England
222. *Pterygotus ludensis* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
223. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* ..... S Maryland
224. *Pterygotus monroensis* Sarle 1902 ..... S New York

EURYPTERIDA *incertae sedis*

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

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

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

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

† ***?Dolichopterus***

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

† ***?Eurypterus***

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

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

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

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

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

† ***?Nanahughmilleria***

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

† ***?Salteropterus***

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

† ***?Stylonurus***

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

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

242. *Tylopterella boylei* (Whiteaves, 1884) ..... S Ontario, Canada
243. ?*Tylopterella menneri* (Novojilov, 1959) ..... D Taimyr, Russia

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

244. *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
2. *Pterygotus mcgrewi* Kjellesvig-Waering, 1986 ..... D Wyoming

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

115 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 Killburn 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**

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

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

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

† **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**

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

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

family uncertain

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

84. *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**

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

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

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

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

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

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

87. *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**

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

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

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

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

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

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

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

91. *Palaeoananteris ribnitodamgartensis* Lourenço & Weitschat, 2001* ..... Pa Baltic amber

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

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

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

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

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

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

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

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

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

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

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

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

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

99. '*Tityus*' *eogenus* Menge, 1869 ..... Pa Baltic amber

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

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

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

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

BUTHIDAE *incertae sedis*

103. '*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**

104. *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**

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

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

106. *Chactas pleistocenicus* Lourenço & Weitschat, 2005*b* ..... Qt Colombian copal

AKRAVIDAE Levy, 2007 ..... **Recent**

no fossil record

CHAERILIDAE Pocock, 1893 ..... **Recent**

no fossil record

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**

107. *Protoischnurus axelrodrum* 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**

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

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

109. *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*

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

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

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

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

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

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

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

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

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

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

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

115. *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

OPILIONES

28 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

query family? – all other Sironidae are European

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

2. *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**

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

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

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

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

5. *Kustarachne tenuipes* Scudder, 1890*b** ..... C Mazon Creek

i. = *Kustarachne exstincta* Melander, 1903 ..... C Mazon Creek

ii. = *Kustarachne conica* Petrunkevitch, 1913 ..... C Mazon Creek

CADDOIDEA Banks, 1893 ..... **Palaeogene – Recent**

CADDIDAE Banks, 1893 ..... **Palaeogene – Recent**

Caddo* Banks, 1892*a ..... **Palaeogene – Recent**

6. *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**

7. *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**

8. *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

?Phalangiidae

9. *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**

10. *Amauropilio atavus* (Cockerell, 1907) ..... Pa Florissant
11. *Amauropilio lacoei* (Petrunkevitch, 1922) ..... Pa Florissant

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

12. *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**

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

Family uncertain

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

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

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

family uncertain

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

15. *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**

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

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

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

family uncertain

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

17. *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**

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

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

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

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

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

20. ?*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**

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

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

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

= † *Protopilio* Petrunkevitch, 1913

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

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

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

no fossil record

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

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

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

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

family uncertain

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

25. *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**

26. *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**

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

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

28. *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

STYGNOPSIDAE Sørensen, 1932 ..... **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

6,401 Recent species according to Kury (2007)

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

PSUEDOSCORPIONES

40 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

† **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* ..... 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**

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

25. *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

26. *Dichela berendtii* Menge, 1954* ..... Pa Baltic amber
27. *Dichela gracilis* (Beier, 1937) ..... Pa Baltic amber
28. *Dichela granulatus* (Beier, 1937) ..... Pa Baltic amber
29. *Dichela serratidentatus* (Beier, 1937) ..... Pa Baltic amber

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

30. *Electrochelifer bachofeni* Beier, 1947*a* ..... Pa Baltic amber
31. *Electrochelifer balticus* Beier, 1955 ..... Pa Baltic amber
32. *Electrochelifer mengei* Beier, 1937* ..... Pa Baltic amber
33. *Electrochelifer rapulitarsus* Beier, 1947*a* ..... Pa Baltic amber

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

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

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

35. *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**

36. *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**

37. *Oligochernes bachofeni* Beier, 1937 ..... Pa Baltic amber
38. *Oligochernes wigandi* (Menge, 1854) ..... Pa Baltic amber

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

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

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

† ***Beierowithius* Mahnert, 1879** ..... **Palaeogene**

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

NOMINA DUBIA

1. *Chelifer ehrenbergii* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Chelifer eucarpus* Dalman, 1825 ..... Qt Copal

NOMINA NUDA

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

3,385 Recent species according to Harvey (2009)

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

1,075 Recent species according to Harvey (2003)

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

13 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

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

1. *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**

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

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

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

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

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

4. *Amblyomma* near *argentinae* Neumann, 1905 **[Recent]** ..... Ne–R Dominican amber

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

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

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

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

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

7. *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**

8. *Ixodes succineus* Weidner, 1964 ..... Pa Baltic amber

9. *Ixodes tertiarius* Scudder, 1885 ..... Pa Wyoming

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**

10. *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**

11. *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**

12. *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**

13. *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 amber

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. 10,400 Recent species according to Hallan (2004)

ACARIFORMES

292 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 a derived 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 author, date? (supercohort) ..... **Recent**

LABIDOSTOMMATOIDEA Oudemans, 1906 ..... **Recent**

LABIDOSTOMMATIDAE Oudemans, 1906 ..... **Recent**

= NICOLETIELLIDAE Canestrini, 1891

no fossil record

EUPODIDES author, date? (supercohort) ..... **Devonian – Recent**

BDELLOIDEA Dugès, 1834 ..... **Cretaceous – Recent**

BDELLIDAE Dugès, 1834 ..... **Cretaceous – Recent**

Bdellidae sp. *in* Aoki (1974) ..... Qt Mizunami amber

***Bdella* Latreille, 1795** ..... **Cretaceous – Recent**

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

4. *Bdella vetusta* Ewing, 1937 ..... K Manitobian amber

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

5. *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**

6. *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**

7. *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**

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

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

9. *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**

10. *Aculops keiferi* Southcott & Lange, 1971 ..... ?Pa Australia

***Eriophyes* von Siebold, 1850** ..... **Neogene – Recent**

11. *Eriophyes daphnogene* Ambrus & Hably, 1979 [fossil gall] ..... Pa Hungary

12. *Eryophies* [*sic*] *vilarrubiae* Villalta, 1957 [fossil gall] ..... Ne Spain

PHYTOPTIDAE Murray, 1877 ..... **Neogene – Recent**

= NALEPELLIDAE Roivainen, 1953

***Phytopus* Dujardin, 1851** ..... **Neogene – Recent**

13. *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**

14. *Procaeculus dominicensis* Coineau & Poinar, 2001 ..... Ne Dominican amber
15. *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 amber

***Anystis* von Heyden, 1826** ..... **Cretaceous – Recent**

16. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
17. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
18. *Anystis venustula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Mesoanystis* Zacharda, 1985** ..... **Cretaceous**

19. *Mesoanystis taymirensis* Zacharda, 1985* ..... K Siberian amber

† ***Palaeoerythracarus* Zacharda, 1985** ..... **Palaeogene**

20. *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**

21. *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 amber

† ***Arytaena* Menge, 1854 *in* C. L. Koch & Berendt, 1854** ..... **Paleogene**

22. *Arytaena troguloides* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Balaustium* von Heyden, 1826** ..... **Paleogene – Recent**

23. *Balaustium illustris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Erythraeus* Latrielle, 1806** ..... **Paleogene – Recent**

24. *Erythraeus bifrons* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
25. *Erythraeus foveolatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
26. *Erythraeus hirsutus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
27. *Erythraeus lagopus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
28. *Erythraeus longipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
29. *Erythraeus proavus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Erythraeus procerus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
31. *Erythraeus raripilus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
32. *Erythraeus rostratus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
33. *Erythraeus saccatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Leptus* Latrielle, 1796** ..... **Paleogene – Recent**

34. *Leptus incertus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† **PROTERYTHRAEIDAE Vercammen-Grandjean, 1973** ..... **Cretaceous**

† ***Proterythraeus* Vercammen-Grandjean, 1973** ..... **Cretaceous**

35. *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?

36. *Megameropsis aquensis* Gourret, 1887 ..... Pa Aix-en-Provence
37. *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**

38. *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**

39. *Allothrombium clavipes* (C. L. Koch & Berendt, 1854) …… Pa Baltic amber

***Trombidium* Fabricius, 1775** …… **Paleogene – Recent**

40. *Trombidium crassipes* Menge *in* C. L. Koch & Berendt, 1854 …… Pa Baltic amber
41. *Trombidium granulatum* Menge *in* C. L. Koch & Berendt, 1854 …… Pa Baltic amber
42. *Trombidium heterotrichum* Menge *in* C. L. Koch & Berendt, 1854 …… Pa Baltic amber
43. *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**

44. *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**

45. *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**

46. *Neophyllobius succineus* Bolland & Magowski, 1990 ..... Pa Baltic amber

CRYPTOGNATHIDAE Oudemans, 1902 ..... **Paleogene – Recent**

***Cryptognathus* Kramer, 1879** ..... **Paleogene – Recent**

47. *Cryptognathus rhombeus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

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 ..... **Recent**

no fossil record

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**

48. *Metatetranychus gibbus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Schizotetranychus* Trägårdh, 1915** ..... **Palaeogene – Recent**

49. *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**

50. *Cheyletus burmiticus* Cockerell, 1917 ..... K Myanmar amber

51. *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**

52. *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**

53. *Pyemotes primus* Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

RESINACARIDAE author, date? ..... **Recent**

no fossil record

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 amber

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**

54. *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**

55. *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**

56. *Archaeacarus dubinini* Kethley & Norton *in* Kethley *et al*., 1989 ..... D Gilboa

† ***Pseudoprotacarus*** **Dubinin, 1962** ..... **Devonian**

57. *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* Perez-DA, 1988** ..... **Palaeogene**

58. *Marcvipeda magallanes* Perez-DA, 1988* ..... Pa 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**

59. *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**

60. *Ctenacaronychus nortoni* Subías & Arillo, 2002* ..... D New York

† ***Palaeoctenacarus* Subías & Arillo, 2002** ..... **Carboniferous**

61. *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**

62. *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**

63. *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**

64. *Hypochthonius rufulus* C. L. Koch, 1835 **[Recent]** ..... Qt Finland

† ***Palaeohypochthonius* Subías & Arillo, 2002** ..... **Carboniferous**

65. *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**

66. *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**

67. *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**

68. *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**

69. *Collohmannia schusteri* Norton, 2006 ..... Pa Baltic amber

† ***Embolacarus* Sellnick, 1919** ..... **Palaeogene – Recent**

70. *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**

71. *Microtritia minima* (Berlese, 1904) **[Recent]** ..... Qt Germany

***Rhysotritia* Märkel & Meyer, 1959** ..... **Quaternary – Recent**

72. *Rhysotritia ardua* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany

73. *Rhysotritia duplicata* (Grandjean, 1953) **[Recent]** ..... Qt Germany

ORIBOTRITIIDAE Grandjean, 1954b ..... **Palaeogene – Recent**

= SABAHTRITIIDAE Mahunka, 1987

***Oribotritia* Jacot, 1924** ..... **Palaeogene – Recent**

74. *Oribotritia pyropus* (Sellnick, 1919) ..... Pa Baltic amber

75. *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**

76. *Hoplophthiacarus pavidus* (Berlese, 1913) **[Recent]** ..... Qt Karelia, Russia

***Phthiacarus* Perty, 1841** ..... **Palaeogene – Recent**

77. *Phthiacarus borealis* Trägardh, date? **[Recent]** ..... Qt Karelia, Russia

78. *Phthiacarus multipunctus* (Sellnick, 1919) ..... Pa Baltic amber

***Steganacarus* Ewing, 1917** ..... **Quaternary – Recent**

79. *Steganacarus applicatus* (Sellnick, 1920) **[Recent]** ..... Qt Denmark
80. *Steganacarus carinatus* (C. L. Koch, 1841) **[Recent]** ..... Qt Finland
81. *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**

82. *Camisia foveolata* Hammer, 1955 **[Recent]** ..... Qt western Norway
83. *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
84. *Camisia invenusta* (Michael, 1888) **[Recent]** ..... Qt western Norway
85. *Camisia lapponica* Trägårdh, 1910 **[Recent]** ..... Qt Karelia, Russia

† ***Eocamisia* Bulanova-Zachvatkina, 1974** ..... **Cretaceous**

86. *Eocamisia sukatshevae* Bulanova-Zachvatkina, 1974* ..... K Siberian amber

***Platynothrus* Berlese, 1913** ..... **Quaternary – Recent**

87. *Platynothrus peltifer* (C. L. Koch, 1839) **[Recent]** ..... Qt Greenland
88. *Platynothrus punctatus* (L. Koch, 1879) **[Recent]** ..... Qt northern Europe

CROTONIIDAE Thorell, 1876 ..... **Neogene – Recent**

= HOLONOTHRIDAE Wallwork, 1963

***Crotonia* Thorell, 1876** ..... **Neogene – Recent**

89. *Crotonia ramus* (Womersley, 1957) ..... Ne Australian retinite

HERMANNIIDAE Sellnick, 1928 ..... **Palaeogene – Recent**

= GALAPAGACARIDAE P. Balogh, 1985

***Hermannia* Nicolet, 1855** ..... **Palaeogene – Recent**

90. *Hermannia gibba* (C. L. Koch, 1839) **[Recent]** ..... Qt Finland
91. *Hermannia reticulata* Thorell, 1871 **[Recent]** ..... Qt Subarctic – Arctic
92. *Hermannia scabra* (L. Koch, 1879) **[Recent]** ..... Qt Greenland
93. *Hermannia sellnicki* Norton, 2006 ..... Pa Baltic amber

MALACONOTHRIDAE Berlese, 1916 ..... **Quaternary – Recent**

***Malaconothrus* Berlese, 1904** ..... **Quaternary – Recent**

94. *Malaconothrus monodactylus* (Michael, 1888) **[Recent]** ..... Qt Europe

***Trimalaconothrus* Berlese, 1916** ..... **Quaternary – Recent**

95. *Trimalaconothrus maior* (Berlese, 1910) **[Recent]** ..... Qt northern Europe

NANHERMANNIIDAE Sellnick, 1928 ..... **Quaternary – Recent**

***Nanhermannia* Berlese, 1913** ..... **Quaternary – Recent**

96. *Nanhermannia coronata* Berlese, 1913 **[Recent]** ..... Qt Karelia, Russia

97. *Nanhermannia elegantula* Berlese, 1913 **[Recent]** ..... Qt Germany

NOTHRIDAE Berlese, 1896 ..... **Paleogene – Recent**

***Nothrus* C. L. Koch, 1836** ..... **Paleogene – Recent**

98. *Nothrus illautus* Sellnick, 1919 ..... Pa Baltic amber

99. *Nothrus punctulum* Karsch, 1884 ..... Pa Baltic amber

100. *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**

101. *Juracarus serratus* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

***Mucronothrus* Trägårdh, 1931** ..... **Quaternary – Recent**

102. *Mucronothrus nasalis* (Willmann, 1929) **[Recent]** ..... Qt Karelia, Russia

† ***Palaeochthonius* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic – Recent**

103. *Palaeochthonius krasilovi* Krivolutsky *in* Kriv. & Krasilov, 1977 ..... J Russian far east

***Trhypochthonius* Berlese, 1904** ..... **Palaeogene – Recent**

104. *Trhypochthonius badiformis* Sellnick, 1931 ..... Pa Baltic amber

105. *Trhypochthonius cladonicola* (Willmann, 1919) **[Recent]** ..... Qt Germany

106. *Trhypochthonius corniculatus* Sellnick, 1931 ..... Pa Baltic amber

107. *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]

family uncertain

† ***Plategeocranus* Sellnick, 1919** ..... **Palaeogene**

108. *Plategeocranus sulcatus* (Karsch, 1884)* ..... Pa Baltic amber

† ***Strieremaeus* Sellnick, 1919** ..... **Palaeogene – Recent**

109. *Strieremaeus cordiformatus* Sellnick, 1919 ..... Pa Baltic amber

110. *Strieremaeus illibatus* Sellnick, 1919 ..... Pa Baltic amber

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**

111. *Hermanniella concamerata* Sellnick, 1931 ..... Pa Baltic amber

112. *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*

***Liodes* von Heyden, 1826** ..... **Neogene – Recent**

113. *Liodes brevitarsus* (Woolley, 1971) ..... Ne Chiapas amber

Liodes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Neoliodes* Berlese, 1888** ..... **Palaeogene – Recent**

114. *Neoliodes dominicus* Heethoff, Helfen & Norton, 2009 ..... Ne Dominican amber

115. *Neoliodes quadriscutatus* Sellnick, 1919 ..... Pa Baltic amber

***Platyliodes* Berlese, 1917** ..... **Palaeogene – Recent**

116. *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**

117. *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**

118. *Rasnitsynella punctulata* Krivoluckij, 1976 ..... K Taymir amber

DAMAEOIDEA Berlese, 1896 ..... **Paleogene – Recent**

DAMAEIDAE Berlese, 1896 ..... **Paleogene – Recent**

Damaeidae sp. *in* Aoki (1974) ..... Qt Mizunami amber

***Belba* von Heyden, 1826** ..... **Quaternary – Recent**

119. *Belba compta* (Kulczynski, 1902) **[Recent]** ..... Qt western Norway

120. *Belba cornyops* (Hermann, 1804)* **[Recent]** ..... Qt Finland

† ***Belbites* Pampaloni, 1902** ..... **Neogene**

121. *Belbites disodilis* Pampaloni, 1902* ..... Ne? Sicily

***Damaeobelba* Sellnick, 1928** ..... **Quaternary – Recent**

122. *Damaeobelba minutissima* (Sellnick, 1920) **[Recent]** ..... Qt Germany

***Damaeus* C. L. Koch, 1835** ..... **Paleogene – Recent**

123. *Damaeus auritus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

124. *Damaeus genadensis* Sellnick, 1931 ..... Pa Baltic amber

***Spatiodamaeus* Bulanova-Zachvatkina, 1967** ..... **Quaternary – Recent**

125. *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**

126. *Cepheus cepheiformis* (Nicolet, 1855) **[Recent]** ..... Qt Finland

127. *Cepheus dentatus* (Michael, 1888) **[Recent]** ..... Qt Finland

128. *Cepheus implicatus* (Sellnick, 1919) ..... Pa Baltic amber

129. *Cepheus latus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

***Eupterotegaeus* Berlese, 1916** ..... **Cretaceous – Recent**

130. *Eupterotegaeus bitranslamellatus* Arillo & Subías, 2002 ..... K Álava amber

***Ommatocepheus* Berlese, 1913** ..... **Cretaceous – Recent**

131. *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 Pfiffl, 1972 ..... **Recent**

no fossil record

PTEROBATIDAE Balogh & Balogh, 1992 ..... **Recent**

no fossil record

POLYPTEROZETOIDEA Grandjean, 1959 ..... **Recent**

PODOPTEROTEGAEIDAE Pfiffl, 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**

132. *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

EREMAEOIDEA Oudemans, 1900 ..... **Cretaceous – Recent**

= NIPHOCEPHOIDEA Travé, 1959 [a separate superfamily in some studies]

= ZETORCHESTOIDEA Michael, 1898 [a separate superfamily in some studies]

† **ARCHAEORCHESTIDAE Arillo & Subías, 2000** ..... **Cretaceous**

† ***Archaeorchestes* Arillo & Subías, 2000** ..... **Cretaceous**

133. *Archaeorchestes minguezae* Arillo & Subías, 2000 ..... K Álava amber

EREMAEIDAE Oudemans, 1900 ..... **Paleogene – Recent**

***Eremaeus* C. L. Koch, 1836** ..... **Paleogene – Recent**

134. *Eremaeus hepaticus* C. L. Koch, 1835* **[Recent]** ..... Qt Germany

135. *Eremaeus oblongus* **[Recent]** *fossilis* Sellnick, 1919 ..... Pa Baltic amber

***Eueremaeus* Mihelcic, 1963** ..... **Quaternary – Recent**

136. *Eueremaeus silvestris* (Forsslund, 1956) **[Recent]** ..... Qt Finland

† ***Gradidorsum* Sellnick, 1919** ..... **Palaeogene – Recent**

137. *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 ..... **Recent**

no fossil record

GUSTAVIOIDEA Oudemans, 1900 ..... **Jurassic – Recent**

= LIACAROIDEA Sellnick, 1928

ASTEGISTIDAE Balogh, 1961 ..... **Jurassic – Recent**

***Astegistes* Hull, 1916** ..... **Quaternary – Recent**

138. *Astegistes pilosus* (C. L. Koch, 1840) **[Recent]** ..... Qt Karelia, Russia

***Cultroribula* Berlese, 1908** ..... **Jurassic – Recent**

139. *Cultroribula jurassica* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

140. *Cultroribula lauta* Sellnick, 1931 ..... Pa Baltic amber

141. *Cultroribula superba* Sellnick, 1931 ..... Pa Baltic amber

GUSTAVIIDAE Oudemans, 1900 ..... **Quaternary – Recent**

***Gustavia* Kramer, 1879** ..... **Quaternary – Recent**

142. *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**

143. *Adoristes ovatus* (C. L. Koch, 1839)* **[Recent]** ..... Qt northern Europe

***Liacarus* Michael, 1898** ..... **Quaternary – Recent**

144. *Liacarus coracinus* (C. L. Koch, 1841) **[Recent]** ..... Qt Finland

***Xenillus* Robineau-Desvoidy, 1839** ..... **Paleogene – Recent**

145. *Xenillus tegeocraniformis* (Sellnick, 1919) ..... Pa Baltic amber

MULTORIBULIDAE Balogh, 1972 ..... **Recent**

no fossil record

PELOPPIIDAE Balogh, 1943 ..... **Paleogene – Recent**

***Ceratoppia* Berlese, 1908** ..... **Paleogene – Recent**

146. *Ceratoppia bipilis fossilis* Sellnick, 1919 ..... Pa Baltic amber

i. = *Oribates politus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

147. *Ceratoppia quadridentata* (Haller, 1882) **[Recent]** ..... Qt Finland

TENUIALIDAE Jacot, 1929 ..... **Quaternary – Recent**

***Hafenrefferia* Oudemans, 1906** ..... **Quaternary – Recent**

148. *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**

149. *Carabodes areolatus* Berlese, 1916 **[Recent]** ..... Qt Karelia, Russia

150. *Carabodes coriaceus* C. L. Koch, 1835* **[Recent]** ..... Qt Finland

151. *Carabodes coriaceus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

152. *Carabodes dissonus* Sellnick, 1931 ..... Pa Baltic amber

153. *Carabodes gerberi* Sellnick, 1931 ..... Pa Baltic amber

154. *Carabodes laybrinthicus* (Michael, 1879) **[Recent]** ..... Qt Europe

155. *Carabodes labyrinthicus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber

156. *Carabodes marginatus* (Michael, 1884) **[Recent]** ..... Qt Finland

157. *Carabodes minusculus* Berlese, 1923 **[Recent]** ..... Qt Germany

158. *Carabodes ornatus* Storkan, 1925 **[Recent]** ..... Qt Finland

159. *Carabodes subarcticus* Trägardh, 1902 **[Recent]** ..... Qt Finland

160. *Carabodes willmanni* Bernini, 1975 **[Recent]** ..... Qt western Norway

?*Carabodes* sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

† ***Carabodites* Pampaloni, 1902** ..... **Neogene?**

161. *Carabodites pavesii* Pampaloni, 1902* ..... Ne? Sicily

***Odontocepheus* Berlese, 1913** ..... **Quaternary – Recent**

162. *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

***Otocephaeus* Berlese, 1905** ..... **Paleogene – Recent**

163. *Otocephaeus niger* Sellnick, 1931 ..... Pa Baltic amber

164. *Otocephaeus 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**

165. *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**

166. *Dissorhina ornata* (Oudemans, 1900)* **[Recent]** ..... Qt Germany

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

167. *Oppia angustum* (Sellnick, 1931) ..... Pa Baltic amber

168. *Oppia cervicornu* (Sellnick, 1919) ..... Pa Baltic amber

169. *Oppites hurdi* Woolley, 1971 ..... Ne Chiapas amber

170. *Oppia longilamellata* **[Recent]** *fossilis* (Sellnick, 1931) ..... Pa Baltic amber

171. *Oppia medium* (Sellnick, 1931) ..... Pa Baltic amber

172. *Oppia mexicana* (Woolley, 1971) ..... Ne Chiapas amber

173. *Oppia setigera* (Woolley, 1971) ..... Ne Chiapas amber

174. *Oppia sucinum* (Sellnick, 1931) ..... Pa Baltic amber

?*Oppia* sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Oppiella* Jacot, 1937** ..... **Quaternary – Recent**

175. *Oppiella nova* (Oudemans, 1902)* **[Recent]** ..... Qt northern Europe

176. *Oppiella ornata* (Oudemans, 1900) **[Recent]** ..... Qt western Norway

177. *Oppiella splendens* (C. L. Koch, 1841) **[Recent]** ..... Qt western Norway

178. *Oppiella subpectinata* (Oudemans, 1900) **[Recent]** ..... Qt northern Europe

179. *Oppiella translamellata* (Willmann, 1923) **[Recent]** ..... Qt northern Europe

† ***Oppites* Pampaloni, 1902** ..... **Neogene**

180. *Oppites melilli* Pampaloni, 1902* ..... Ne? Sicily

***Ramusella* Hammer, 1962** ..... **Quaternary – Recent**

181. *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**

182. *Suctobelbella falcata* (Forsslund, 1941) **[Recent]** ..... Qt Germany
183. *Suctobelbella latirostris* (Strenzke, 1950) **[Recent]** ..... Qt Germany
184. *Suctobelbella longirostris* (Forsslund, 1941) **[Recent]** ..... Qt western Norway
185. *Suctobelbella sarekensis* (Forsslund, 1941) **[Recent]** ..... Qt Europe
186. *Suctobelbella similis* (Forsslund, 1941) **[Recent]** ..... Qt Germany
187. *Suctobelbella subcornigera* (Forsslund, 1941) **[Recent]** ..... Qt Germany
188. *Suctobelbella subtrigona* (Oudemans, 1916) **[Recent]** ..... Qt Europe
189. *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**

190. *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**

***Tectocephaeus* Berlese, 1895** ..... **Paleogene – Recent**

191. *Tectocephaeus minor* Berlese, 1903 **[Recent]** ..... Qt western Norway
192. *Tectocephaeus similis* Sellnick, 1931 ..... Pa Baltic amber
193. *Tectocephaeus velatus* (Michael, 1880)* **[Recent]** ..... Qt northern Europe

HYDROZETOIDEA Grandjean, 1954*b* ..... **Jurassic – Recent**

HYDROZETIDAE Grandjean, 1954*b* ..... **Jurassic – Recent**

***Hydrozetes* Berlese, 1902** ..... **Jurassic – Recent**

194. *Hydrozetes confervae* (Schrank, 1791) **[Recent]** ..... Qt western Norway
195. *Hydrozetes lacustris* (Michael, 1882)* **[Recent]** ..... Qt northern Europe
196. *Hydrozetes oryktosis* Woolley, 1969 ..... Qt Michigan
Hydrozetes sp. *in* Sivhead & Wallwork (1978) ..... J Sweden

LIMNOZETIDAE Thor, 1937 ..... **Quaternary – Recent**
***Limnozetes* Hull, 1916** ..... **Quaternary – Recent**
197. *Limnozetes ciliatus* (Schrank, 1803)* **[Recent]** ..... Qt northern Europe
198. *Limnozetes rugosus* (Sellnick, 1923) **[Recent]** ..... Qt northern Europe

AMERONOTHROIDEA Willmann, 1931 ..... **Quaternary – Recent**
AMERONOTHRIDAE Willmann, 1931 ..... **Quaternary – Recent**
***Ameronothrus* Berlese, 1896** ..... **Quaternary – Recent**
199. *Ameronothrus lineatus* (Thorell, 1871)* **[Recent]** ..... Qt Europe / Greenland
200. *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**
201. *Ametroproctus valeriae* Arillo, Subías & Shtanchaeva, 2009 ..... K San Just amber
***Cymbaeremaeus* Berlese, 1896** ..... **Paleogene – Recent**
202. *Cymbaeremaeus cymba* (Nicolet, 1855)* **[Recent]** ..... Qt northern Europe
† ***Jureremus* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic**
203. *Jureremeus foveolatus* Krivolutsky *in* Krivolutsky & Krasilov, 1977* ..... J Russian far east
204. *Jureremeus phippsi* Selden, Baker & Phipps, 2008 ..... J Yorkshire, UK
***Scapheremaeus* Berlese, 1910** ..... **Paleogene – Recent**
205. *Scapheremaeus undosus* Sellnick, 1919 ..... Pa Baltic amber
† ***Tectocymba* Sellnick, 1919** ..... **Paleogene – Recent**
206. *Tectocymba rara* Sellnick, 1919* ..... Pa Baltic amber

EREMAEOZETOIDEA Pfiffl, 1972 ..... **Paleogene – Recent**

= IDIOZETOIDEA Aoki, 1976

EREMAEOZETIDAE Pfiffl, 1972 ..... **Paleogene – Recent**

***Eremaeozetes* Berlese, 1913** ..... **Paleogene – Recent**

= † *Scutoribates* Sellnick, 1919

207. *Eremaeozetes perornatus* (Sellnick, 1919) ..... Pa Baltic amber

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 ..... **Recent**

no fossil record

ACHIPTERIOIDEA Thor, 1929 ..... **Jurassic – Recent**

ACHIPTERIIDAE Thor, 1929 ..... **Jurassic – Recent**

***Achipteria* Berlese, 1885** ..... **Jurassic – Recent**

223. *Achipteria coleoptera* (Linnaeus, 1757) **[Recent]** ..... Qt Finland / Greenland

224. ?*Achipteria obscura* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

***Parachipteria* van der Hammen, 1952** ..... **Quaternary – Recent**

225. *Parachipteria punctata* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

226. *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**

227. *Tegoribates latirostris* (C. L. Koch, 1844) **[Recent]** ..... Qt Finland

ORIBATELLOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

ORIBATELLIDAE Jacot, 1925 ..... **Palaeogene – Recent**

***Oribatella* Banks, 1895** ..... **Palaeogene – Recent**

228. *Oribatella berlesei* (Michael, 1898) **[Recent]** ..... Qt Finland

229. *Oribatella calcarata* (C. L. Koch, 1835) **[Recent]** ..... Qt Kerelia, Russia

230. *Oribatella mirabilis* Sellnick, 1931 ..... Pa Baltic amber

***Tectoribates* Berlese, 1910** ..... **Palaeogene – Recent**

231. *Tectoribates parvus* 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**

232. *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**

233. *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 amber

***Lucoppia* Berlese, 1908** ..... **Palaeogene – Recent**

234. *Lucoppia simplex* Sellnick, 1919 ..... Pa Baltic amber

***Oribatula* Berlese, 1895** ..... **Quaternary – Recent**

235. *Oribatula tibialis* (Nicolet, 1855)* **[Recent]** ..... Qt Europe

***Phauloppia* Berlese, 1908** ..... **Palaeogene – Recent**

236. *Phauloppia lucorum* (C. L. Koch, 1841) **[Recent]** ..... Qt northern Europe

237. *Phauloppia pellucida* (Sellnick, 1931) ..... Pa Baltic amber

***Sachalinella* Rjabinin *in* Krivolutzkii & Rjabinin, 1976** ..... **Palaeogene – Recent**

May be a homonym of a bivalve genus

238. *Sachalinella zherichini* Rjabinin *in* Krivolutzkii & Rjabinin, 1976 ..... Pa Sachalin amber

***Zygoribatula* Berlese, 1916** ..... **Quaternary – Recent**

239. *Zygoribatula exilis* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

ORIPODIDAE Jacot, 1925 ..... **Palaeogene – Recent**

= BIROBATIDAE J. Balogh & P. Balogh, 1984

***Benoibates* Balogh, 1958** ..... **Neogene – Recent**

240. *Benoibates chiapasensis* (Woolley, 1971) ..... Ne Chiapas amber

***Oripoda* Banks, 1904** ..... **Palaeogene – Recent**

241. *Oripoda baltica* Sellnick, 1931 ..... Pa Baltic amber

Oripoda sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Parapirnodus* Balogh & Mahunka, 1968** ..... **Neogene – Recent**

242. *Parapirnodus denaius* (Woolley, 1971) ..... Ne Chiapas amber

PARAKALUMMIDAE Grandjean, 1936*b* ..... **Palaeogene – Recent**

***Neoribates* Berlese, 1914** ..... **Palaeogene – Recent**

243. *Neoribates borussicus* Sellnick, 1931 ..... Pa Baltic amber

SCHELORIBATIDAE Grandjean, 1933 ..... **Palaeogene – Recent**

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

244. *Liebstadia similiformis* Sellnick, 1931 ..... Pa Baltic amber

245. *Liebstadia similis* (Michael, 1888)* **[Recent]** ..... Qt Europe / Greenland

***Scheloribates* Berlese, 1908** ..... **Palaeogene – Recent**

246. *Scheloribates apterus* Sellnick, 1931 ..... Pa Baltic amber

247. *Scheloribates areatus* Sellnick, 1931 ..... Pa Baltic amber

248. *Scheloribates durhami* (Woolley, 1971) ..... Ne Chiapas amber
249. *Scheloribates initialis* (Berlese, 1908) **[Recent]** ..... Qt Europe
250. *Scheloribates laevigatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe
251. *Scheloribates latipes* (C. L. Koch, 1844) **[Recent]** ..... Qt Europe
252. *Scheloribates pallidulus* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany
253. *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* ..... **Recent**

no fossil record

CERATOZETOIDEA Jacot, 1925 ..... **Paleogene – Recent**

CERATOKALUMMIDAE Balogh, 1970 ..... **Recent**

no fossil record

CERATOZETIDAE Jacot, 1925 ..... **Paleogene – Recent**

***Ceratozetes* Berlese, 1908** ..... **Quaternary – Recent**

254. *Ceratozetes gracilis* (Michael, 1884)* **[Recent]** ..... Qt Finland
255. *Ceratozetes minimus* Sellnick, 1928 **[Recent]** ..... Qt Germany
256. *Ceratozetes parvulus* Sellnick, 1922 **[Recent]** ..... Qt Germany

Diapterobates* Grandjean, 1936*b ..... **Quaternary – Recent**

257. *Diapterobates notatus* (Thorell, 1871) **[Recent]** ..... Qt Europe / Greenland

***Edwardzetes* Berlese, 1914** ..... **Quaternary – Recent**

258. *Edwardzetes edwardsi* (Nicolet, 1855)* **[Recent]** ..... Qt western Norway

***Fuscozetes* Sellnick, 1928** ..... **Quaternary – Recent**

259. *Fuscozetes fuscipes* (C. L. Koch, 1844)* **[Recent]** ..... Qt western Norway

***Melanozetes* Hull, 1916** ..... **Paleogene – Recent**

260. *Melanozetes foderatus* Sellnick, 1931 ..... Pa Baltic amber
261. *Melanozetes mollicomnus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber
262. *Melanozetes meridianus* Sellnick, 1928 **[Recent]** ..... Qt Greenland

Melanozetes sp. *in* Karppinen *et al.* (1979) ..... Qt Karelia, Russia

***Oromucia* Thor, 1930** ..... **Quaternary – Recent**

263. *Oromucia bicuspidata* Thor, 1930* **[Recent]** ..... Qt western Norway

264. *Oromucia lucens* (C. L. Koch, date?) **[Recent]** ..... Qt Greenland

***Sphaerozetes* Berlese, 1885** ..... **Paleogene – Recent**

265. *Sphaerozetes convexulus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

266. *Sphaerozetes pirifomis* (Nicolet, 1855) **[Recent]** ..... Qt Finland

267. *Sphaerozetes primus* Sellnick, 1931 ..... Pa Baltic amber

***Trichoribates* Berlese, 1910** ..... **Quaternary – Recent**

268. *Trichoribates biarea* Gjelstrup & Solhøy, 1994 **[Recent]** ..... Qt western Norway

269. *Trichoribates incisellus* (Kramer, 1897) **[Recent]** ..... Qt Europe

270. *Trichoribates monticola* (Trägardh, 1902) **[Recent]** ..... Qt western Norway

271. *Trichoribates setiger* (Trägardh, 1910) **[Recent]** ..... Qt western Norway

272. *Trichoribates trimaculatus* (C. L. Koch, 1835)* **[Recent]** ..... Qt northern Europe

CHAMOBATIDAE Thor, 1937 ..... **Paleogene – Recent**

***Chamobates* Hull, 1916** ..... **Paleogene – Recent**

273. *Chamobates borealis* (Trägardh, 1902) **[Recent]** ..... Qt western Norway

274. *Chamobates cuspidatus* (Michael, 1884) **[Recent]** ..... Qt Finland

275. *Chamobates difficilis* Sellnick, 1931 ..... Pa Baltic amber

EUZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Euzetes* Berlese, 1908** ..... **Quaternary – Recent**

276. *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**

277. *Mycobates consimilis* Hammer, 1952 **[Recent]** ..... Qt Greenland

278. *Mycobates parmeliae* (Michael, 1884) **[Recent]** ..... Qt Karelia, Russia

279. *Mycobates sarekenis* (Trägårdh, 1910) **[Recent]** ..... Qt western Norway

***Punctoribates* Berlese, 1908** ..... **Quaternary – Recent**

280. *Punctoribates punctum* (C. L. Koch, 1839) **[Recent]** ..... Qt Karelia, Russia

281. *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**

282. *Zetomimus furcatus* (Pearce & Warburton, 1906)* **[Recent]** ..... Qt Karelia, Russia

GALUMNOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

GALUMNELLIDAE Pfiffl, 1970 ..... **Quaternary – Recent**

***Galumnella* Berlese, 1917** ..... **Quaternary – Recent**

Galumnella sp. *in* Aoki (1974) ..... Qt Mizunami amber

GALUMNIDAE Jacot, 1925 ..... **Palaeogene – Recent**

Galumnidae spp. *in* Norton & Poinar (1993) ..... Pa Baltic amber

Acrogalumna* Grandjean, 1956*b ..... **Quaternary – Recent**

283. *Acrogalumna longipluma* (Berlese, 1904)* **[Recent]** ..... Qt Karelia, Russia

***Galumna* von Heyden, 1826** ..... **Palaeogene – Recent**

284. *Galumna clavata* Sellnick, 1931 ..... Pa Baltic amber

285. *Galumna diversa* Sellnick, 1931 ..... Pa Baltic amber

286. *Galumna lanceata* (Oudemanns, 1900) **[Recent]** ..... Qt Karelia, Russia

287. *Galumna obvia* (Berlese, 1915) **[Recent]** ..... Qt Finland

Galumna sp. *in* Karppinen & Koponen (1974) ..... Qt Finland

Pergalumna* Grandjean, 1936*b ..... **Quaternary – Recent**

288. *Pergalumna dorsalis* (C. L. Koch, 1835) **[Recent]** ..... Qt Finland

289. *Pergalumna nervosa* (Berlese, 1914)* **[Recent]** ..... Qt northern Europe

Pilogalumna* Grandjean, 1956*b ..... **Quaternary – Recent**

290. *Pilogalumna tenuiclava* (Berlese, 1908) **[Recent]** ..... Qt Germany

ASTIGMATA G. Canestrini, 1891 (cohort) ..... **Neogene – Recent**

= ACARIDIDA author, date?

SCHIZOGLYPHOIDEA Mahunka, 1978 ..... **Recent**

SCHIZOGLYPHIDAE Mahunka, 1978 ..... **Recent**

no fossil record

HISTIOSTOMATOIDEA Berlese, 1897 ..... **Recent**

GUANOLICHIDAE Fain, 1968 ..... **Recent**

no fossil record

HISTIOSTOMATIDAE Berlese, 1897 ..... **Recent**

no fossil record

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

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**

291. *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**

† ***Tyroglyphites*** **Pampaloni, 1902** ..... **Neogene – Recent**

292. *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 amber

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

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

71 currently valid species of fossil trigonotarbid

† **TRIGONOTARBIDA Petrunkevitch, 1949** ..... **Silurian – Permian**

= ANTHRACOMARTI Karsch, 1882

= MERIDOGASTRA Thorell & Lindström, 1885

= EURYMARTI Matthew, 1895

† ***Palaeotarbus*** **Dunlop, 1999** ..... **Silurian**

= † *Eotarbus* Dunlop, 1996 [preoccupied]

1. *Palaeotarbus jerami* (Dunlop, 1996)* ..... S Ludford Lane

† ***Alkenia*** **Størmer, 1970** ..... **Devonian**

2. *Alkenia mirabilis* Størmer, 1970* ..... D Alken an der Mosel

† **PALAEOCHARINIDAE Hirst, 1923** ..... **Devonian**

† ***Aculeatarbus*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

3. *Aculeatarbus depressus* Shear, Selden & Rolfe, 1987* ..... D Gilboa

† ***Gelasinotarbus*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

4. *Gelasinotarbus bifidus* Shear, Selden & Rolfe, 1987 ..... D Gilboa
5. *Gelasinotarbus bonamoae* Shear, Selden & Rolfe, 1987* ..... D Gilboa
6. *Gelasinotarbus heptops* Shear, Selden & Rolfe, 1987 ..... D Gilboa
7. *Gelasinotarbus reticulatus* Shear, Selden & Rolfe, 1987 ..... D Gilboa

† ***Gigantocharinus*** **Shear, 2000** ..... **Devonian**

8. *Gigantocharinus szatmaryi* Shear, 2000* ..... D Red Hill, USA

† ***Gilboarachne*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

9. *Gilboarachne griersoni* Shear, Selden & Rolfe, 1987* ..... D Gilboa

† ***Palaeocharinus*** **Hirst, 1923** ..... **Devonian**

= † *Palaeocharinoides* Hirst, 1923

10. *Palaeocharinus calmani* Hirst, 1923 ..... D Rhynie cherts
11. *Palaeocharinus hornei* (Hirst, 1923) ..... D Rhynie cherts
12. *Palaeocharinus kidstoni* Hirst, 1923 ..... D Rhynie cherts
13. *Palaeocharinus rhyniensis* Hirst, 1923* ..... D Rhynie cherts
14. *Palaeocharinus scourfieldi* Hirst, 1923 ..... D Rhynie cherts
15. *Palaeocharinus tuberculatus* Fayers, Dunlop & Trewin, 2005 ..... D Rhynie cherts

† **ANTHRACOMARTIDAE Haase, 1890** ..... **Carboniferous**

= † PROMYGALIDAE Frič, 1904

= † BRACHYPYGIDAE Pocock, 1911

= † CORYPHOMARTIDAE Petrunkevitch, 1945

= † PLEOMARTIDAE Petrunkevitch, 1945

† ***Anthracomartus*** **Karsch, 1882** ..... **Carboniferous**

16. *Anthracomartus granulatus* Frič, 1904 ..... C Nowa Ruda
17. *Anthracomartus voelkelianus* Karsch, 1882* ..... C Nowa Ruda

† ***Brachylycosa*** **Frič, 1904** ..... **Carboniferous**

= † *Perneria* Frič, 1904

18. *Brachylycosa carcinoides* (Frič, 1901)* ..... C Nýřany
    i. = *Promygale rotundata* Frič, 1901 ..... C Nýřany
    ii. = *Perneria salticoides* Frič, 1904 ..... C ?Nýřany
19. *Brachylycosa kustae* Petrunkevitch, 1953 ..... C Rakovník

† ***Brachypyge*** **Woodward, 1878*b*** ..... **Carboniferous**

20. *Brachypyge carbonis* Woodward, 1878*b** ..... C Mons

† ***Cleptomartus*** **Petrunkevitch, 1949** ..... **Carboniferous**

21. *Cleptomartus denuiti* (Pruvost, 1922) ..... C Charleroi
22. *Cleptomartus hangardi* Guthörl, 1965 ..... C Saar, Germany
23. *Cleptomartus plautus* Petrunkevitch, 1949* ..... C Coselely
24. *Cleptomartus planus* Petrunkevitch, 1949 ..... C Coseley

† ***Coryphomartus*** **Petrunkevitch, 1945*a*** ..... **Carboniferous**

25. *Coryphomartus triangularis* (Petrunkevitch, 1913)* ..... C Joggins

† ***Cryptomartus*** **Petrunkevitch, 1945*a*** ..... **Carboniferous**

26. *Cryptomartus hindi* (Pocock, 1911) ..... C Coseley
27. ?*Cryptomartus meyeri* Guthörl, 1964 ..... C Aachen
28. *Cryptomartus presti* Pocock, 1911 ..... C Coseley
29. *Cryptomartus radvanicensis* Opluštil, 1985 ..... C Radvanice
30. *Cryptomartus rebskei* Brauckmann, 1984 ..... C Saarbrücken

† ***Maiocercus*** **Pocock, 1911** ..... **Carboniferous**

31. *Maiocercus celticus* (Pocock, 1902)* ..... C Coal Measures
    i. = *Maiocercus orbicularis* Gill, 1911 ..... C Westhoughton

† ***Oomartus*** **Petrunkevitch, 1953** ..... **Carboniferous**

32. *Oomartus nyranensis* Petrunkevitch, 1953* ..... C Nýřany

† ***Pleomartus*** **Petrunkevitch, 1945*a*** ..... **Carboniferous**

33. *Pleomartus palatinus* (Ammon, 1901) ..... C Brücken, Germany
34. *Pleomartus trilobitus* (Scudder, 1884) ..... C Fayetteville

† ***Promygale*** **Frič, 1901** ..... **Carboniferous**

35. *Promygale bohemica* (Frič, 1901) ..... C Nýřany
36. *Promygale elegans* Frič, 1901 ..... C Nýřany
37. *Promygale minor* Kušta, 1884 ..... C Rakovník
    i. = *Anthracomartus socius* Kušta, 1888 ..... C Rakovník
38. *Promygale janae* Opluštil, 1986 ..... C Kladno

† **ANTHRACOSIRONIDAE Pocock, 1903*a*** ..... **Devonian – Carbon.**

† ***Anthracosiro*** **Pocock, 1903*a*** ..... **Carboniferous**

39. *Anthracosiro fritschii* Pocock, 1903*b* ..... C Coseley
    i. = *Anthracosiro elongatus* Waterlot, 1934 ..... C Marlebach, France
40. *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**

41. *Arianrhoda bennetti* Dunlop & Selden, 2004* ..... D Tredomen

† **TRIGONOTARBIDAE Petrunkevitch, 1949** ..... **Devonian – Carbon.**

† ***Archaeomartus levis*** **Størmer, 1970** ..... **Devonian – Carbon.**

42. *Archaeomartus levis* Størmer, 1970* ..... D Alken an der Mosel
43. *Archaeomartus roessleri* Dunlop & Brauckmann, 2006 ..... C Hagen-Vorhalle
44. *Archaeomartus tuberculatus* Størmer, 1970 ..... D Alken an der Mosel

† ***Trigonotarbus*** **Pocock, 1911** ..... **Devonian – Carbon.**

45. *Trigonotarbus arnoldi* Petrunkevitch, 1955*b* ..... C Decazeville
46. *Trigonotarbus johnsoni* Pocock, 1911* ..... C Coseley
47. *Trigonotarbus stoermeri* Schultka, 1991 ..... D Rheinischen Schief.

† **LISSOMARTIDAE Dunlop, 1995** ..... **Carboniferous**

† ***Lissomartus*** **Petrunkevitch, 1949** ..... **Carboniferous**

48. *Lissomartus carbonarius* (Petrunkevitch, 1913) ..... C Mazon Creek
49. *Lissomartus schucherti* (Petrunkevitch, 1913) ..... C Mazon Creek

† **APHANTOMARTIDAE Petrunkevitch, 1945*a*** ..... **Carbon. – Permian**

= † TRIGONOMARTIDAE Petrunkevitch, 1949

† ***Aphantomartus*** **Pocock, 1911** ..... **Carbon. – Permian**

= † *Trigonomartus* Petrunkevitch, 1913
= † *Phrynomartus* Petrunkevitch, 1945*a*

50. *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
51. *Aphantomartus ilfeldicus* (Scharf, 1924) ..... P Rotliegend
52. *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**

53. *Anzinia thevenini* (Pruvost, 1919)* ..... C Anzin

† ***Gondwanarache*** **Pinto & Hünicken, 1980** ..... **Carboniferous**

54. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* ..... C Bajo de Véliz

† ***Hemikreischeria*** **Frič, 1904** ..... **Carboniferous**

55. *Hemikreischeria geinitzi* (Thevenin, 1902)* ..... C France

† ***Kreischeria*** **Geinitz, 1882** ..... **Carboniferous**

56. *Kreischeria wiedei* Geinitz, 1882* ..... C Zwickau

† ***Pseudokreischeria*** **Petrunkevitch, 1953** ..... **Carboniferous**

57. *Pseudokreischeria pococki* (Gill, 1924) ..... C Crawcrook

i. = *Eophrynus varius* Petrunkevitch, 1949 ..... C Crawcrook

† **EOPHRYNIDAE Karsch, 1882** ..... **Carboniferous**

= † HEMIPHRYNIDAE Frič, 1904

† ***Areomartus*** **Petrunkevitch, 1913** ..... **Carboniferous**

58. *Areomartus ovatus* Petrunkevitch, 1913* ..... C West Virginia

† ***Eophrynus*** **Woodward, 1871*b*** ..... **Carboniferous**

59. *Eophrynus prestvicii* (Buckland, 1837)* ..... C Coalbrookdale

60. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 ..... C Hagen-Vorhalle

† ***Nyranytarbus*** **Harvey & Selden, 1995** ..... **Carboniferous**

= † *Hemiphrynus* Frič, 1901 [preoccupied]

61. *Nyranytarbus hofmanni* (Frič, 1901) ..... C Nýřany

62. *Nyranytarbus longipes* (Frič, 1901)* ..... C Nýřany

† ***Petrovicia*** **Frič, 1904** ..... **Carboniferous**

63. *Petrovicia proditoria* Frič, 1904* ..... C Petrovice

† ***Planomartus*** **Petrunkevitch, 1953** ..... **Carboniferous**

64. *Planomartus krejcii* (Kušta, 1883) ..... C Rakovník

i. = *Anthracomartus affinis* Kušta, 1885 ..... C Rakovník

† ***Pleophrynus*** **Petrunkevitch, 1945*a*** ..... **Carboniferous**

65. *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

† ***Pocononia*** **Petrunkevitch, 1953** ..... **Carboniferous**

66. *Pocononia whitei* (Ewing, 1930)* ..... C Pocono Shales

† ***Somaspidion*** **Jux, 1982** ..... **Carboniferous**

67. *Somaspidion hammapheron* Jux, 1982* ..... C Dinslaken

† ***Stenotrogulus*** **Frič, 1904** ..... **Carboniferous**

= † *Cyclotrogulus* Frič, 1904

= † *Pseudoeophrynus* Příbyl, 1958

68. *Stenotrogulus salmii* (Stur, 1877)* ..... C Ostrava

i. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] ..... C Ostrava

ii. = *Pseudoeophrynus ostraviensis* Příbyl, 1958 ..... C Ostrava

† ***Vratislavia*** **Frič, 1904** ..... **Carboniferous**

69. *Vratislavia silesica* (Roemer, 1878)* ..... C Silesia

TRIGONOTARBIDA *incertae sedis*

† ***Anthracophrynus* Andrée, 1913** ..... **Carboniferous**

70. *Anthracophrynus tuberculatus* Andrée, 1913* ..... C Dudweiler

† **'*Eophrynus*'**

71. '*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

1,106 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

ANTRODIAETIDAE Gertsch *in* Comstock, 1940 ..... **Cretaceous – Recent**

= BRACHYBOTHRIDAE Simon, 1892

= ACCATYMIDAE Kishida, 1930

† ***Cretacattyma* Eskov & Zonstein, 1990** ..... **Cretaceous**

19. *Cretacattyma raveni* Eskov & Zonstein, 1990* ..... K Central Mongolia

MECICOBOTHRIIDAE Holmberg, 1882 ..... **Cretaceous – Recent**

= HEXURIDAE Simon, 1889*b*

† ***Cretohexura* Eskov & Zonstein, 1990** ..... **Cretaceous**

20. *Cretohexura coylei* Eskov & Zonstein, 1990* ..... K Transbaikalia

† ***Cretomegahexura* Eskov & Zonstein, 1990** ..... **Cretaceous**

21. *Cretomegahexura platnicki* Eskov & Zonstein, 1990* ..... K Central Mongolia

HEXATHELIDAE Simon, 1892*b* ..... **Triassic – Recent**

† ***Rosamygale* Selden & Gall, 1992** ..... **Triassic**

22. *Rosamygale grauvogeli* Selden & Gall, 1992* ..... Tr Vosges, France

DIPLURIDAE Simon, 1889*b* ..... **Cretaceous – Recent**

† ***Clostes* Menge, 1869** ..... **Palaeogene**

23. *Clostes priscus* Menge, 1869* ..... Pa Baltic / Bitt. amber

† ***Cretadiplura* Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

24. *Cretadiplura ceara* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

† ***Dinodiplura* Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

25. *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

26. *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**

27. *Bolostromus destructus* Wunderlich, 1988 ..... Ne Dominican amber

CTENIZIDAE Thorell, 1887 ..... **Palaeogene – Recent**

= HALONOPROCTIDAE Pocock, 1903

† ***Baltocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

28. *Baltocteniza kulickae* Eskov & Zonstein, 2000 ..... Pa Baltic amber

† ***Electrocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

29. *Electrocteniza sadilenkoi* Eskov & Zonstein, 2000 ..... Pa Baltic amber

***Ummidia* Thorell, 1875** ..... **Palaeogene – Recent**

30. *Ummidia damzeni* Wunderlich, 2000 ..... Pa Baltic amber

31. *Ummidia malinowskii* Wunderlich, 2000 ..... Pa Baltic amber

Ummidia sp. *in* Wunderlich (2004*a*) ..... Pa Baltic 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**

32. *Cretamygale chasei* Selden, 2002* ..... K Isle of Wight

† ***Eodiplurina* Petrunkevitch, 1922** ..... **Palaeogene**

33. *Eodiplurina cockerelli* Petrunkevitch, 1922* ..... Pa Florissant

MICROSTIGMATIDAE Roewer, 1942 ..... **Neogene – Recent**

= MICROMYGALIDAE Wunderlich, 2004*b*

† ***Parvomygale* Wunderlich, 2004*b*** ..... **Neogene**

34. *Parvomygale distincta* Wunderlich, 2004*b** ..... Ne Dominican amber

BARYCHELIDAE Simon, 1889*b* ..... **Neogene – Recent**

Psalistops* Simon, 1889*b ..... **Neogene – Recent**

35. *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**

36. *Ischnocolinopsis acutus* Wunderlich, 1988* ..... Ne Dominican amber

PARATROPIDIDAE Simon, 1889*a* ..... **Recent**

no fossil record

ARANEOMORPHAE Smith, 1902 ..... Triassic – Recent

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 ..... **Cretaceous – Recent**

FILISTATIDAE Ausserer, 1867 ..... **Neogene – Recent**

***Misionella* Ramírez & Grismado, 1997** ..... **Neogene – Recent**

37. *Misionella didicostae* Penney, 2005*a* ..... Ne Dominican amber

SICARIIDAE Keyserling, 1880*a* ..... **Neogene – Recent**

= LOXOSCELIDAE Simon, 1893

***Loxosceles* Heineken & Lowe, 1832** ..... **Neogene – Recent**

38. *Loxosceles aculicaput* Wunderlich, 2004*c* ..... Ne Dominican amber
39. *Loxosceles defecta* Wunderlich, 1988 ..... Ne Dominican amber
40. *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**

41. *Scytodes marginalis* Wunderlich, 2004*as* ..... Qt Madagascan copal
42. *Scytodes piliformis* Wunderlich, 1988 ..... Ne Dominican amber
43. *Scytodes planithorax* Wunderlich, 1988 ..... Ne Dominican amber
44. *Scytodes stridulans* Wunderlich, 1988 ..... Ne Dominican amber
45. *Scytodes weitschati* Wunderlich, 1993*a* ..... Pa Baltic amber

Scytodes sp. *in* Wunderlich (1988) ..... Ne Dominican 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**

46. *Palaeohygropoda myanmarensis* Penney, 2004*c** ..... K Myanmar amber

† ***Pholcochyrocer* Wunderlich, 2008*d*** ..... **Cretaceous**

47. *Pholcochyrocer guttulaequae* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Praeterleptoneta* Wunderlich, 2008*d*** ..... **Cretaceous**

48. *Praeterleptoneta spinipes* Wunderlich, 2008*d** ..... K Myanmar amber

LEPTONETIDAE Simon, 1890 ..... **Palaeogene – Recent**

† ***Eoleptoneta* Wunderlich, 1991** ..... **Palaeogene**

49. *Eoleptoneta curvata* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
50. *Eoleptoneta duocalcar* Wunderlich, 2004*c* ..... Pa Baltic amber

51. *Eoleptoneta kutscheri* Wunderlich, 1991* ..... Pa Bitterfeld amber
52. *Eoleptoneta similis* Wunderlich, 2004*c* ..... Pa Baltic amber

† ***Oligoleptoneta*** **Wunderlich 2004c** ..... **Palaeogene**

53. *Oligoleptoneta altoculus* Wunderlich 2004*c** ..... Pa Baltic amber

TELEMIDAE Fage, 1913 ..... **Palaeogene – Recent**

Telema **Simon, 1882** ..... **Palaeogene – Recent**

54. ?*Telema moritzi* Wunderlich, 2004*c* ..... Pa Baltic / Bitt. amber

OCHYROCERATIDAE Fage, 1912 ..... **Neogene – Recent**

† ***Arachnolithulus*** **Wunderlich, 1988** ..... **Neogene**

55. *Arachnolithulus longipes* Wunderlich, 2004*c* ..... Ne Dominican amber
56. *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**

57. *Eopsiloderces loxosceloides* Wunderlich, 2008*d* ..... K Myanmar amber

† ***Furcembolus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

58. *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**

59. ?*Coryssocnemis velteni* Wunderlich, 2004*c* ..... Ne Dominican amber

Leptopholcus **Simon, 1893** ..... **Neogene**

60. *Leptopholcus kiskeya* Huber & Wunderlich, 2006 ..... Ne Dominican amber

Modisimus **Simon, 1893** ..... **Neogene – Recent**

61. *Modisimus calcar* Wunderlich, 1988 ..... Ne Dominican amber
62. *Modisimus calcaroides* Wunderlich, 1988 ..... Ne Dominican amber
63. *Modisimus crassifemoralis* Wunderlich, 1988 ..... Ne Dominican amber
64. *Modisimus oculatus* Wunderlich, 1988 ..... Ne Dominican amber
65. *Modisimus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber

Modisimus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Paraspermophora*** **Wunderlich, 2004c** ..... **Palaeogene**

66. *Paraspermophora bitterfeldensis* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
67. *Paraspermophora perplexa* Wunderlich, 2004*c** ..... Pa Baltic amber

Paraspermophora sp. *in* Wunderlich (2004*c*) ..... Pa Baltic / Bitt. amber

Pholcophora **Banks, 1896** ..... **Neogene – Recent**

68. *Pholcophora brevipes* Wunderlich, 1988 ..... Ne Dominican amber

69. *Pholcophora gracilis* Wunderlich, 1988 ..... Ne Dominican amber

70. *Pholcophora longicornis* Wunderlich, 1988 ..... Ne Dominican amber

***Quamtana* Huber, 2003** ..... **Palaeogene – Recent**

71. *Quamtana huberi* Penney, 2007*a* ..... Pa Le Quesnoy amber

† ***Serratochorus* Wunderlich, 1988** ..... **Neogene**

72. *Serratochorus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

PLECTREURIDAE Simon, 1893 ..... **Palaeogene – Recent**

† ***Palaeoplectreurys* Wunderlich, 2004c** ..... **Palaeogene**

73. *Palaeoplectreurys baltica* Wunderlich, 2004*c** ..... Pa Baltic amber

***Plectreurys* Simon, 1893** ..... **Neogene – Recent**

74. *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**

75. *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**

76. *Balticoblemma unicorniculum* Wunderlich, 2004*c** ..... Pa Baltic amber

***Monoblemma* Gertsch, 1941** ..... **Neogene**

77. ?*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**

78. ?*Ariadna amissiocoli* Wunderlich, 2008*d* ..... K Jordanian amber

79. *Ariadna copalis* Wunderlich, 2008*a* ..... Qt ?Madagascan copal

80. *Ariadna defuncta* Wunderlich 2004*c* ..... Pa Bitterfeld amber

81. *Ariadna hintzei* Wunderlich, 2004*as* ..... Qt Madagascan copal

82. *Ariadna ovalis* Wunderlich, 2008*a* ..... Pa Baltic amber

83. *Ariadna parva* Wunderlich, 2008*a* ..... Pa Baltic amber

84. *Ariadna paucispinosa* Wunderlich, 1988 ..... Ne Dominican amber
85. *Ariadna resinae* Hickman, 1957 ..... Ne? Australian copal
?*Ariadna* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Lebansegestria* Wunderlich 2008*d*** ..... **Cretaceous**

86. *Lebansegestria azari* Wunderlich, 2008*d** ..... K Lebanese amber

† ***Microsegestria* Wunderlich & Milki, 2004** ..... **Cretaceous**

87. *Microsegestria poinari* Wunderlich & Milki, 2004* ..... K Lebanese amber

† ***Palaeosegestria* Penney, 2004*a*** ..... **Cretaceous**

88. *Palaeosegestria lutzzii* Penney, 2004*a** ..... K New Jersey amber

Segestria* Latreille, 1804*a ..... **Cretaceous – Recent**

89. *Segestria cristata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
90. *Segestria flexio* Wunderlich, 2004*c* ..... Pa Baltic amber
91. *Segestria mortalis* Wunderlich 2004*c* ..... Pa Baltic amber
92. *Segestria plicata* Petrunkevitch, 1950 ..... Pa Baltic amber
93. *Segestria scudderi* Petrunkevitch, 1922 ..... Pa Florissant
94. *Segestria secessa* Scudder, 1890*a* ..... Pa Florissant
95. *Segestria succinei* Berland, 1939 ..... Pa Baltic amber
96. *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**

97. *Vetsegestria quinquespinosa* Wunderlich, 2004*c** ..... Pa Bitterfeld amber

DYSDERIDAE C. L. Koch, 1837 ..... **Palaeogene – Recent**

† ***Dasumiana* Wunderlich, 2004*c*** ..... **Palaeogene**

98. *Dasumiana emicans* Wunderlich, 2004*c** ..... Pa Baltic amber
99. ?*Dasumiana subita* (Petrunkevitch, 1958) ..... Pa Baltic amber
100. *Dasumiana valga* Wunderlich, 2004*c* ..... Pa Baltic amber

***Dysdera* Latreille, 1804** ..... **Palaeogene – Recent**

101. *Dysdera dilatata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Harpactea* Bristowe, 1939** ..... **Palaeogene – Recent**

102. *Harpactea communis* Wunderlich, 2004*c* ..... Pa Baltic amber
103. *Harpactea extincta* Petrunkevitch, 1950 ..... Pa Baltic amber
104. *Harpactea hombergi* (Scopoli, 1763) **[Recent]** ..... Qt England
105. *Harpactea tersa* (C. L. Koch & Berendt, 1854) ... [provisional transfer] Pa Baltic amber

Dysderidae?

† ***Mistura* Petrunkevitch, 1971** ..... **Neogene**

106. *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**

107. *Burmorchestina pulcher* Wunderlich, 2008*a** ..... K Myanmar amber

† ***Canadaorchestina*** **Wunderlich, 2008*a*** ..... **Cretaceous**

108. *Canadaorchestina albertenis* (Penney, 2006*a*)* ..... K Manitobian amber

† ***Eogamasomorpha*** **Wunderlich, 2008*d*** ..... **Cretaceous**

109. *Eogamasomorpha nubila* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Fossilopaea*** **Wunderlich, 1988** ..... **Neogene**

110. *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**

111. *Orchestina baltica* Petrunkevitch, 1942 ..... Pa Baltic amber

112. *Orchestina (Baltorchestina) bitterfeldensis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

113. *Orchestina breviembolus* Wunderlich, 1981 ..... Pa Baltic amber

114. *Orchestina (Baltorchestina) brevis* Wunderlich, 2008*a* ..... Pa Baltic amber

115. *Orchestina crassiembolus* Wunderlich, 1981 ..... Pa Baltic amber

116. *Orchestina (Baltorchestina) crassipatellaris* Wunderlich, 1981 ..... Pa Baltic amber

117. *Orchestina (Baltorchestina) crassitibialis* Wunderlich, 1981 ..... Pa Baltic amber

118. *Orchestina (Baltorchestina) colchembolus* Wunderlich, 1981 ..... Pa Baltic amber

119. *Orchestina colombiensis* Wunderlich, 2004*at* ..... Qt Colombian copal

120. *Orchestina dominicana* Wunderlich, 1981 ..... Ne Dominican amber

121. *Orchestina forceps* Wunderlich, 1981 ..... Pa Baltic amber

122. *Orchestina (Baltorchestina) furca* Wunderlich, 1981 ..... Pa Baltic amber

123. *Orchestina fushunensis* Wunderlich, 2004*au* ..... Pa Fu Shun amber

124. *Orchestina gracilitibialis* Wunderlich, 2004*c* ..... Pa Baltic amber

125. *Orchestina (Baltorchestina) imperialis* Petrunkevitch, 1963 ..... Pa Baltic amber

126. *Orchestina kenyana* Wunderlich, 1981 ..... Qt East African copal

127. *Orchestina longimana* Wunderlich, 1981 ..... Qt East African copal

128. *Orchestina madagascariensis* Wunderlich, 2004*as* ..... Qt Madagascan copal

129. *Orchestina mortua* Petrunkevitch, 1971 ..... Ne Chiapas amber

130. *Orchestina (Baltorchestina) multisetae* Wunderlich, 2008*a* ..... Pa Baltic amber

131. *Orchestina (Gallorchestina) parisiensis* Penney, 2007*b* ..... Pa Le Quesnoy amber

132. *Orchestina (Baltorchestina) perfecta* Wunderlich, 2008*a* ..... Pa Baltic amber

133. *Orchestina pusilla* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

134. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2008*a* ..... Pa Baltic amber

135. *Orchestina (Baltorchestina) sternalis* Wunderlich, 2008*a* ..... Pa Baltic amber

136. *Orchestina tibialis* Wunderlich, 1988 ..... Ne Dominican amber

137. *Orchestina truncata* Wunderlich, 2004*at* ..... Qt Colombian copal

138. *Orchestina tuberosa* Wunderlich, 1981 ..... Pa Baltic amber
Orchestina sp. *in* Nishikawa (1974) ..... Qt Mizunami amber

***Stenoonops* Simon, 1891** ..... **Palaeogene – Recent**

139. *Stenoonops incertus* (Wunderlich, 1988) ..... Ne Dominican amber
140. ?*Stenoonops rugosus* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
141. *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

† ***Plumorsolus* Wunderlich, 2008*d*** ..... **Cretaceous**

142. *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**

143. *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**

144. ?*Archaea bitterfeldensis* Wunderlich, 2004*d* ..... Pa Bitterfeld amber
145. *Archaea compacta* Wunderlich, 2004*d* ..... Pa Baltic amber
146. *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
147. *Archaea pougneti* Simon, 1884*b* ..... Pa Baltic amber

† ***Baltarchaea* Eskov, 1992** ..... **Palaeogene**

148. *Baltarchaea conica* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

† ***Burmesarchaea* Wunderlich, 2008*d*** ..... **Cretaceous**

149. *Burmesarchaea grimaldii* (Penney, 2003*a*) ..... K Myanmar amber

† ***Eoarchaea* Forster & Platnick, 1984** ..... **Palaeogene**

150. *Eoarchaea hyperoptica* (Menge *in* C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
151. *Eoarchaea vidua* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Eomysmauchenius* Wunderlich, 2008*d*** ..... **Cretaceous**

152. *Eomysmauchenius septentrionalis* Wunderlich, 2008*d** ..... K Myanmar amber

***Eriauchenius* O. P.-Cambridge, 1881** ..... **Quaternary – Recent**

153. *Eriauchenius gracilicollis* (Millot, 1948) **[Recent]** ..... Qt Copal
    i. = *Archaea copalensis* Lourenço, 2000*b* ..... Qt Copal

† ***Filiauchenius* Wunderlich, 2008*d*** ..... **Cretaceous**

154. *Filiauchenius paucidentatus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Jurarchaea*** **Eskov, 1987** ..... **Jurassic**

155. *Jurarchaea zherikhini* Eskov, 1987* ..... J Kazakhstan

† ***Lacunauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

156. *Launauchenius speciosus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Myrmecarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

157. *Myrmecarchaea petiolus* Wunderlich, 2004*d** ..... Pa Baltic amber

158. *Myrmecarchaea pediculus* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Patarchaea*** **Selden, Huang & Ren, 2008** ..... **Jurassic**

159. *Patarchaea muralis* Selden, Huang & Ren, 2008* ..... J Daohugou, China

† ***Saxonarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

160. *Saxonarchaea dentata* Wunderlich, 2004*d** ..... Pa Bitterfeld amber

161. *Saxonarchaea diabolica* Wunderlich, 2004*d* ..... Pa Bitterfeld amber

MECYSMAUCHENIIDAE Simon, 1895 ..... **Cretaceous – Recent**

† ***Archaemecys*** **Saupe & Selden, 2009** ..... **Cretaceous**

162. *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**

= TEXTRICELLIDAE Hickman, 1945

† ***Cenotextricella*** **Penney *in* Penney *et al*., 2007** ..... **Palaeogene**

163. *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**

164. *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**

165. *Burlagonomegops alavensis* Penney, 2006*b* ..... K Álava amber

166. *Burlagonomegops eskovi* Penney, 2005*b** ..... K Myanmar amber

† ***Grandoculus* Penney, 2005b** ..... **Cretaceous**

167. *Grandoculus chemahawinensis* (Penney, 2004*b*)* ..... K Manitobian amber

† ***Lagonomegops* Eskov & Wunderlich, 1995** ..... **Cretaceous**

168. *Lagonomegops americanus* Penney, 2005*b* ..... K New Jersey amber

169. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995* ..... K Taimyr amber

Lagonomegops sp. *in* Penney (2002) ..... K New Jersey amber

† ***Zarquagonomegops* Kaddumi, 2007** ..... **Cretaceous**

170. *Zarquagonomegops wunderlichi* Kaddumi, 2007* ..... K Jordanian amber

† **SPATIATORIDAE Petrunkevitch, 1942** ..... **Palaeogene**

† ***Spatiator* Petrunkevitch, 1942** ..... **Palaeogene**

171. *Spatiator caulis* Wunderlich, 2008*a* ..... Pa Baltic amber

172. *Spatiator martensi* Wunderlich, 2006 ..... Pa Baltic amber

173. *Spatiator praeceps* Petrunkevitch, 1942* ..... 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

† ***Mimetarchaea* Eskov, 1992** ..... **Palaeogene**

174. *Mimetarchaea gintaras* Eskov, 1992* ..... Pa Baltic amber

***Mimetus* Hentz, 1832** ..... **Palaeogene – Recent**

175. ?*Mimetus bituberculatus* Wunderlich, 1988 ..... Ne Dominican amber

176. ?*Mimetus brevipes* Wunderlich, 2004*q* ..... Pa Baltic amber

177. ?*Mimetus longipes* Wunderlich, 2004*q* ..... Pa Baltic amber

?*Mimetus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Palaeoero* Wunderlich, 2004q** ..... **Palaeogene**

178. *Palaeoero longitarsus* Wunderlich, 2004*q** ..... Pa Baltic amber

† ***Praeoarces* Wunderlich, 2004q** ..... **Palaeogene**

179. *Praeoarces exitus* Wunderlich, 2004*q** ..... Pa Baltic amber

† ***Succinero* Wunderlich, 2004q** ..... **Palaeogene**

180. *Succinero aberrans* (Petrunkevitch, 1958) ..... Pa Baltic amber

181. *Succinero carboneana* (Petrunkevitch, 1942)* ..... Pa Baltic amber

182. *Succinero permunda* (Petrunkevitch, 1942) ..... Pa Baltic amber
183. *Succinero rovnoensis* Wunderlich, 2004*ar* ..... Pa Rovno amber
184. *Succinero setulosa* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
Succinero sp. *in* Wunderlich (2004*q*) ..... Pa Baltic amber

ERESOIDEA C. L. Koch, 1851 ..... **Cretaceous – Recent**
ERESIDAE C. L. Koch, 1851 ..... **Recent**
no fossil record

'OECOBIOIDEA'
Oecobioidea fam. indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

OECOBIIDAE Blackwall, 1862 ..... **Cretaceous – Recent**
= UROCTEIDAE Thorell, 1869
† ***Lebanoecobius* Wunderlich, 2004e** ..... **Cretaceous**
185. *Lebanoecobius schleei* Wunderlich, 2004*e** ..... K Lebanese amber
† ***Mizalia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**
= † *Paruroctea* Petrunkevitch, 1942
186. *Mizalia blauvelti* (Petrunkevitch, 1942) ..... Pa Baltic amber
187. *Mizalia gemini* Wunderlich, 2004*e* ..... Pa Baltic amber
188. *Mizalia rostrata* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber
i. = *Mizalia pilosula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
189. *Mizalia spirembolus* Wunderlich, 2004*e* ..... Pa Baltic amber
***Oecobius* Lucas, 1846** ..... **?Cretaceous – Recent**
190. *Oecobius piliformis* Wunderlich, 1988 ..... Ne Dominican amber
?Oecobius sp. indet *in* Penney (2002) ..... K New Jersey amber
***Uroctea* Dufour, 1820** ..... **Palaeogene – Recent**
191. *Uroctea galloprovincialis* Gourret, 1887 ..... Pa Aix-en-Provence
† ***Zamilia* Wunderlich, 2008*d*** ..... **Cretaceous**
192. *Zamilia antecessor* Wunderlich, 2008*d* ..... K Lebanese amber

HERSILIIDAE Thorell, 1870*a* ..... **Palaeogene – Recent**
= CHALINUROIDAE Thorell, 1873
Hersiliidae sp. 1–3 *in* Wunderlich (2004*d*) ..... Pa Baltic amber
† ***Gerdia* Menge, 1869** ..... **Palaeogene**
193. *Gerdia myura* Menge, 1869* ..... Pa Baltic amber
† ***Gerdiopsis* Wunderlich, 2004*e*** ..... **Palaeogene**
194. *Gerdiopsis infrigens* Wunderlich, 2004*e** ..... Pa Baltic amber
† ***Gerdiorum* Wunderlich 2004*e*** ..... **Palaeogene**
195. *Gerdiorum inflexum* Wunderlich 2004*e** ..... Pa Baltic amber
***Hersilia* Audouin, 1826** ..... **Palaeogene**
196. *Hersilia aquisextana* Gourret, 1887 ..... Pa Aix-en-Provence

197. *Hersilia longipes* Giebel, 1856 ..... Pa Baltic amber
198. *Hersilia miranda* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Hersiliana* Wunderlich, 2004*e*** ..... **Quaternary – Recent**

199. *Hersiliana brevipes* Wunderlich, 2004*e** ..... Qt Madagascan copal

† ***Hersiliopsis* Wunderlich, 2004*e*** ..... **Quaternary – Recent**

200. *Hersiliopsis madagascarensis* Wunderlich, 2004*e* ..... Qt Madagascan copal

† ***Prototama* Petrunkevitch, 1971** ..... **Neogene**

= † *Priscotama* Petrunkevitch, 1971

201. *Prototama antiqua* (Petrunkevitch, 1971) ..... Ne Chiapas amber
202. *Prototama maior* (Wunderlich, 1988) ..... Ne Dominican amber
203. *Prototama media* (Wunderlich, 1988) ..... Ne Dominican amber
204. *Prototama minor* (Wunderlich, 1987) ..... Ne Dominican amber
205. *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**

206. *Burmascutum aenigma* Wunderlich, 2008*d* ..... K Myanmar amber

† **SALTICOIDIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Salticoidus* Wunderlich, 2008*d*** ..... **Cretaceous**

207. *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**

Menneus* Simon, 1876*b ..... **Palaeogene – Recent**

208. ?*Menneus pietrzeniukae* Wunderlich, 2004*g* ..... Pa Baltic amber

?*Menneus* sp. 1–3 *in* Wunderlich (2004*g*) ..... Pa Baltic amber

† ***Palaeomicromennus* Penney, 2003*b*** ..... **Cretaceous**

209. *Palaeomicromenneus lebanensis* Penney, 2003*b** ..... K Lebanese amber

ULOBORIDAE Thorell, 1869 ..... **Cretaceous – Recent**

† ***Burmuloborus* Wunderlich, 2008*d*** ..... **Cretaceous**

210. *Burmuloborus parvus* Wunderlich, 2008*d* ..... K Myanmar amber

† ***Eomiagrammopes* Wunderlich, 2004*f*** ..... **Palaeogene**

211. *Eomiagrammopes maior* Wunderlich, 2004*f* ..... Pa Baltic amber
212. *Eomiagrammopes minor* Wunderlich, 2004*f* ..... Pa Baltic amber
213. *Eomiagrammopes singularis* Wunderlich, 2004*f** ..... Pa Baltic amber
214. *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**

215. *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

216. *Hyptiotes convexus* Wunderlich, 2004*f* ..... Pa Baltic amber

217. *Hyptiotes glaber* Wunderlich, 2004*f* ..... Pa Baltic amber

218. *Hyptiotes militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

219. *Hyptiotes saetosus* Wunderlich, 2004*f* ..... Pa Baltic amber

220. *Hyptiotes stellatus* Wunderlich, 2004*f* ..... Pa Baltic amber

221. *Hyptiotes triqueter* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Miagrammopes* O. P.-Cambridge, 1870** ..... **Neogene – Recent**

222. *Miagrammopes dominicanus* Wunderlich, 2004*e* ..... Ne Dominican amber

Miagrammopes sp. *in* Penney (2001) ..... Ne Dominican amber

† ***Opellianus* Wunderlich, 2004*f*** ..... **Palaeogene**

223. *Opellianus excellens* Wunderlich, 2004*f** ..... Pa Baltic amber

224. *Opellianus kazimierasi* Wunderlich 2004*f* ..... Pa Baltic amber

225. *Opellianus ludwigi* Wunderlich 2004*f* ..... Pa Baltic amber

† ***Palaeomiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

226. *Palaeomiagrammopes vesica* Wunderlich, 2008*d* ..... K Myanmar amber

† *Palaeouloborus* Selden, 1990 ..... **Cretaceous**

227. *Palaeouloborus lacasae* Selden, 1990* ..... K Sierra de Montsech

† ***Paramiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

228. *Paramiagrammopes cretaceus* Wunderlich, 2008*d* ..... K Myanmar amber

Paramiagrammopes sp. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Ulobomopes* Wunderlich, 2004*f*** ..... **Palaeogene**

229. *Ulobomopes unicus* Wunderlich, 2004*f** ..... Pa Baltic amber

ARANEOIDEA Latreille, 1806 ..... **Triassic – Recent**

Araneoidea fam indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Argyrarachne* Selden *in* Selden *et al*., 1999** ..... **Triassic**

230. *Argyrarachne solitus* Selden *in* Selden *et al*., 1999* ..... Tr Virginia

† ***Mesarania* Hong, 1984** ..... **Jurassic**

231. *Mesarania hebeiensis* Hong, 1984* ..... J Hebei, China

† ***Triassaraneus* Selden *in* Selden *et al*., 1999** ..... **Triassic**

232. *Triassaraneus andersonorum* Selden *in* Selden *et al*., 1999* ..... Tr KwaZulu-Natal

CYATHOLIPIDAE Simon, 1894 ..... **Palaeogene – Recent**

= TEEMENAARIDAE Davies, 1978

† ***Balticolipus* Wunderlich, 2004*m*** ..... **Palaeogene**

233. *Balticolipus kruemmeri* Wunderlich, 2004*m** ..... Pa Baltic / Bitt. amber

† ***Cyathosuccinus* Wunderlich, 2004*m*** ..... **Palaeogene**

234. *Cyathosuccinus elongatus* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Erigolipus* Wunderlich, 2004*m*** ..... **Palaeogene**

235. *Erigolipus griswoldi* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Spinilipus* Wunderlich, 1993*b*** ..... **Palaeogene**

236. *Spinilipus bispinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

237. *Spinilipus curvatus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

238. *Spinilipus glinki* Wunderlich, 2004*m* ..... Pa Baltic amber

239. *Spinilipus kerneggeri* Wunderlich, 1993*b** ..... Pa Baltic amber

240. *Spinilipus longembolus* Wunderlich, 2004*m* ..... Pa Baltic amber

† ***Succinilipus* Wunderlich, 1993*b*** ..... **Palaeogene**

241. *Succinilipus abditus* Wunderlich, 2004*m* ..... Pa Baltic / Bitt. amber

242. *Succinilipus aspinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

243. *Succinilipus saxoniensis* Wunderlich, 1993*b* ..... Pa Bitterfeld amber

244. *Succinilipus similis* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

245. *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

246. *Acrometa clava* Wunderlich, 2004*n* ..... Pa Baltic amber

247. *Acrometa cristata* Petrunkevitch, 1942* ..... Pa NE Europe ambers

i. = *Theridiometa edwardsi* Petrunkevitch, 1942 ..... Pa Baltic amber

ii. = *Viocurus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber

248. *Acrometa eichmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

249. *Acrometa incidens* Wunderlich, 2004*n* ..... Pa Baltic amber

250. *Acrometa minutum* (Petrunkevitch, 1942) ..... Pa Baltic amber

251. *Acrometa pala* Wunderlich, 2004*n* ..... Pa Baltic amber

252. *Acrometa robusta* (Petrunkevitch, 1942) ..... Pa Baltic amber

253. *Acrometa pseudorobusta* (Dunlop & Jekel, 2009) ..... Pa Baltic amber

i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]

254. *Acrometa samlandica* (Petrunkevitch, 1942) ..... Pa Baltic amber

255. *Acrometa setosus* (Petrunkevitch, 1942) ..... Pa Baltic amber

256. *Acrometa succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Anandrus* Menge, 1856** ..... **Palaeogene**

= † *Elucus* Petrunkevitch, 1942

257. *Anandrus inermis* (Petrunkevitch, 1942) ..... Pa Baltic amber

258. *Anandrus infelix* (Petrunkevitch, 1950)* ..... Pa Baltic amber
259. *Anandrus quaesitus* (Petrunkevitch, 1958) ..... Pa Baltic amber
260. *Anandrus redemptus* (Petrunkevitch, 1958) ..... Pa Baltic amber

† ***Chelicerinus*** **Wunderlich, 2008*a*** ..... **Palaeogene**

261. *Chelicerinus abnormis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

† ***Cornuanandrus*** **Wunderlich, 1986** ..... **Palaeogene**

262. *Cornuanandrus bifurcatus* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
263. *Cornuanandrus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
264. *Cornuanandrus corniculans* Wunderlich, 2004*n* ..... Pa Baltic amber
265. *Cornuanandrus maior* Wunderlich, 1986* ..... Pa Baltic amber
266. *Cornuanandrus minor* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Dubiosynotaxus*** **Wunderlich, 2004n** ..... **Palaeogene**

267. *Dubiosynotaxus perfectus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Eosynotaxus*** **Wunderlich, 2004n** ..... **Palaeogene**

268. *Eosynotaxus bispinosus* Wunderlich, 2004*n* ..... Pa Baltic amber
269. *Eosynotaxus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
270. *Eosynotaxus custodens* Wunderlich, 2004*n* ..... Pa Baltic amber
271. *Eosynotaxus fastigatus* Wunderlich, 2004*n* ..... Pa Baltic amber
272. *Eosynotaxus paucispina* Wunderlich, 2004*n* ..... Pa Baltic amber
273. *Eosynotaxus spinipes* Wunderlich, 2004*n* ..... Pa Baltic amber
274. *Eosynotaxus wegneri* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Gibbersynotaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

275. *Gibbersynotaxus parvus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Protophysoglenes*** **Wunderlich, 2004*n*** ..... **Palaeogene**

276. *Protophysoglenes impressum* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Pseudoacrometa*** **Wunderlich, 1986** ..... **Palaeogene**

277. *Pseudoacrometa gracilipes* Wunderlich, 1986* ..... Pa Baltic amber
278. *Pseudoacrometa wittmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Succinitaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

279. *Succinitaxus brevis* Wunderlich, 2004*n** ..... Pa Baltic/Bitt. amber
280. ?*Succinitaxus minutus* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Sulcosynotaxus*** **Wunderlich, 2004*n*** ..... **Palaeogene**

281. *Sulcosynotaxus cavatus* Wunderlich, 2004*n** ..... Pa Baltic amber

NESTICIDAE Simon, 1894 ..... **Palaeogene – Recent**

† ***Balticonesticus*** **Wunderlich, 1986** ..... **Palaeogene**

282. *Balticonesticus flexuosus* Wunderlich, 1986* ..... Pa Baltic amber

† ***Eopopino*** **Petrunkevitch, 1942** ..... **Palaeogene**

283. *Eopopino budrysi* Eskov & Marusik, 1992 ..... Pa Baltic amber
284. *Eopopino inopinatus affinis* Wunderlich, 1986 ..... Pa Baltic amber
285. *Eopopino inopinatus inopinatus* Wunderlich, 1986 ..... Pa Baltic amber

286. *Eopopino longipes* Petrunkevitch, 1942* ..... Pa Baltic amber
287. *Eopopino palanga* Eskov & Marusik, 1992 ..... Pa Baltic amber
288. *Eopopino rarus rarus* Wunderlich, 1986 ..... Pa Baltic amber
289. *Eopopino rarus solitarius* Wunderlich, 1986 ..... Pa Baltic amber
290. *Eopopino rudloffi* Wunderlich, 2004*o* ..... Pa Bitterfeld amber
Eopopino sp. *in* Wunderlich (1986) ..... Pa Bitterfeld amber

† ***Heteronesticus* Wunderlich, 1986** ..... **Palaeogene**
291. *Heteronesticus magnoparacymbialis* Wunderlich, 1986* ..... Pa Baltic amber

† ***Hispanonesticus* Wunderlich, 1986** ..... **Neogene**
292. *Hispanonesticus latopalpus* Wunderlich, 1986* ..... Ne Dominican amber

THERIDIIDAE Sundevall, 1833 ..... **?Jurassic – Recent**
= PHYCOIDAE Thorell, 1873
= EPISINIDAE O. P.-Cambridge, 1879*a*
= HADROTARSIDAE Thorell, 1881
Theridiidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami amber

***Achaearanea* Strand, 1929** ..... **Neogene – Recent**
293. *Achaearanea extincta* Wunderlich, 1988 ..... Ne Dominican amber
Achaearanea sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Argyrodes* Simon, 1864** ..... **Neogene – Recent**
294. *Argyrodes (Ariamnes) copalis* Wunderlich, 2008*b* ..... Qt Colombian copal
295. *Argyrodes (Rhomphaea) gibbifera* Wunderlich, 2004*as* ..... Qt Madagascar copal
296. *Argyrodes parvipatellaris* Wunderlich, 1988 ..... Ne Dominican amber
Argyrodes sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Balticoridion* Wunderlich, 2008*b*** ..... **Palaeogene**
297. *Balticoridion dubium* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

† ***Balticpholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**
298. *Balticpholcomma scutatum* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Caudasinus* Wunderlich, 2008*b*** ..... **Palaeogene**
299. *Caudasinus bispinosus* Wunderlich, 2008*b* ..... Pa Baltic amber
300. *Caudasinus caudatus* Wunderlich, 2008*b** ..... Pa Baltic amber
301. *Caudasinus regeneratus* Wunderlich, 2008*b* ..... Pa Baltic amber
Caudasinus sp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

***Chrosiothes* Simon, 1894** ..... **Neogene – Recent**
302. *Chrosiothes biconigerus* Wunderlich, 1988 ..... Ne Dominican amber
303. *Chrosiothes curvispinosus* Wunderlich, 1988 ..... Ne Dominican amber
304. *Chrosiothes emulgatus* Wunderlich, 1988 ..... Ne Dominican amber
305. *Chrosiothes longispinosus* Wunderlich, 1988 ..... Ne Dominican amber
306. *Chrosiothes monoceros* Wunderlich, 1988 ..... Ne Dominican amber
307. *Chrosiothes tumulus* Wunderlich, 1988 ..... Ne Dominican amber
308. *Chrosiothes unicornis* Wunderlich, 1988 ..... Ne Dominican amber

Chrysso* O. P.-Cambridge, 1882*a ..... **Neogene – Recent**

309. *Chrysso conspicua* Wunderlich, 1988 ..... Ne Dominican amber
310. *Chrysso dubia* Wunderlich, 1988 ..... Ne Dominican amber

† ***Clavibertus* Wunderlich, 2008*b*** ..... **Palaeogene**

311. *Clavibertus parvus* Wunderlich, 2008*b* ..... Pa Baltic amber
312. *Clavibertus prominens* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Clya* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

313. *Clya abdita* Wunderlich, 2008*b* ..... Pa Baltic amber
314. *Clya lugubris* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber
315. *Clya calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
316. *Clya gracilis* (Petrunkevitch, 1958) ..... Pa Baltic amber
317. *Clya granulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
318. *Clya obscura* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
319. *Clya rotata* Wunderlich, 2008*b* ..... Pa Baltic amber
320. *Clya supercalefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
321. *Clya superspiralis* Wunderlich, 2008*b* ..... Pa Baltic amber
322. *Clya tricurvata* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Cornutidion* Wunderlich, 1988** ..... **Neogene**

323. *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**

324. *Cymbiopholcomma dudum* Wunderlich, 2008*b** ..... Pa Baltic amber
325. *Cymbiopholcomma spiculum* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Dipoenata* Wunderlich, 1988** ..... **Neogene**

326. *Dipoenata altioculata* Wunderlich, 1988 ..... Ne Dominican amber
327. *Dipoenata cala* Wunderlich, 1988 ..... Ne Dominican amber
328. *Dipoenata clypeata* Wunderlich, 1988 ..... Ne Dominican amber
329. *Dipoenata globulus* Wunderlich, 1988 ..... Ne Dominican amber
330. *Dipoenata praedominicana* (Wunderlich, 1986) ..... Qt Dominican copal
331. *Dipoenata stipes* Wunderlich, 1988* ..... Ne Dominican amber
332. *Dipoenata yolandae* Wunderlich, 1988 ..... Ne Dominican amber

Dipoenata sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Eoasagena* Wunderlich, 2008*b*** ..... **Palaeogene**

333. *Eoasagena scutata* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eolyrifer* Wunderlich, 2008*b*** ..... **Palaeogene**

334. *Eolyrifer longitibialis* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eomysmena* Petrunkevitch, 1942** ..... **Palaeogene – Neogene**

= † *Antopia* Menge, 1854 [tentative synonomy]
= † *Astodipoena* Petrunkevitch, 1958
= † *Eodipoena* Petrunkevitch, 1942

335. *Eomysmena asta* Petrunkevitch, 1971 ..... Ne Chiapas amber

336. *Eomysmena aviceps* Wunderlich, 2008*b* ..... Pa Baltic amber
337. *Eomysmena calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
338. *Eomysmena crassa* (Petrunkevitch, 1958) ..... Pa Baltic amber
339. *Eomysmena baltica* Petrunkevitch, 1946 ..... Pa Baltic amber
340. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) ..... Pa Baltic amber
341. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) ..... Pa Baltic amber
342. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
343. *Eomysmena moritura* Petrunkevitch, 1942* ..... Pa Baltic amber
    i. = *Eomysmena consulta* (Petrunkevitch, 1958) [tentative synonomy] ..... Pa Baltic amber
344. *Eomysmena nielseni* (Petrunkevitch, 1958) ..... Pa Baltic amber
345. *Eomysmena oculata* (Petrunkevitch, 1942) ..... Pa Baltic amber
346. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
347. *Eomysmena recta* Wunderlich, 2008*b* ..... Pa Baltic amber
348. *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**

349. *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]

350. *Episinus anapidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
351. *Episinus antecognatus* Wunderlich, 1986 ..... Qt Dominican copal
352. *Episinus appendix* Wunderlich, 2008*b* ..... Pa Baltic amber
353. *Episinus arrodens* Wunderlich, 2008*b* ..... Pa Baltic amber
354. *Episinus balticus* Marusik & Penney, 2004 ..... Pa Baltic / Bitt. amber
355. *Episinus brevipalpus* Wunderlich, 1988 ..... Ne Dominican amber
356. *Episinus bulla* Wunderlich, 2008*b* ..... Pa Baltic amber
357. *Episinus chiapasanus* (Petrunkevitch, 1971) ..... Ne Chiapas amber
358. *Episinus clunis* Wunderlich, 2008*b* ..... Pa Baltic amber
359. *Episinus cochlear* Wunderlich, 2008*b* ..... Pa Baltic amber
360. *Episinus cornutus* Wunderlich, 1988 ..... Ne Dominican amber
361. *Episinus cymbialis* Wunderlich, 2008*b* ..... Pa Baltic amber
362. *Episinus dimidius* Wunderlich, 2008*b* ..... Pa Baltic amber
363. *Episinus eskovi* Marusik & Penney, 2004 ..... Pa Baltic amber
364. *Episinus isopteraque* Wunderlich, 2008*b* ..... Pa Baltic amber
365. *Episinus latus* Wunderlich, 2008*b* ..... Pa Baltic amber
366. *Episinus longimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
    i. = *Malleator niger* Petrunkevitch, 1942 ..... Pa Baltic amber

367. *Episinus longisoma* Wunderlich, 2008*b* ..... Pa Baltic amber
368. *Episinus minutus* (Petrunkevitch, 1958) ..... Pa Baltic amber
369. *Episinus mordellidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
370. *Episinus musculus* Wunderlich, 2008*b* ..... Pa Baltic amber
371. *Episinus mutilus* (Petrunkevitch, 1958) ..... Pa Baltic amber
372. *Episinus nausticymbium* Wunderlich, 2008*b* ..... Pa Baltic amber
373. *Episinus neglectus* (Petrunkevitch, 1942) ..... Pa Baltic amber
374. *Episinus penneyi* Garcia-Villafuerte, 2006*a* ..... Ne Chiapas amber
375. *Episinus praecognatus* Wunderlich, 1982 ..... Ne Dominican amber
376. *Episinus pulcher* (Petrunkevitch, 1942) ..... Pa Baltic amber
377. *Episinus regalis* (Petrunkevitch, 1958) ..... Pa Baltic amber
378. *Episinus stridulus* (Petrunkevitch, 1958) ..... Pa Baltic amber
379. *Episinus isopteraque* Wunderlich, 2008*b* ..... Pa Baltic amber
380. *Episinus transversus* Wunderlich, 2008*b* ..... Pa Baltic amber
381. *Episinus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber

Episinus spp. in Wunderlich (2008*b*) ..... Pa Baltic amber

***Euryopis* Menge, 1868** ..... **Palaeogene – Recent**

382. ?*Euryopis araneoides* Wunderlich, 2008*b* ..... Pa Baltic amber
383. *Euryopis bitterfeldensis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
384. *Euryopis nexus* Wunderlich, 2008*b* ..... Pa Baltic amber
385. *Euryopis streyi* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

† ***Euryopus* Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

386. *Euryopus gracilipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Faiditus* Keyserling, 1884** ..... **Neogene – Recent**

387. *Faiditus crassipatellaris* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Globulidion* Wunderlich, 2008*b*** ..... **Palaeogene**

388. *Globulidion cochlea* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Hirsutipalpus* Wunderlich, 2008*b*** ..... **Palaeogene**

389. *Hirsutipalpus varipes* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Kochiuridion* Wunderlich, 2008*b*** ..... **Palaeogene**

390. *Kochiuridion scutatum* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

***Lasaeola* Simon, 1881** ..... **Palaeogene – Recent**

= † *Nactodipoena* Petrunkevitch, 1942 [a subgenus *in* Wunderlich (2008*b*)]

391. *Lasaeola acumen* Wunderlich, 2008*b* ..... Pa Baltic amber
392. *Lasaeola baltica* (Marusik & Penney, 2004) ..... Pa Baltic amber
393. *Lasaeola bitterfeldensis* Wunderlich, 2008*b* ..... Pa Bitterfeld amber
394. *Lasaeola communis* Wunderlich, 2008*b* ..... Pa Baltic amber
395. *Lasaeola (Nactodipoena) dunbari* (Petrunkevitch, 1942) ..... Pa Baltic amber
396. ?*Lasaeola furca* Wunderlich, 2008*b* ..... Pa Baltic amber
397. *Lasaeola germanica* (Petrunkevitch, 1958) ..... Pa Baltic amber
398. *Lasaeola infulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Bitt. Amber

399. *Lasaeola larvaque* Wunderlich, 2008*b* ..... Pa Baltic amber
400. *Lasaeola latisulci* Wunderlich, 2008*b* ..... Pa Baltic amber
401. *Lasaeola pristina* (Wunderlich, 1986) ..... Ne Dominican amber
402. *Lasaeola puta* Wunderlich, 1988 ..... Ne Dominican amber
403. *Lasaeola sexsaetosa* Wunderlich, 2008*b* ..... Pa Baltic amber
404. ?*Lasaeola sigillata* Wunderlich, 2008*b* ..... Pa Bitterfeld amber
405. *Lasaeola vicina* (Wunderlich, 1982) ..... Ne Dominican amber
406. *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**

407. *Medela baltica* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mimetidion* Wunderlich, 2008*b*** ..... **Palaeogene**

408. *Mimetidion furca* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Nanomysmena* Petrunkevitch, 1958** ..... **Palaeogene**

409. *Nanomysmena aculeata* Petrunkevitch, 1958 ..... Pa Baltic amber
410. *Nanomysmena munita* Petrunkevitch, 1958 ..... Pa Baltic amber
411. *Nanomysmena palanga* Marusik & Penney, 2004 ..... Pa Baltic amber
412. *Nanomysmena petrunkevitchi* Marusik & Penney, 2004 ..... Pa Baltic amber
413. *Nanomysmena pseudogracilis* Marusik & Penney, 2004 ..... Pa Baltic amber

† ***Nanosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

414. *Nanosteatoda breviscutum* Wunderlich, 2008*b* ..... Pa Baltic amber
415. *Nanosteatoda trisetae* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Obscuropholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

416. *Obscuropholcomma tegens* Wunderlich, 2008*b** ..... Pa Baltic amber

***Phoroncidia* Westwood, 1835** ..... **Quaternary – Recent**

417. *Phoroncidia* ?*aculeata* Westwood, 1835 **[Recent]** ..... Qt Madagas. Copal

† ***Praetereuryopis* Wunderlich, 2008*b*** ..... **Palaeogene**

418. *Praetereuryopis phoroncidoides* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Pronepos* Petrunkevitch, 1963** ..... **Neogene**

419. *Pronepos exilis* Petrunkevitch, 1963* ..... Ne Chiapas amber
420. *Pronepos fossilis* Petrunkevitch, 1963 ..... Ne Chiapas amber

† ***Protosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

421. *Protosteatoda gutta* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Pseudoteutana* Wunderlich, 2008*b*** ..... **Palaeogene**

422. *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**

423. *Rugopholcomma patellaris* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinisinus* Wunderlich, 2008*b*** ..... **Palaeogene**

424. *Spinisinus parvioculi* Wunderlich, 2008*b* ..... Pa Baltic amber
425. *Spinisinus splendidus* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinitharinus* Wunderlich, 2008*b*** ..... **Palaeogene**

426. *Spinitharinus bulbosus* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber
427. *Spinitharinus cheliceratus* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
428. *Spinitharinus coniectens* Wunderlich, 2008*b* ..... Pa Baltic amber
429. *Spinitharinus curvatus* Wunderlich, 2008*b* ..... Pa Baltic amber
430. *Spinitharinus cymbioseta* Wunderlich, 2008*b* ..... Pa Baltic amber

Spinitharinus spp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

***Spintharus* Hentz, 1850** ..... **Neogene – Recent**

431. *Spintharus longisoma* Wunderlich, 1988 ..... Ne Dominican amber

***Steatoda* Sundevall, 1833** ..... **?Palaeogene – Recent**

432. '*Steatoda*' *anticus* (Berland, 1939) ..... Pa Baltic amber

***Stemmops* O. P.-Cambridge, 1894** ..... **Neogene – Recent**

433. *Stemmops incertus* Wunderlich, 1988 ..... Ne Dominican amber
434. *Stemmops prominens* Wunderlich, 1988 ..... Ne Dominican amber

***Styposis* Simon, 1894** ..... **Neogene – Recent**

435. *Styposis pholcoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Succinobertus* Wunderlich, 2008*b*** ..... **Palaeogene**

436. *Succinobertus adjacens* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Succinura* Wunderlich, 2008*b*** ..... **Palaeogene**

437. *Succinura aciesaeta* Wunderlich, 2008*b* ..... Pa Baltic amber
438. *Succinura bellavista* Wunderlich, 2008*b** ..... Pa Baltic amber
439. *Succinura circuita* Wunderlich, 2008*b* ..... Pa Baltic amber
440. *Succinura dubia* Wunderlich, 2008*b* ..... Pa Baltic amber
441. *Succinura fuscoruber* Wunderlich, 2008*b* ..... Pa Baltic amber
442. *Succinura ovalis* Wunderlich, 2008*b* ..... Pa Baltic amber

Succinura sp. *in* Wunderlich (2008b) ..... Pa Baltic amber

***Theridion* Walckenaer, 1805** ..... **?Jurassic – Recent**

443. '*Theridion*' *alutaceum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
444. *Theridion annulipes* Heer, 1865 ..... Ne Öhningen
445. *Theridion atalus* Chang, 2004 [generic assignment unreliable!] ..... K Jehol Biota
446. '*Theridion*' *berendti* Marusik & Penney, 2004 ..... Pa Baltic amber

i. = *Theridion globosa* C. L. Koch & Berendt, 1854 [preoccupied]

447. *Theridion bucklandi* Thorell, 1870*a* ..... Pa Aix-en-Provence
448. *Theridion contrarium* Wunderlich, 1988 ..... Ne Dominican amber
449. *Theridion crassipalpum* Berland, 1939 ..... Pa Aix-en-Provence
450. '*Theridion*' *detersum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
451. *Theridion erectoides* Wunderlich, 1988 ..... Ne Dominican amber
452. *Theridion erectum* Wunderlich, 1988 ..... Ne Dominican amber
453. '*Theridion*' *globosus* (Presl, 1822) ..... Pa Baltic amber

454. *Theridion globulus* Heer, 1865 ..... Ne Öhningen
455. '*Theridion*' *hirtum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
456. *Theridion inversum* Wunderlich, 1988 ..... Ne Dominican amber
457. *Theridion maculipes* Heer, 1865 ..... Ne Öhningen
458. '*Theridion*' *oblongum* (Presl, 1822) ..... Pa Baltic amber
459. '*Theridion*' *ovale* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
460. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
461. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
462. *Theridion variosoma* Wunderlich, 1988 ..... Ne Dominican amber
463. *Theridion wunderlichi* Penney, 2001 ..... Ne Dominican amber
    i. = *Theridion ovale* Wunderlich, 1988 [preoccupied]

† ***Thyelia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

464. *Thyelia anomala* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
465. *Thyelia convexa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
466. *Thyelia fossula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
467. *Thyelia marginata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
468. *Thyelia pallida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
469. *Thyelia scotina* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
470. *Thyelia tristis* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber
471. *Thyelia villosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Ulesanis* L. Koch, 1872** ..... **Palaeogene – Recent**

472. *Ulesanis antecessor* Wunderlich, 2008*b* ..... Pa Baltic Amber
473. *Ulesanis frontprocera* Wunderlich, 2008*b* ..... Pa Baltic Amber
474. *Ulesanis longicymbium* Wunderlich, 2008*b* ..... Pa Baltic Amber
475. *Ulesanis ovalis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
476. *Ulesanis parva* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

† ***Unispinatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

477. *Unispinatoda aculeata* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Vicipholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

478. *Vicipholcomma spiralis* Wunderlich, 2008*b** ..... Pa Baltic Amber

Theridiidae *incertae sedis*

479. '*Eomysmena*' *succini* (Petrunkevitch, 1942) ..... Pa Baltic amber
480. *'Anelosimus' clypeatus* Wunderlich, 1988 ..... Ne Dominican amber

THERIDIOSOMATIDAE Simon, 1881 ..... **Palaeogene – Recent**

Theridiosomatidae gen. et sp. indet *in* Wunderlich (2004*i*) ..... Pa Baltic amber

† ***Eoepeirotypus* Wunderlich, 2004*j*** ..... **Palaeogene**

481. *Eoepeirotypus retrobulbus* Wunderlich, 2004*j** ..... Pa Baltic amber

Eoepeirotypus sp. *in* Wunderlich (2004) ..... Pa Bitterfeld amber

† ***Eotheridiosoma* Wunderlich, 2004*j*** ..... **Palaeogene**

482. *Eotheridiosoma tuber* Wunderlich, 2004*j** ..... Pa Bitterfeld amber

483. *Eotheridiosoma volutum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

† ***Palaeoepeirotypus* Wunderlich, 1988** ..... **Neogene**

484. *Palaeoepeirotypus iuvenis* Wunderlich, 1988* ..... Ne Dominican amber

485. *Palaeoepeirotypus iuvenoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Spinitheridiosoma* Wunderlich, 2004*j*** ..... **Palaeogene**

NB: type species designated from the wrong genus!

486. *Spinitheridiosoma balticum* Wunderlich, 2004*j* ..... Pa Baltic amber

487. *Spinitheridiosoma bispinosum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

488. *Spinitheridiosoma rima* Wunderlich, 2004*j* ..... Pa Baltic amber

Theridiosoma* O. P.-Cambridge, 1879*b ..... **Neogene – Recent**

489. *Theridiosoma incompletum* Wunderlich, 1988 ..... Ne Dominican amber

† ***Umerosoma* Wunderlich, *2004j*** ..... **Palaeogene**

490. *Umerosoma multispina* Wunderlich, 2004*j** ..... Pa Baltic amber

SYMPHYTOGNATHIDAE Hickman, 1931 ..... **Recent**

no fossil record

ANAPIDAE Simon, 1895 ..... **Palaeogene – Recent**

† ***Balticonopsis* Wunderlich, 2004*k*** ..... **Palaeogene**

491. *Balticonopsis bispina* Wunderlich, 2004*k* ..... Pa Baltic amber

492. *Balticonopsis bitterfeldensis* Wunderlich, 2004*k* ..... Pa Bitterfeld amber

493. *Balticonopsis bulbosa* Wunderlich, 2004*k* ..... Pa Baltic amber

494. *Balticonopsis ceranowiczae* Wunderlich, 2004*k* ..... Pa Baltic amber

495. *Balticonopsis holti* Wunderlich, 2004*k** ..... Pa Baltic amber

496. *Balticonopsis perkovskyi* Wunderlich, 2004*ar* ..... Pa Rovno amber

497. *Balticonopsis thomasi* Wunderlich, 2004*k* ..... Pa Baltic amber

Balticonopsis sp. *in* Wunderlich (2004*k*) ..... Pa Baltic amber

† ***Balticoroma* Wunderlich, 2004*k*** ..... **Palaeogene**

= † *Balticorma* [*sic*] Weitschat & Wichard, 2002 [*nomen nudum*]

498. *Balticoroma ernstorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber

499. *Balticoroma gracilipes* Wunderlich 2004*k* ..... Pa Baltic/Bitt. amber

500. *Balticoroma reschi* Wunderlich, 2004*k** ..... Pa Baltic amber

501. *Balticoroma serafinorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber

502. *Balticoroma tibialis* Wunderlich, 2004*k* ..... Pa Baltic amber

† ***Dubianapis* Wunderlich, 2004*k*** ..... **Palaeogene**

503. *Dubianapis obscura* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Flagellanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

504. *Flagellanapis voigti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Fossilanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

505. *Fossilanapis anderseri* Wunderlich, 2004*k* ..... Pa Baltic amber

506. *Fossilanapis baetcheri* Wunderlich, 2004*k** ..... Pa Baltic amber

507. *Fossilanapis eichmanni* Wunderlich, 2004*k* ..... Pa Baltic amber

508. *Fossilanapis flexiotarsus* Wunderlich, 2004*k* ..... Pa Baltic amber
509. *Fossilanapis saltans* Wunderlich, 2004*k* ..... Pa Baltic amber
510. *Fossilanapis unispinum* Wunderlich, 2004*k* ..... Pa Baltic amber
Fossilanapis sp. *in* Wunderlich (2004*k*) ..... Pa Bitterfeld amber

† ***Palaeoanapis* Wunderlich, 1988** ..... **Neogene**
511. *Palaeoanapis nana* Wunderlich, 1988* ..... Ne Dominican amber

† ***Ruganapis* Wunderlich, 2004*k*** ..... **Palaeogene**
512. *Ruganapis scutata* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Saxonanapis* Wunderlich, 2004*k*** ..... **Palaeogene**
513. *Saxonanapis grabenhorsti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Tuberanapis* Wunderlich, 2004*k*** ..... **Palaeogene**
514. *Tuberanapis parvibulbus* Wunderlich, 2004*k** ..... Pa Baltic amber

MYSMENIDAE Petrunkevitch, 1928 ..... **Palaeogene – Recent**
Mysmeninae sp. *in* Wunderlich (2004*ar*) ..... Pa Rovno amber

† ***Dominicanopsis* Wunderlich, 2004*k*** ..... **Neogene**
515. *Dominicanopsis grimaldii* Wunderlich, 2004*k** ..... Ne Dominican amber

† ***Eomysmenopsis* Wunderlich, 2004*k*** ..... **Palaeogene**
516. *Eomysmenopsis spinipes* Wunderlich, 2004*k** ..... Pa Baltic / Bitt. Amber

***Mysmena* Simon, 1894** ..... **Palaeogene – Recent**
517. *Mysmena dominicana* Wunderlich, 1998 ..... Qt Madagascan copal
518. *Mysmena fossilis* Petrunkevitch, 1971 ..... Ne Chiapas amber
519. *Mysmena groehni* Wunderlich, 2004*k* ..... Pa Baltic / Bitt. amber
520. *Mysmena grotae* Wunderlich, 2004*k* ..... Pa Baltic amber

Mysmenopsis* Simon, 1897*b ..... **Neogene – Recent**
521. *Mysmenopsis lissycoleyae* Penney, 2000 ..... Ne Dominican amber

† ***Palaeomysmena* Wunderlich, 2004*k*** ..... **Palaeogene**
522. *Palaeomysmena hoffeinsorum* Wunderlich, 2004*k** ..... Pa Baltic amber

† **BALTSUCCINIDAE Wunderlich, 2004*l*** ..... **Palaeogene**

† ***Baltsuccinus* Wunderlich, 2004*l*** ..... **Palaeogene**
523. *Baltsuccinus flagellaceus* Wunderlich, 2004*l** ..... Pa Baltic amber
524. *Baltsuccinus similis* Wunderlich, 2004*l* ..... Pa Baltic amber

† **PROTHERIDIIDAE Wunderlich, 2004*l*** ..... **Cretaceous – Palaeo.**

† ***Praetheridion* Wunderlich, 2004*l*** ..... **Palaeogene**
525. *Praetheridion fleissneri* Wunderlich, 2004*l** ..... Pa Baltic amber

† ***Protheridion* Wunderlich, 2004*l*** ..... **Palaeogene**
526. *Protheridion bitterfeldensis* Wunderlich, 2004*l* ..... Pa Bitterfeld amber
527. *Protheridion detritus* Wunderlich, 2004*l* ..... Pa Baltic amber
528. *Protheridion obscurum* Wunderlich, 2004*l* ..... Pa Baltic amber

529. *Protheridion punctatum* Wunderlich, 2004*l* ..... Pa Baltic amber

530. *Protheridion tibialis* Wunderlich, 2004*l** ..... Pa Baltic amber

† ***Zarqaraneus* Wunderlich, 2008*d*** ..... **Cretaceous**

531. *Zarqaraneus hudae* Wunderlich, 2008*d** ..... K Jordanian amber

SYNAPHRIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

† ***Iardinidis* Wunderlich 2004*k*** ..... **Palaeogene**

532. *Iardinidis brevipes* Wunderlich, 2004*k** ..... Pa Baltic amber

PIMOIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

***Pimoa* Chamberlin & Ivie, 1943** ..... **Palaeogene – Recent**

533. *Pimoa expandens* Wunderlich, 2004*r* ..... Pa Baltic amber

534. *Pimoa (Eopimoa) hormigai* Wunderlich, 2004*r* ..... Pa Baltic amber

535. *Pimoa inopinata* Wunderlich, 2004*r* ..... Pa Baltic amber

536. *Pimoa liedtkei* Wunderlich, 2004*r* ..... Pa Baltic amber

537. *Pimoa lingua* Wunderlich, 2004*r* ..... Pa Baltic amber

538. *Pimoa (Eopimoa) longiscapus* Wunderlich, 2008*a* ..... Pa Baltic amber

539. *Pimoa multicuspuli* Wunderlich, 2004*r* ..... Pa Baltic amber

540. *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**

541. *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

Linyphiinae gen. et sp. indet *in* Penney & Selden (2002) ..... K Lebanese amber

† ***Agynetiphantes* Wunderlich, 2004*s*** ..... **Palaeogene**

542. *Agynetiphantes gibbiferus* Wunderlich, 2004*s** ..... Pa Baltic amber

***Ceratinopsis* Emerton, 1882** ..... **Quaternary – Recent**

543. *Ceratinopsis deformans* (Wunderlich, 1998) ..... Qt Madagascan copal

Cnephalocotes* Simon, 1884*c ..... **Quaternary – Recent**

544. *Cnephalocotes obscurus* (Blackwall, 1834*b*) **[Recent]** ..... Qt England

† ***Custodela* Petrunkevitch, 1942** ..... **Palaeogene**

= † *Obnisus* Petrunkevitch, 1942 [tenative synonomy]

545. *Custodela acuta* Wunderlich, 2004*s* ..... Pa Baltic amber
546. *Custodela acutula* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
547. *Custodela bispina* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
548. *Custodela bispinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
549. *Custodela cheiracantha* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
550. *Custodela clava* Wunderlich, 2004*s* ..... Pa Baltic amber
551. *Custodela curva* Wunderlich, 2004*s* ..... Pa Baltic amber
552. *Custodela curvata* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
553. *Custodela divergens* Wunderlich, 2004*s* ..... Pa Baltic amber
554. *Custodela expandens* Wunderlich, 2004*s* ..... Pa Baltic amber
555. *Custodela falcata* Wunderlich, 2004*s* ..... Pa Baltic amber
556. *Custodela femurspinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
557. *Custodela henningseni* Wunderlich, 2004*s* ..... Pa Baltic amber
558. *Custodela kochi* Wunderlich, 2004*s* ..... Pa Baltic amber
559. *Custodela lamellata* (Wunderlich, 1988) ..... Pa Baltic amber
560. *Custodela lanx* Wunderlich, 2004*s* ..... Pa Baltic amber
561. *Custodela oblonga* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
562. *Custodela obtusa* Wunderlich, 2004*s* ..... Pa Baltic amber
563. ?*Custodela parva* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
564. *Custodela pseudokochi* Wunderlich, 2004*s* ..... Pa Baltic amber
565. *Custodela stridulans* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
566. *Custodela tenuipes* (Petrunkevitch, 1942) ..... Pa Baltic amber
567. *Custodela tibialis* Wunderlich, 2004*s* ..... Pa Baltic amber

Custodela sp. *in* Wunderlich (2004*s*) ..... Pa Bitterfeld amber

† ***Custodelela* Wunderlich, 2004s** ..... **Palaeogene**

568. *Custodelela hamata* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

† ***Eolabulla* Wunderlich, 2004s** ..... **Palaeogene**

569. *Eolabulla falcata* Wunderlich, 2004*s* ..... Pa Baltic amber
570. *Eolabulla gladiformis* Wunderlich, 2004*s* ..... Pa Baltic amber
571. *Eolabulla laminata* Wunderlich, 2004*s** ..... Pa Baltic amber
572. *Eolabulla perforata* Wunderlich, 2004*s* ..... Pa Baltic amber
573. *Eolabulla sagitta* Wunderlich, 2004*s* ..... Pa Baltic amber
574. *Eolabulla similis* Wunderlich, 2004*s* ..... Pa Baltic amber

Eolabulla sp. 1–2 *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Eophantes* Wunderlich, 2004s** ..... **Palaeogene**

575. *Eophantes complicatus* Wunderlich, 2004*s** ..... Pa Baltic amber

***Erigone* Audouin, 1826** ..... **Neogene – Recent**

Erigone sp. *in* Hopkins *et al*. (1976) ..... Qt Alaska

576. *Erigone atra* Blackwall, 1833 **[Recent]** ..... Qt England
577. ?*Erigone dechenii* Bertkau, 1878*b* ..... Ne Rott, Germany

***Floricomus* Crosby & Bishop, 1925** ..... **Neogene – Recent**

578. *Floricomus fossilis* Penney, 2005*c* ..... Ne Dominican amber

***Gonatium* Menge, 1868** ..... **Quaternary – Recent**

579. *Gonatium rubens* (Blackwall, 1833) **[Recent]** ..... Qt England

***Hypselistes* Simon, 1894** ..... **Quaternary – Recent**

580. *Hypselistes jacksoni* (O. P.-Cambridge, 1902) **[Recent]** ..... Qt England

Linyphia* Latreille, 1804*a ..... **Palaeogene – Recent**

581. *Linyphia andraei* Bertkau, 1878*b* ..... Ne Rott, Germany

582. *Linyphia byrami* Cockerell, 1925 ..... Pa Green River

583. *Linyphia florissanti* Petrunkevitch, 1922 ..... Pa Florissant

584. *Linyphia pachygnathoides* Petrunkevitch, 1922 ..... Pa Florissant

585. *Linyphia quievreuxi* Berland, 1939 ..... Pa Aix-en-Provence

586. *Linyphia retensa* Scudder, 1890*a* ..... Pa Florissant

587. *Linyphia rottensis* Bertkau, 1878*b* ..... Ne Rott, Germany

588. *Linyphia seclusa* (Scudder, 1890*a*) ..... Pa Florissant

† ***Malepellis* Petrunkevitch, 1971** ..... **Neogene**

589. *Malepellis extincta* Petrunkevitch, 1971* ..... Ne Chiapas amber

***Meioneta* Hull, 1920** ..... **Neogene – Recent**

590. *Meioneta bigibber* (Wunderlich, 1988) ..... Ne Dominican amber

591. *Meioneta fastigata* (Wunderlich, 1988) ..... Ne Dominican amber

592. *Meioneta separata* (Wunderlich, 1988) ..... Ne Dominican amber

Meioneta sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Micryphantes* C. L. Koch, 1833** ..... **Palaeogene**

593. *Micryphantes molybdinus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

594. *Micryphantes regularis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mystagogus* Petrunkevitch, 1942** ...[Wunderlich suggests possibly in Cyatholipidae] **Palaeogene**

595. *Mystagogus dubius* Petrunkevitch, 1958 ..... Pa Baltic amber

596. *Mystagogus glaber* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Paralabulla* Wunderlich, 2004*s*** ..... **Palaeogene**

597. *Paralabulla bitterfeldensis* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

598. ?*Paralabulla dubia* Wunderlich, 2004*s* ..... Pa Baltic amber

599. *Paralabulla succinifera* Wunderlich, 2004*s* ..... Pa Baltic amber

Paralabulla sp. *in* Wunderlich (2004*s*) ..... Pa Bitterfeld amber

Pocadicnemis* Simon, 1884*c ..... **Quaternary – Recent**

600. *Pocadicnemis pumila* (Blackwall, 1841) **[Recent]** ..... Qt England

***Savignia* Blackwall, 1833** ..... **Quaternary – Recent**

601. *Savignia frontata* Blackwall, 1833 **[Recent]** ..... Qt England

***Selenyphantes* Gertsch & Davis, 1946** ..... **Neogene – Recent**

= † *Palaeolinyphia* Wunderlich, 1986

602. *Selenyphantes flagellifera* (Wunderlich, 1986) ..... Ne Dominican amber

† ***Succineta* Wunderlich, 2004*s*** ..... **Palaeogene**

603. *Succineta brevispina* Wunderlich, 2004*s* ..... Pa Baltic amber

604. *Succineta discoidalis* Wunderlich, 2004*s** ..... Pa Baltic amber

Succineta sp. *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Succiphantes* Wunderlich, 2004*s*** ..... **Palaeogene**

605. *Succiphantes tanasevitchi* Wunderlich, 2004*s* ..... Pa Baltic amber

606. *Succiphantes velteni* Wunderlich, 2004*s** ..... Pa Baltic amber

***Toschia* Caporiacco, 1949** ..... **Quaternary – Recent**

607. ?*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**

608. *Anameta distenda* Wunderlich, 2004*h** ..... Pa Bitterfeld amber

609. *Anameta kuntneri* Wunderlich, 2008*a* ..... Pa Baltic amber

***Azilia* Keyserling, 1882** ..... **Neogene – Recent**

610. *Azilia hispaniolensis* Wunderlich, 1988 ..... Ne Dominican amber

i. = *Azilia muellenmeisteri* Wunderlich, 1988 ..... Ne Dominican amber

Azilia sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Baltleucauge* Wunderlich, 2008*a*** ..... **Palaeogene**

611. *Baltleucauge gillespiae* Wunderlich 2008*a** ..... Pa Baltic amber

† ***Corneometa* Wunderlich, 2004*h*** ..... **Palaeogene**

612. *Corneometa baltica* Wunderlich 2004*h** ..... Pa Baltic amber

613. *Corneometa pilosipes* Wunderlich 2004*h* ..... Pa Baltic amber

***Cyrtognatha* Keyserling, 1882** ..... **Neogene – Recent**

614. *Cyrtognatha weitschati* Wunderlich, 1988 ..... Ne Dominican amber

† ***Eometa* Petrunkevitch, 1958** ..... **Palaeogene**

615. *Eometa calefacta* Wunderlich, 2004*h* ..... Pa Baltic amber

616. *Eometa longipes* Petrunkevitch, 1958 ..... Pa Baltic amber

617. *Eometa occulta* Wunderlich, 2004*h* ..... Pa Baltic amber

618. *Eometa perfecta* Wunderlich, 2004*h* ..... Pa Baltic amber

619. *Eometa samlandica* Petrunkevitch, 1958* ..... Pa Baltic amber

Eometa sp. 1–2 *in* Wunderlich (2004*h*) ..... Pa Baltic amber

Homalometa* Simon, 1897*b ..... **Neogene – Recent**

620. *Homalometa fossilis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Huergina* Selden & Penney, 2003** ..... **Cretaceous**

621. *Huergina diazromerali* Selden & Penney, 2003* ..... K Las Hoyas, Spain

† ***Macryphantes* Selden, 1990** ..... **Cretaceous**

622. *Macryphantes cowdeni* Selden, 1990* ..... K Sierra de Montsech

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

623. *Meta (Praetermeta) maculosa* Wunderlich, 2008*a* ..... Pa Baltic amber

624. *Meta (Praetermeta) velans* (Wunderlich, 2004*h)* ..... Pa Baltic amber

† ***Palaeometa*** **Petrunkevitch, 1922** ..... **Palaeogene**

625. *Palaeometa opertanea* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Palaeopachygnatha*** **Petrunkevitch, 1922** ..... **Palaeogene**

626. *Palaeopachygnatha cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

627. *Palaeopachygnatha scudderi* Petrunkevitch, 1922* ..... Pa Florissant

† ***Priscometa*** **Petrunkevitch, 1958** ..... **Palaeogene**

628. *Priscometa capta* Wunderlich, 2004*h* ..... Pa Baltic amber

629. *Priscometa minor* Wunderlich, 2004*h* ..... Pa Baltic amber

630. *Priscometa tenuipes* Petrunkevitch, 1958* ..... Pa Baltic amber

Tetragnatha **Latreille, 1804*a*** ..... **Palaeogene – Recent**

631. *Tetragnatha parva* (Hong, 1985) ..... Ne Shanwang

632. *Tetragnatha pristina* Schawaller, 1982*c* ..... Ne Dominican amber

633. *Tetragnatha tertiaria* Scudder, 1885 ..... Pa Florissant

NEPHILIDAE Simon, 1894 ..... **Cretaceous – Recent**

† ***Cretaraneus*** **Selden, 1990** ..... **Cretaceous**

634. *Cretaraneus liaoningensis* Cheng, Meng & Wang *in* Cheng *et al*., 2008 ..... K Jehol biota

635. *Cretaraneus martensnetoi* Mesquita, 1996 ..... K Crato Formation

636. *Cretaraneus vilaltae* Selden, 1990* ..... K Sierra de Montsech

† ***Eonephila*** **Wunderlich, 2004*i*** ..... **Palaeogene**

637. *Eonephila bitterfeldensis* Wunderlich, 2004*i* ..... Pa Bitterfeld amber

638. *Eonephila excellens* Wunderlich, 2004*i** ..... Pa Baltic amber

639. *Eonephila longembolus* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Luxurionephila*** **Wunderlich, 2004*i*** ..... **Palaeogene**

640. *Luxurionephila spinifera* Wunderlich, 2004*i* ..... Pa Baltic amber

Nephila **Leach, 1815** ..... **Palaeogene – Recent**

641. *Nephila breviembolus* Wunderlich, 1986 ..... Ne Dominican amber

642. *Nephila dommeli* Wunderlich, 1982 ..... Ne Dominican amber

643. *Nephila furca* Wunderlich, 1986 ..... Ne Dominican amber

644. *Nephila longembolus* Wunderlich, 1986 ..... Ne Dominican amber

645. *Nephila pennatipes* Scudder, 1885 ..... Pa Florissant

646. *Nephila tenuis* Wunderlich, 1986 ..... Ne Dominican amber

† ***Palaeonephila*** **Wunderlich, 2004*i*** ..... **Palaeogene**

647. *Palaeonephila brevis* Wunderlich, 2004*i* ..... Pa Baltic amber

648. *Palaeonephila curvata* Wunderlich, 2004*i** ..... Pa Baltic amber

649. *Palaeonephila dilitans* Wunderlich, 2004*i* ..... Pa Baltic amber

650. *Palaeonephila fibula* Wunderlich, 2004*i* ..... Pa Baltic amber

651. *Palaeonephila longipes* Wunderlich, 2004*i* ..... Pa Baltic amber

† **JURARANEIDAE Eskov, 1984** ..... **Jurassic**

† ***Juraraneus*** **Eskov, 1984** ..... **Jurassic**

652. *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

† ***Anepeira*** **Wunderlich, 2004*i*** ..... **Palaeogene**

653. *Anepeira complicata* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Araneometa*** **Wunderlich, 1988** ..... **Neogene**

654. *Araneometa excelsa* Wunderlich, 1988 ..... Ne Dominican amber

655. *Araneometa herrlingi* Wunderlich, 1988* ..... Ne Dominican amber

656. *Araneometa spirembolus* Wunderlich, 1988 ..... Ne Dominican amber

Araneometa sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Araneus **Clerck, 1757** ..... **?Cretaceous – Recent**

657. *Araneus absconditus* (Scudder, 1890*a*) ..... Pa Florissant

658. *Araneus aethus* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

659. *Araneus beipiaoensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

660. *Araneus carbonaceous* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

661. *Araneus cinefactus* (Scudder, 1890*a*) ..... Pa Florissant

662. *Araneus columbiae* Scudder, 1878 ..... Pa Quesnel, Canada

663. *Araneus defunctus* Petrunkevitch, 1958 ..... Pa Baltic amber

664. *Araneus delitus* (Scudder, 1890*a*) ..... Pa Florissant

665. *Araneus emertoni* (Scudder, 1890*a*) ..... Pa Florissant

666. *Araneus exustus* Petrunkevitch, 1963 ..... Ne Chiapas amber

667. *Araneus kinchloeae* Dunlop & Jekel, 2009 ..... Pa Florissant

i. = *Araneus indistinctus* (Petrunkevitch, 1922) [preoccupied]

668. *Araneus inelegans* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

669. *Araneus leptopodus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

670. *Araneus liaoxiensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

671. *Araneus longimanus* (Petrunkevitch, 1922) ..... Pa Florissant

672. *Araneus (Calinurus) longipes* Dalman, 1826 ..... Qt Copal

673. *Araneus luianus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

674. *Araneus meeki* (Scudder, 1890*a*) ..... Pa Florissant

675. *Araneus molassicus* (Heer, 1865) ..... Ne Öhningen

676. *Araneus nanus* Wunderlich, 1988 ..... Ne Dominican amber

677. *Araneus piceus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang

678. *Araneus reheensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

679. *Araneus ruidipedalis* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

680. *Araneus troschelii* (Bertkau, 1878*b*) ..... Ne Rott, Germany

681. *Araneus vulcanalis* (Scudder, 1890*a*) ..... Pa Florissant

***Argiope* Audouin, 1826** ..... **Neogene – Recent**

= † *Magnaranea* Hong, 1985

682. *Argiope furva* (Hong, 1985) ..... Ne Shanwang

† ***Bararaneus* Wunderlich, 2004*i*** ..... **Palaeogene**

683. ?*Bararaneus annulatus* Wunderlich, 2004*i* ..... Pa Baltic amber

684. *Bararaneus evolvens* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Chrysometata* Wunderlich, 2004*h*** ..... **Palaeogene**

685. *Chrysometata palaearctica* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Cyclososoma* Petrunkevitch, 1958** ..... **Palaeogene**

686. *Cyclososoma succini* Petrunkevitch, 1958* ..... Pa Baltic amber

***Enacrosoma* Mello-Leitão, 1932** ..... **Neogene – Recent**

687. *Enacrosoma verrucosa* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eoaraneus* Wunderlich, 2004*i*** ..... **Palaeogene**

688. *Eoaraneus complexus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Eochorizopes* Wunderlich, 2008*a*** ..... **Palaeogene**

689. *Eochorizopes szeklinskiae* Wunderlich, 2008*a** ..... Pa Baltic amber

† ***Eozygiella* Wunderlich, 2004*h*** ..... **Palaeogene**

690. *Eozygiella compacta* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Fossilaraneus* Wunderlich, 1988** ..... **Neogene**

691. *Fossilaraneus incertus* Wunderlich, 1988* ..... Ne Dominican amber

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

692. *Gea krantzi* von Heyden, 1859 ..... Ne Rott, Germany

† ***Graea* Thorell, 1869** ..... **Palaeogene**

= † *Eustaloides* Petrunkevitch, 1942

693. ?*Graea aberrans* Wunderlich, 2004*h* ..... Pa Baltic amber

694. *Graea bitterfeldensis* Wunderlich, 2004*h* ..... Pa Bitterfeld amber

695. *Graea breviembolus* Wunderlich, 2004*h* ..... Pa Baltic amber

696. *Graea brevis* Wunderlich, 2004*h* ..... Pa Baltic amber

697. *Graea calceatus* (Petrunkevitch, 1950) ..... Pa Baltic amber

698. *Graea epeiroidea* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

699. *Graea impudica* Wunderlich, 2004*h* ..... Pa Baltic amber

700. *Graea lingula* Wunderlich, 2004*h* ..... Pa Baltic amber

701. *Graea minor* (Petrunkevitch, 1950) ..... Pa Baltic amber

702. *Graea setosus* Petrunkevitch, 1942 ..... Pa Baltic amber

703. *Graea succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Meditrina* Petrunkevitch, 1942** ..... **Palaeogene**

704. *Meditrina circumvallata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mesozygiella* Penney & Ortuño, 2006** ..... **Cretaceous**

705. *Mesozygiella dunlopi* Penney & Ortuño, 2006* ..... K Álava amber

† ***Miraraneus*** **Wunderlich, 2004*i*** ..... **Palaeogene**

706. *Miraraneus peregrinus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Mirometa*** **Petrunkevitch, 1963** ..... **Neogene**

707. *Mirometa valdespinosa* Petrunkevitch, 1963 ..... Ne Chiapas amber

Molinaranea **Mello-Leitão, 1940** ..... **Neogene – Recent**

708. *Molinaranea mitnickii* Saupe, Selden & Penney, 2010 ..... Ne Dominican amber

† ***Pycnosinga*** **Wunderlich, 1988** ..... **Neogene**

709. *Pycnosinga fossilis* Wunderlich, 1988* ..... Ne Dominican amber

† ***Testudinaroides*** **Dunlop & Jekel, 2008** ..... **Neogene**

= † *Testudinaria* Zhang, Sun & Zhang, 1994 [preoccupied]

710. *Testudinaroides papposa* (Zhang, Sun & Zhang, 1994) ..... Ne Shanwang

† ***Tethneus*** **Scudder, 1885** ..... **Palaeogene**

= † *Melanites* Hong, 1985

711. *Tethneus guyoti* Scudder, 1890*a* ..... Pa Florissant

712. *Tethneus hentzi* Scudder, 1885* ..... Pa Florissant

713. *Tethneus obduratus* Scudder, 1890*a* ..... Pa Florissant

714. *Tethneus orbiculatus* (Hong, 1985) ..... Ne Shanwang

715. *Tethneus provectus* Scudder, 1890*a* ..... Pa Florissant

716. *Tethneus robustus* Petrunkevitch, 1922 ..... Pa Florissant

717. *Tethneus twenhofeli* Petrunkevitch, 1922 ..... Pa Florissant

Zilla **C. L. Koch, 1834** ..... **Palaeogene – Recent**

718. *Zilla gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

719. *Zilla porrecta* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

720. *Zilla veterana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

RETEROTIBIAL APOPHYSIS CLADE ..... **Cretaceous – Recent**

?RTA-clade *in* Wunderlich (2008*d*) ..... K Myanmar amber

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

† ***Eohalinobius*** **Wunderlich, 2008*c*** ..... **Palaeogene**

721. *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**

722. *Alopecosa ?pulverulenta* (Clerck, 1757) **[Recent]** ..... Qt England

† ***Dryadia*** **Zhang, Sun & Zhang, 1994** ..... **Palaeogene**

723. *Dryadia acanthopoda* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

Lycosa **Latreille, 1804a** ..... **Palaeogene – Recent**

724. *Lycosa florissanti* Petrunkevitch, 1922 ..... Pa Florissant

725. *Lycosa lithographica* Schawaller & Ono, 1979 ..... Ne Randecker Maar

726. *Lycosa malleata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

727. *Lycosa miocaena* Schawaller & Ono, 1979 ..... Ne Randecker Maar

728. *Lycossa subterranea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Pardosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

729. *Pardosa pullata* (Clerck, 1757) **[Recent]** ..... Qt England

Pardosa sp. *in* Scott (2003) ..... Qt England

***Pirata* Sundevall, 1833** ..... **Quaternary – Recent**

730. *Pirata* ?*piraticus (*Clerck, 1757) **[Recent]** ..... Qt England

***Trochosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

731. *Trochosa terricola* Thorell, 1856 **[Recent]** ..... Qt England

† **PARATTIDAE Petrunkevitch, 1922** ..... **Palaeogene**

† ***Parattus* Petrunkevitch, 1922** ..... **Palaeogene**

732. *Parattus evocatus* (Scudder, 1890*a*) ..... Pa Florissant

733. *Parattus latitatus* (Scudder, 1890*a*) ..... Pa Florissant

734. *Parattus oculatus* Petrunkevitch, 1922 ..... Pa Florissant

735. *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**

736. *Eotrechalea annulata* Wunderlich, 2004*aa** ..... Pa Baltic amber

† ***Esuritor* Petrunkevitch, 1942** ..... **Palaeogene**

737. *Esuritor aculeatus* Petrunkevitch, 1958 ..... Pa Baltic amber

738. *Esuritor spinipes* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Linoptes* Menge, 1854** ..... **Palaeogene**

739. ?'*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**

740. *Dolomedes fimbriatus* (Clerck, 1757) **[Recent]** ..... Qt England

† '***Linoptes***' **Menge, 1854** ..... **Palaeogene**

= † *Eopisaurella* Petrunkevitch, 1958

NB: See notes on *Linoptes* under Trechaleidae above!

741. ?*'Linoptes' valdespinosa* (Petrunkevitch, 1958)* ..... Pa Baltic amber

?*'Linoptes'* sp. 1–8 *in* Wunderlich (2004*z*) ..... Pa Baltic amber

† *Palaeoperenethis* Selden & Penney, 2009 ..... **Palaeogene**

742. *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**

743. *Oxyopes defectus* Wunderlich, 1988 ..... Ne Dominican amber

744. '*Oxyopes*' *succini* Petrunkevitch, 1958 ..... Pa Baltic amber

Oxyopes sp. *in* Wunderlich (1988, 2004*ab*) ..... Ne Dominican amber

† ***Planoxyopes* Petrunkevitch, 1963** ..... **Neogene**

745. *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**

746. *Eomatachia barbarus* Wunderlich, 2004*x* ..... Pa Baltic amber

747. *Eomatachia bipartita* Wunderlich, 2004*x* ..... Pa Baltic amber

748. *Eomatachia divergens* Wunderlich, 2004*x* ..... Pa Baltic amber

749. *Eomatachia duplex* Wunderlich, 2004*x* ..... Pa Baltic amber

750. *Eomatachia latifrons* Petrunkevitch, 1942* ..... Pa Baltic amber

751. *Eomatachia recedens* Wunderlich, 2004*x* ..... Pa Baltic amber

752. *Eomatachia succini* (Petrunkevitch, 1942) ..... Pa Baltic amber

753. *Eomatachia wegneri* Wunderlich, 2004*x* ..... Pa Baltic amber
754. *Eomatachia xanthippe* Wunderlich, 2004*x* ..... Pa Baltic amber

† ***Eoprychia* Petrunkevitch, 1958** ..... **Palaeogene**

755. *Eoprychia succini* Petrunkevitch, 1958* ..... Pa Baltic amber
756. *Eoprychia succinopsis* Wunderlich, 2004*x* ..... Pa Baltic amber
757. *Eoprychia vicina* Wunderlich, 2004*x* ..... Pa Baltic amber
Eoprychia sp. *in* Wunderlich (2004*x*) ..... ?Pa not specified

† ***Succiniropsis* Wunderlich, 2004x** ..... **Palaeogene**

758. *Succiniropsis kutscheri* Wunderlich, 2004*x** ..... Pa Baltic / Bitt. amber
759. *Succiniropsis samlandica* Wunderlich, 2004*x* ..... Pa Baltic amber

† **INSECUTORIDAE Petrunkevitch, 1942** ..... **Palaeogene**

† ***Insecutor* Petrunkevitch, 1942** ..... **Palaeogene**

760. *Insecutor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber
761. *Insecutor mandibulatus* Petrunkevitch, 1942 ..... Pa Baltic amber
762. ?*Insecutor pecten* Wunderlich, 2004*y* ..... Pa Baltic amber
763. *Insecutor rufus* Petrunkevitch, 1942 ..... Pa Baltic amber
764. ?*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**

765. *Succinomus duomammillae* Wunderlich, 2008*c* ..... Pa Baltic amber

† ***Zorapostenus* Wunderlich, 2008*c*** ..... **Palaeogene**

766. *Zorapostenus raveni* Wunderlich, 2008*c* ..... Pa Baltic amber

CTENIDAE Keyserling, 1877 ..... **Neogene – Recent**

= ACANTHOCTENIDAE Simon, 1892*b*

† ***Nanoctenus* Wunderlich, 1988** ..... **Neogene**

767. *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**

768. *Agelena tabida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Histopona* Thorell, 1869** ..... **Palaeogene – Recent**

769. ?*Histopona anthracina* Bertkau, 1878*b* ..... Ne Rott, Germany

† ***Inceptor* Petrunkevitch, 1942** ..... **Palaeogene**

770. *Inceptor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber
771. *Inceptor dubius* Petrunkevitch, 1946 ..... Pa Baltic amber

***Tegenaria* Latreille, 1804a** ..... **Palaeogene – Recent**

772. ?*Tegenaria fragmentum* Wunderlich, 2004*w* ..... Pa Baltic amber
773. *Tegenaria lacazei* Gourret, 1887 ..... Pa Aix-en-Provence
774. ?*Tegenaria obtusa* Wunderlich, 2004*w* ..... Pa Baltic amber
775. *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**

776. *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**

777. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** ..... Qt England
778. ?*Argyroneta longipes* Heer, 1865 ..... Ne Öhningen

† ***Vectaraneus* Selden, 2001** ..... **Palaeogene**

779. *Vectaraneus yulei* Selden, 2001* ..... Pa Bembridge Marls

DESIDAE Pocock, 1895 ..... **Palaeogene – Recent**

***Myro* O. P.-Cambridge, 1876** ..... **Palaeogene – Recent**

780. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]..... Pa Baltic amber
781. *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**

782. *Cymbiohahnia parens* Wunderlich, 2004*v* ..... Pa Baltic / Bitt. amber

† ***Eohahnia* Petrunkevitch, 1958** ..... **Palaeogene**

783. *Eohahnia succini* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Protohahnia* Wunderlich, 2004v** ..... **Palaeogene**

784. *Protohahnia antiqua* Wunderlich, 2004*v** ..... Pa Baltic amber
785. *Protohahnia tripartita* Wunderlich, 2004*v* ..... Pa Baltic amber

genus uncertain

786. '*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**

787. *Argenna fossilis* Petrunkevitch *in* Palmer, 1957 ..... Ne Mojave Desert

† ***Arthrodictyna* Petrunkevitch, 1942** ..... **Palaeogene**

788. *Arthrodictyna segmentata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Balticocryphoeca* Wunderlich, 2004v** ..... **Palaeogene**

789. *Balticocryphoeca curvitarsis* Wunderlich, 2004*v** ..... Pa Baltic / Bitt. amber

† ***Brommellina* Wunderlich, 2004v** ..... **Palaeogene**

790. *Brommellina longungulae* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Burmadictyna* Wunderlich, 2008*d*** ..... **Cretaceous**

791. *Burmadictyna pecten* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Chelicirrum* Wunderlich, 2004*v*** ..... **Palaeogene**

792. *Chelicirrum stridulans* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Copaldictyna* Wunderlich, 2004*v*** ..... **Quaternary**

793. *Copaldictyna madagascariensis* Wunderlich, 2004*v** ..... Qt Madagascan copal

† ***Cryphoezaga* Wunderlich, 2004*v*** ..... **Palaeogene**

794. *Cryphoezaga dubia* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eobrommella* Wunderlich, 2004*v*** ..... **Palaeogene**

795. *Eobrommella scutata* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eocryphoeca* Petrunkevitch, 1946** ..... **Palaeogene**

796. *Eocryphoeca bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

797. *Eocryphoeca electrina* Wunderlich, 2004*v* ..... Pa Baltic amber

798. *Eocryphoeca falcata* Wunderlich, 2004*v* ..... Pa Baltic amber

799. *Eocryphoeca gibbifera* Wunderlich, 2004*v* ..... Pa Baltic amber

800. *Eocryphoeca gracilipes* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

801. *Eocryphoeca ligula* Wunderlich, 2004*v* ..... Pa Baltic amber

802. *Eocryphoeca mammilla* Wunderlich, 2004*v* ..... Pa Baltic amber

803. *Eocryphoeca splendens* Wunderlich, 2004*v* ..... Pa Baltic amber

Eocryphoeca sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Eocryphoecara* Wunderlich, 2004*v*** ..... **Palaeogene**

804. *Eocryphoecara abicera* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eodictyna* Wunderlich, 2004*v*** ..... **Palaeogene**

805. *Eodictyna communis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eolathys* Petrunkevitch, 1950** ..... **Palaeogene**

806. *Eolathys debilis* Petrunkevitch, 1950 ..... Pa Baltic amber

807. *Eolathys succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Gibbermastigusa* Wunderlich, 2004*v*** ..... **Palaeogene**

808. *Gibbermastigusa lateralis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Hispaniolyna*** **Wunderlich, 1988** ..... **Neogene**

809. *Hispaniolyna hirsuta* Wunderlich, 1988 ..... Ne Dominican amber

810. *Hispaniolyna magna* Wunderlich, 1988* ..... Ne Dominican amber

† ***Mastigusa*** **Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Eotetrilus* Wunderlich, 1982 [*nomen nudum*]

811. *Mastigusa acuminata* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

812. *Mastigusa arcuata* Wunderlich, 2004*v* ..... Pa Baltic amber

813. *Mastigusa bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

814. *Mastigusa laticymbium* Wunderlich, 2004*v* ..... Pa Baltic amber

815. *Mastigusa magnibulbus* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

816. *Mastigusa media* Wunderlich, 1986 ..... Pa Baltic amber

817. *Mastigusa modesta* Wunderlich, 1986 ..... Pa Baltic amber

818. *Mastigusa scutata* Wunderlich, 2004*v* ..... Pa Baltic amber

Mastigusa sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Mizagalla*** **Wunderlich, 2004*v*** ..... **Palaeogene**

819. *Mizagalla quattuor* Wunderlich, 2004*v** ..... Pa Baltic amber

820. *Mizagalla tuberculata* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Palaeodictyna*** **Wunderlich, 1988** ..... **Neogene**

821. *Palaeodictyna intermedia* Wunderlich, 1988 ..... Ne Dominican amber

822. *Palaeodictyna longispina* Wunderlich, 1988 ..... Ne Dominican amber

823. *Palaeodictyna singularis* Wunderlich, 1988 ..... Ne Dominican amber

824. *Palaeodictyna spiculum* Wunderlich, 1988 ..... Ne Dominican amber

825. *Palaeodictyna termitophila* Wunderlich, 1988* ..... Ne Dominican amber

826. *Palaeodictyna unispina* Wunderlich, 1988 ..... Ne Dominican amber

† ***Palaeolathys*** **Wunderlich, 1986** ..... **Neogene**

827. *Palaeolathys circumductus* Wunderlich, 1988 ..... Ne Dominican amber

828. *Palaeolathys copalis* Wunderlich, 1986 ..... Qt Dominican copal

829. *Palaeolathys quadruplex* Wunderlich, 1988 ..... Ne Dominican amber

830. *Palaeolathys similis* Wunderlich, 1988 ..... Ne Dominican amber

831. *Palaeolathys spinosa* Wunderlich, 1986* ..... Ne Dominican amber

Palaeolathys sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Protomastigusa*** **Wunderlich, 2004*v*** ..... **Palaeogene**

832. *Protomastigusa composita* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Scopulyna*** **Wunderlich, 2004*v*** ..... **Palaeogene**

833. *Scopulyna cursor* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Succinya*** **Wunderlich, 1988** ..... **Neogene**

834. *Succinya longembolus* Wunderlich, 1988 ..... Ne Dominican amber

835. *Succinya pulcher* Wunderlich, 1988* ..... Ne Dominican amber

836. *Succinya spinipalpus* Wunderlich, 1988 ..... Ne Dominican amber

Thallumetus **Simon, 1892*b*** ..... **Subrecent – Recent**

837. *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]

838. *Strotarchus heidti* Wunderlich, 1988 ..... Ne Dominican amber

839. *Strotarchus paradoxus* (Petrunkevitch, 1963) ..... Ne Chiapas amber

ANYPHAENIDAE Bertkau, 1878a ..... **Palaeogene – Recent**

= AMAUROBIOIDIDAE Hickman, 1949

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

840. '*Anyphaena*' *fuscata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Anyphaenoides* Berland, 1913** ..... **Neogene – Recent**

841. *Anyphaenoides bulla* (Wunderlich, 1988) ..... Ne Dominican amber

***Lupettiana* Brescovit, 1997** ..... **Neogene – Recent**

842. *Lupettiana ligula* (Wunderlich, 1988) ..... Ne Dominican amber

***Wulfila* O. P.-Cambridge, 1895** ..... **Neogene – Recent**

843. *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**

844. *Apostenus arnoldorum* Wunderlich, 2004*ag* ..... Pa Baltic amber

845. *Apostenus bigibber* Wunderlich, 2004*ag* ..... Pa Baltic / Bitt. amber

846. *Apostenus spinimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Donuea* Strand, 1932** ..... **Quaternary – Recent**

847. *Donuea collustrata* Bosselaers & Dierick, 2010 **[Recent]** ..... Qt – R Madagascar

† ***Palaeospinisoma* Wunderlich, 2004*ag*** ..... **Palaeogene**

848. *Palaeospinisoma femoralis* Wunderlich, 2004*ag** ..... Pa Baltic amber

CLUBIONIDAE Simon, 1895 ..... **Palaeogene – Recent**

Clubionidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami amber

***Clubiona* Latreille, 1804a** ..... **Palaeogene – Recent**

849. *Clubiona arcana* Scudder, 1890*a* ..... Pa Florissant

850. *Clubiona attenuata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

851. *Clubiona curvispinosa* Petrunkevitch, 1922 ..... Pa Florissant

852. *Clubiona eseri* Heer, 1865 ..... Ne Öhningen

853. *Clubiona florissanti* Petrunkevitch, 1922 ..... Pa Florissant

854. *Clubiona lanata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

855. *Clubiona microphthalma* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

856. *Clubiona pubescens* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

857. *Clubiona sericea* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

858. *Clubiona tomentosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Concursator* Petrunkevitch, 1958** [family uncertain] ..... **Palaeogene**

859. *Concursator nudipes* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Desultor* Petrunkevitch, 1942** ..... **Palaeogene**

860. *Desultor depressus* Petrunkevitch, 1942 ..... Pa Baltic amber

***Elaver* O. P.-Cambridge, 1898** ..... **Neogene – Recent**

861. *Elaver nutua* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eobumbatrix* Petrunkevitch, 1922** ..... **Palaeogene**

862. *Eobumbatrix latebrosa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eodoter* Petrunkevitch, 1958** ..... **Palaeogene**

863. *Eodoter eopala* Wunderlich, 2004*af* ..... Pa Baltic amber

864. *Eodoter magnificus* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Eostentatrix* Petrunkevitch, 1922** ..... **Palaeogene**

865. *Eostentatrix cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

866. *Eostentatrix ostentata* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eoversatrix* Petrunkevitch, 1922** ..... **Palaeogene**

867. *Eoversatrix eversa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Machilla* Petrunkevitch, 1958** [family uncertain] ..... **Palaeogene**

868. *Machilla setosa* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Massula* Petrunkevitch, 1942** [family uncertain] ..... **Palaeogene**

869. *Massula klebsi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Prosocer* Petrunkevitch, 1963** ..... **Neogene**

870. *Prosocer mollis* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Systariella* Wunderlich, 2004*af*** ..... **Palaeogene**

871. *Systariella magnioculi* Wunderlich, 2004*af** ..... Pa Baltic amber

Clubionidae *incertae sedis*

† ***Chiapasona* Petrunkevitch, 1963** ..... **Neogene**

872. *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

873. *Ablator biguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

874. *Ablator curvatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

875. *Ablator deminuens* Wunderlich, 2004*ah* ..... Pa Baltic amber

876. *Ablator depressus* Wunderlich, 2004*ah* ..... Pa Baltic amber

877. *Ablator duomammillae* Wunderlich, 2004*ah* ..... Pa Baltic amber

878. *Ablator felix* (Petrunkevitch, 1958) ..... Pa Baltic amber

879. *Ablator inevolvens* Wunderlich, 2004*ah* ..... Pa Baltic amber

880. *Ablator longus* Wunderlich, 2004*ah* ..... Pa Baltic amber

881. *Ablator nonguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

882. *Ablator parvus* Wunderlich, 2004*ah* ..... Pa Baltic amber

883. *Ablator plumosus* (Petrunkevitch, 1950) ..... Pa Baltic amber

884. *Ablator robustus* Wunderlich, 2004*ah* ..... Pa Baltic amber

885. *Ablator scutatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

886. *Ablator splendens* Wunderlich, 2004*ah* ..... Pa Baltic amber

887. *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**

888. *Alterphrurolithus longipes* Wunderlich, 2004*ah* ..... Pa Baltic amber

Castianeira* Keyserling, 1880*b ..... **Neogene – Recent**

889. *Castianeira tenebricosa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Chemmisomma* Wunderlich, 1988** ..... **Neogene**

890. *Chemmisomma dubia* Wunderlich, 1988* ..... Ne Dominican amber

Corinna* C. L. Koch, 1842*a ..... **Neogene – Recent**

891. *Corinna flagelliformis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Cornucymbium* Wunderlich, 2004*ah*** ..... **Palaeogene**

892. *Cornucymbium insolens* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Cryptoplanus* Petrunkevitch, 1958** ..... **Palaeogene**

893. *Cryptoplanus bulbosus* Wunderlich, 2004*ah* ..... Pa Baltic amber

894. *Cryptoplanus complicatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

895. *Cryptoplanus incidens* Wunderlich, 2004*ah* ..... Pa Baltic amber

896. *Cryptoplanus lanatus* (Petrunkevitch, 1958) ..... Pa Baltic amber
897. *Cryptoplanus paradoxus* Petrunkevitch, 1958* ..... Pa Baltic amber
898. *Cryptoplanus sericatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
899. *Cryptoplanus sinuosus* Wunderlich, 2004*ah* ..... Pa Baltic amber
Cryptoplanus sp. *in* Wunderlich (2004*ah*) ..... Pa Baltic amber

† ***Eomazax* Petrunkevitch, 1958** ..... **Palaeogene**
900. *Eomazax pulcher* Petrunkevitch, 1958* ..... Pa Baltic amber

Megalostrata* Karsch, 1880*a ..... **Neogene – Recent**
901. *Megalostrata grandis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Myrmecorinna* Wunderlich, 2004*ah*** ..... **Palaeogene**
902. *Myrmecorinna gracilis* Wunderlich, 2004*ah** ..... Pa Baltic amber

Phrurolithus* C. L. Koch, 1839*b ..... **Palaeogene**
903. *Phrurolithus extinctus* Petrunkevitch, 1958 ..... Pa Baltic amber
904. *Phrurolithus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber
905. *Phrurolithus ipseni* Petrunkevitch, 1958 ..... Pa Baltic amber

† ***Protoorthobula* Wunderlich, 2004*ah*** ..... **Palaeogene**
906. *Protoorthobula bifida* Wunderlich, 2004*ah** ..... Pa Baltic amber
907. *Protoorthobula deelemani* Wunderlich, 2004*ah* ..... Pa Baltic / Bitt. amber

***Trachelas* L. Koch, 1872** ..... **Neogene**
908. *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**
909. *Adjutor deformis* Petrunkevitch, 1958 ..... Pa Baltic amber
910. *Adjutor mirabilis* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Admissor* Petrunkevitch, 1942** ..... **Palaeogene**
911. *Admissor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Adorator* Petrunkevitch, 1942** ..... **Palaeogene**
912. *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
913. *Adorator samlandicus* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Angusdarion* Wunderlich, 2004*ae*** ..... **Palaeogene**
914. *Angusdarion humilis* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Anniculus* Petrunkevitch, 1942** ..... **Palaeogene**
915. *Anniculus balticus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eocydrele*** **Petrunkevitch, 1958** ..... **Palaeogene**

916. *Eocydrele mortua* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Propago*** **Petrunkevitch, 1963** ..... **Neogene**

917. *Propago debilis* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Spinizodarion*** **Wunderlich, 2004*ae*** ..... **Palaeogene**

918. *Spinizodarion ananulum* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Zodariodamus*** **Wunderlich 2004*ae*** ..... **Palaeogene**

919. *Zodariodamus recurvatus* Wunderlich 2004*ae** ..... Pa Baltic amber

† **EPHALMATORIDAE Petrunkevitch, 1950** ..... **Palaeogene**

† ***Ephalmator*** **Petrunkevitch, 1950** ..... **Palaeogene**

920. *Ephalmator bitterfeldensis* Wunderlich, 2004*ad* ..... Pa Bitterfeld amber
921. *Ephalmator calidus* Wunderlich, 2004*ad* ..... Pa Baltic amber
922. *Ephalmator debilis* Wunderlich, 2004*ad* ..... Pa Baltic amber
923. *Ephalmator distinctus* Wunderlich, 2004*ad* ..... Pa Baltic amber
924. *Ephalmator ellwangeri* Wunderlich, 2004*ad* ..... Pa Baltic amber
925. ?*Ephalmator eximius* Petrunkevitch, 1958 ..... Pa Baltic amber
926. *Ephalmator fossilis* Petrunkevitch, 1950* ..... Pa Baltic amber
927. *Ephalmator kerneggeri* Wunderlich, 2004*ad* ..... Pa Baltic amber
928. *Ephalmator petrunkevitchi* Wunderlich, 2004*ad* ..... Pa Baltic amber
929. *Ephalmator ruthildae* Wunderlich, 2004*ad* ..... Pa Baltic amber
930. *Ephalmator trudis* Wunderlich, 2004*ad* ..... Pa Baltic amber
931. *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**

932. *Eotrochanteria kruegeri* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Sosybius* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Adamator* Petrunkevitch, 1942

= † *Adjunctor* Petrunkevitch, 1942

= † *Adulatrix* Petrunkevitch, 1942

933. *Sosybius berendti* Wunderlich, 2004*am* ..... Pa Baltic amber

934. *Sosybius decumana* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

935. *Sosybius falcatus* Wunderlich, 2004*am* ..... Pa Baltic amber

936. *Sosybius fusca* (Petrunkevitch, 1942) ..... Pa Baltic amber

937. *Sosybius kochi* Wunderlich, 2004*am* ..... Pa Baltic amber

938. *Sosybius lateralis* Wunderlich, 2004*am* ..... Pa Baltic amber

939. *Sosybius longipes* Wunderlich, 2004*am* ..... Pa Baltic amber

940. *Sosybius major* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

941. *Sosybius minor* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

942. *Sosybius mizgirisi* Wunderlich, 2004*am* ..... Pa Baltic amber

943. *Sosybius parva* (Petrunkevitch, 1942) ..... Pa Baltic amber

944. *Sosybius perniciosus* Wunderlich, 2004*am* ..... Pa Baltic amber

945. *Sosybius rufa* (Petrunkevitch, 1942) ..... Pa Baltic amber

946. *Sosybius similis* Petrunkevitch, 1942 ..... Pa Baltic amber

947. *Sosybius succineus* (Petrunkevitch, 1942) ..... Pa Baltic amber

948. *Sosybius tibialis* Wunderlich, 2004*am* ..... Pa Baltic amber

949. *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]

950. *Thereola petiolata* (C. L. Koch & Berendt, 1854)* [♀ = ?*Dasuminia* sp. according to Wunderlich 2004*b*] ..... Pa Baltic amber

951. *Thereola pubescens* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Trochanteridromulus* Wunderlich, 2004*am*** ..... **Palaeogene**

952. *Trochanteridromulus glabripes* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Trochanteridromus* Wunderlich, 2004*am*** ..... **Palaeogene**

953. *Trochanteridromus scutatus* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Veterator* Petrunkevitch, 1963** ..... **Neogene**

954. *Veterator angustus* Wunderlich, 1988 ..... Ne Dominican amber

955. *Veterator ascutum* Wunderlich, 1988 ..... Ne Dominican amber

956. *Veterator extinctus* Petrunkevitch, 1963* ..... Ne Chiapas amber

957. *Veterator incompletus* Wunderlich, 1982 ..... Ne Dominican amber

958. *Veterator longipes* Wunderlich, 1988 ..... Ne Dominican amber

959. *Veterator loricatus* Wunderlich, 1988 ..... Ne Dominican amber

960. *Veterator porrectus* Wunderlich, 1988 ..... Ne Dominican amber

961. *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* ..... **Recent**

= MILTIIDAE Thorell, 1873 [based on a generic synonym]

no fossil record

GNAPHOSIDAE Pocock, 1898 ..... **?Cretaceous – Recent**

= DRASSIDAE Sundevall, 1833 [based on a generic synonym]

Gnaphosidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami amber

† ***Captrix* Petrunkevitch, 1942** ..... **Palaeogene**

962. *Captrix lineata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

***Drassodes* Westring, 1851** ..... **Palaeogene – Recent**

963. *Drassodes cupreus* (Blackwall, 1834*a*) **[Recent]** ..... Qt England

964. ?*Drassodes femurus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang

965. ?*Drassodes sextii* Berland, 1939 ..... Pa Aix-en-Provence

† ***Drassyllinus* Wunderlich, 1988** ..... **Neogene**

966. *Drassyllinus aliter* Wunderlich, 1988* ..... Ne Dominican amber

† ***Eomactator* Petrunkevitch, 1958** ..... **Palaeogene**

967. *Eomactator mactatus* Petrunkevitch, 1958* ..... Pa Baltic amber

***Gnaphosa* Latreille, 1804a** ..... **?Cretaceous – Recent**

968. *Gnaphosa affinis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Philodromus dubius* C. L. Koch & Berendt, 1854

969. *Gnaphosa ambigua* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

970. *Gnaphosa liaoningensis* Chang, 2004

[generic assignment unreliable!] ..... K Jehol biota

***Micaria* Westring, 1851** ..... **Palaeogene – Recent**

971. *Micaria procera* C. L. Koch & Berendt, 1954 ..... Pa Baltic amber

972. *Micaria tenella* Heer, 1865 ..... Ne Öhningen

† ***Palaeodrassus* Petrunkevitch, 1922** ..... **Palaeogene**

973. *Palaeodrassus cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

974. *Palaeodrassus florissanti* Petrunkevitch, 1922 ..... Pa Florissant

975. *Palaeodrassus hesternus* (Scudder, 1890*a*) ..... Pa Florissant

976. *Palaeodrassus ingenuus* (Scudder, 1890*a*)* ..... Pa Florissant

977. *Palaeodrassus interitus* (Scudder, 1890*a*) ..... Pa Florissant

***Zelotes* Gistel, 1848** ..... **Palaeogene**

978. *Zelotes concinna* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

979. *Zelotes mundula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Melanophora nobilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

980. *Zelotes regalis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

SELENOPIDAE Simon, 1897a ..... **Palaeogene – Recent**

† ***Garcorops*** **Corronca, 2003** ..... **Quaternary – Recent**

981. *Garcorops jadis* Bosselaers, 2004 ..... Qt Madagas. copal

i. = *?Anyphops cortex* Wunderlich, 2004*as* ..... Qt Madagas. copal

Selenops **Latreille, 1819** ..... **Palaeogene – Recent**

982. *Selenops benoiti* Wunderlich, 2004*as* ..... Qt Madagascar copal

983. *Selenops beynai* Schawaller, 1984 ..... Ne Dominican amber

984. *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**

985. *Caduceator minutus* Petrunkevitch, 1942* ..... Pa Baltic amber

986. *Caduceator quadrimaculatus* Petrunkevitch, 1950 ..... Pa Baltic amber

† ***Collacteus*** **Petrunkevitch, 1942** ..... **Palaeogene**

987. *Collacteus captivus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eostaianus*** **Petrunkevitch, 1950** ..... **Palaeogene**

988. *Eostaianus succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Eostasina*** **Petrunkevitch, 1942** ..... **Palaeogene**

989. *Eostasina aculeata* Petrunkevitch, 1942* ..... Pa Baltic amber

Heteropoda **Latreille, 1804*a*** ..... **Palaeogene – Recent**

= † *Retina* Hong, 1985

990. *Heteropoda crassipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

991. *Heteropoda rpbusta* [*sic*] (Hong, 1985) ..... Ne Shanwang

Pseudosparianthis **Simon, 1887** ..... **Neogene – Recent**

992. *Pseudosparianthis pfeifferi* (Wunderlich, 1988) ..... Ne Dominican amber

Zachria **L. Koch, 1875** ..... **Palaeogene – Recent**

993. *Zachria desiderabilis* Petrunkevitch, 1950 ..... Pa Baltic amber

994. *Zachria peculiata* Petrunkevitch, 1946 ..... Pa Baltic amber

995. *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**

996. *Cretadromus liaoningensis* Cheng, Shen & Gao, 2009 ..... K Liaoning Province

† ***Eothanatus*** **Petrunkevitch, 1950** ..... **Palaeogene – Recent**

997. *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 amber

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**

998. *Ecotona brunnea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

999. *Ecotona pilulifera* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1000. *Ecotona transipeda* Lin, Zhang & Wang, 1989* ..... Ne Shanwang

† ***Facundia*** **Petrunkevitch, 1942** ..... **Palaeogene**

1001. *Facundia clara* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Fiducia*** **Petrunkevitch, 1950** ..... **Palaeogene**

1002. *Fiducia tenuipes* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Filiolella*** **Petrunkevitch, 1955*a*** ..... **Palaeogene**

= † *Filiola* Petrunkevitch, 1942 [preoccupied]

1003. *Filiolella argentata* (Petrunkevitch, 1942)* ..... Pa Baltic amber

† ***Heterotmarus*** **Wunderlich, 1988** ..... **Neogene**

1004. *Heterotmarus altus* Wunderlich, 1988* ..... Ne Dominican amber

† ***Komisumena*** **Ono, 1981** ..... **Neogene**

1005. *Komisumena rosae* Ono, 1981* ..... Ne Dominican amber

† ***Miothomisus*** **Zhang, Sun & Zhang, 1994** ..... **Neogene**

1006. *Miothomisus subnudus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1007. *Miothomisus sylvaticus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

Misumena **Latreille, 1804a** ..... **Palaeogene – Recent**

1008. *Misumena samlandica* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Palaeoxysticus*** **Wunderlich, 1985** ..... **Neogene**

1009. *Palaeoxysticus extinctus* Wunderlich, 1985 ..... Ne Randecker Maar

† ***Parvulus*** **Zhang, Sun & Zhang, 1994** ..... **Neogene**

1010. *Parvulus latissimus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

† ***Succinaenigma* Wunderlich, 2004*ap*** ..... **Palaeogene**

1011. *Succinaenigma raptor* Wunderlich, 2004*ap** ..... Pa Baltic amber

† ***Succiniraptor* Wunderlich, 2004*ao*** ..... **Palaeogene**

1012. *Succiniraptor radiatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Succiniraptor paradoxus* Wunderlich, 2004*ao** ..... Pa Baltic amber

***Synema* Simon, 1864** ..... **Palaeogene – Recent**

1013. *Synema enigmaticum* Berland, 1939 ..... Pa Aix-en-Provence

† ***Syphax* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

1014. *Syphax asper* Petrunkevitch, 1950 ..... Pa Baltic amber

1015. *Syphax crassipes* Petrunkevitch, 1942 ..... Pa Baltic amber

1016. *Syphax fuliginosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1017. *Syphax gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1018. *Syphax megacephalus* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

1019. *Syphax thoracicus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Thomisiraptor* Wunderlich, 2004ap** ..... **Palaeogene**

1020. *Thomisiraptor liedtkei* Wunderlich, 2004*ap** ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** ..... **Palaeogene – Recent**

1021. *Thomisus defossus* Scudder, 1890*a* ..... Pa Florissant

1022. *Thomisus disjunctus* Scudder, 1890*a* ..... Pa Florissant

1023. *Thomisus lividus* Heer, 1865 ..... Ne Öhningen

1024. *Thomisus resutus* Scudder, 1890*a* ..... Pa Florissant

1025. *Thomisus sulzeri* Heer, 1865 ..... Ne Öhningen

***Xysticus* C. L. Koch, 1835** ..... **Palaeogene – Recent**

1026. ?*Xysticus annulipes* Bertkau, 1878*b* ..... Ne Rott, Germany

1027. *Xysticus archaeopalpus* Leech & Matthews, 1971 ..... Ne Alaska

1028. *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**

1029. *Almolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Bitterfeld amber

1030. *Almolinus clarus* Petrunkevitch, 1958* ..... Pa Baltic amber

1031. *Almolinus ligula* Wunderlich, 2004*aq* ..... Pa Baltic amber

?*Almolinus* sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

† ***Attoides* Brongniart, 1877** ..... **Palaeogene**

1032. *Attoides eresiformis* Brongniart, 1877 ..... Pa Aix-en-Provence

† ***Calilinus* Wunderlich, 2004*aq*** ..... **Palaeogene**

1033. *Calilinus fleissneri* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Cenattus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1034. *Cenattus exophthalmicus* Petrunkevitch, 1942* ..... Pa Baltic amber

Corythalia **C. L. Koch, 1851** ..... **Neogene – Recent**

1035. *Corythalia ocululiter* Wunderlich, 1988 ..... Ne Dominican amber

1036. *Corythalia pilosa* Wunderlich, 1982 ..... Ne Dominican amber

1037. *Corythalia scissa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Descangeles*** **Wunderlich, 1988** ..... **Neogene**

1038. *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**

1039. *Distanilinus filum* Wunderlich, 2004*aq* ..... Pa Baltic amber

1040. *Distanilinus nutus* Wunderlich, 2004*aq** ..... Pa Baltic amber

1041. *Distanilinus paranutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1042. *Distanilinus pernutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

† ***Entomocephalus*** **Holl, 1829** ..... **Palaeogene**

1043. *Entomocephalus formicoides* Holl, 1829* ..... ?Qt Copal [?not amber]

† ***Eoattopsis*** **Gourret, 1887** ..... **Palaeogene**

1044. *Eoattopsis hirsutus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eolinus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1045. *Eolinus balticus* Żabka, 1988 ..... Pa Baltic amber

1046. *Eolinus fungus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1047. *Eolinus insuriens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1048. *Eolinus prominens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1049. *Eolinus samlandica* Wunderlich, 2004*aq* ..... Pa Baltic amber

1050. *Eolinus succineus* Petrunkevitch, 1942* ..... Pa Baltic amber

1051. *Eolinus theryi* Petrunkevitch, 1942 ..... Pa Baltic amber

1052. *Eolinus theryoides* Wunderlich, 2004*aq* ..... Pa Baltic amber

1053. *Eolinus tystschenkoi* Proszynski & Żabka, 1980 ..... Pa Baltic amber

1054. *Eolinus vates* Wunderlich, 2004*aq* ..... Pa Baltic amber

Eolinus sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

Euophrys **C. L. Koch, 1834** ..... **Palaeogene – Recent**

1055. *Euophrys gibberula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1056. *Euophrys randeckensis* Schawaller & Ono, 1979 ..... Ne Randecker Maar

† ***Evagoratus*** **Zhang, Sun & Zhang, 1994** ..... **Neogene**

1057. *Evagoratus longicruris* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

† ***Gorgopsidis*** **Wunderlich, 2004*aq*** ..... **Palaeogene**

1058. *Gorgopsidis bechlyi* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Gorgopsina*** **Petrunkevitch, 1955a** ..... **Palaeogene**

1059. *Gorgopsina amabilis* Wunderlich, 2004*aq* ..... Pa Baltic amber
1060. *Gorgopsina constricta* Wunderlich, 2004*aq* ..... Pa Baltic amber
1061. *Gorgopsina expandens* Wunderlich, 2004*aq* ..... Pa Baltic amber
1062. '*Gorgopsina*' *fasciata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1063. *Gorgopsina flexuosa* Wunderlich, 2004*aq* ..... Pa Baltic amber
1064. *Gorgopsina formosa* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1065. *Gorgopsina fractura* Wunderlich, 2004*ar* ..... Pa Rovno amber
1066. *Gorgopsina frenata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
1067. *Gorgopsina inclusa* Wunderlich, 2004*aq* ..... Pa Baltic amber
1068. *Gorgopsina jucunda* (Petrunkevitch, 1942) ..... Pa Baltic amber
1069. *Gorgopsina marginata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1070. *Gorgopsina melanocephala* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1071. *Gorgopsina naumanni* Giebel, 1856 ..... Pa Baltic amber
1072. *Gorgopsina paulula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1073. *Gorgopsina speciosa* Wunderlich, 2004*aq* ..... Pa Baltic amber

***Heliophanus* C. L. Koch, 1833** ..... **Palaeogene – Recent**
1074. *Heliophanus extinctus* Berland, 1939 ..... Pa Aix-en-Provence

***Hyllus* C. L. Koch, 1846** ..... Palaeogene – Recent
= † *Parevophrys* Petrunkevitch, 1942
1075. *Hyllus succini* (Petrunkevitch, 1942) ..... Pa Baltic amber

***Lyssomanes* Hentz, 1845** ..... **Neogene – Recent**
1076. *Lyssomanes pristinus* Wunderlich, 1986 ..... Ne Dominican amber
i. = *Lyssomanes galianoae* Reiskind, 1989 ..... Ne Dominican amber
1077. *Lyssomanes pulcher* Wunderlich, 1988 ..... Ne Dominican amber

† ***Microlinus* Wunderlich, 2004*aq*** ..... **Palaeogene**
1078. *Microlinus calidus* Wunderlich, 2004*aq* ..... Pa Baltic amber
1079. *Microlinus folium* Wunderlich, 2004*aq** ..... Pa Baltic amber

Neon* Simon, 1876*a ..... **Quaternary – Recent**
1080. *Neon* ?*reticulatus* (Blackwall, 1853) **[Recent]** ..... Qt England

† ***Paralinus* Petrunkevitch, 1942** ..... **Palaeogene**
1081. *Paralinus crosbyi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Pensacolatus* Wunderlich, 1988** ..... **Neogene**
1082. *Pensacolatus coxalis* Wunderlich, 1988* ..... Ne Dominican amber
1083. *Pensacolatus spinipes* Wunderlich, 1988 ..... Ne Dominican amber
1084. ?*Pensacolatus tibialis* Wunderlich, 2004*aq* ..... Ne Dominican amber
Pensacolatus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Phidippus* C. L. Koch, 1846** ..... **Palaeogene**
1085. *Phidippus impressus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
1086. *Phidippus pusillus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Phlegrata* Wunderlich, 1988** ..... **Neogene**
1087. *Phlegrata pala* Wunderlich, 1988* ..... Ne Dominican amber

† ***Prolinus*** **Petrunkevitch, 1958** ..... **Palaeogene**

1088. *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]

1089. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

Thiodina **Simon, 1900** ..... **Neogene**

1090. *Thiodina beugelorum* Wolff, 1990 ..... Ne Dominican amber

Araneomorphae *incertae sedis*

† ***Elvina*** **Thorell, 1870*b*** ..... **Neogene**

1091. *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**

1092. *Amphiclotho breviuscula* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Amphithomisus*** **Gourret, 1887** ..... **Palaeogene**

1093. *Amphithomisus barbatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Atocatle*** **Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?]..... **Cretaceous**

1094. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* ..... K Puebla, México

† ***Cercidiella*** **Gourret, 1887** ..... **Palaeogene**

1095. *Cercidiella aquisextana* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Clubionella*** **Gourret, 1887** ..... **Palaeogene**

1096. *Clubionella antiqua* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eresoides*** **Gourret, 1887** ..... **Palaeogene**

1097. *Eresoides orbicularis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Hersilioides*** **Gourret, 1887** ..... **Palaeogene**

1098. *Hersilioides thanatiformis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Opisthophylax*** **Menge, 1856** ..... **Palaeogene**

1099. *Opisthophylax exarata* Menge, 1856* ..... Pa Baltic amber

† ***Prodysdera*** **Gourret, 1887** ..... **Palaeogene**

1100. *Prodysdera intermedia* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protochersis*** **Gourret, 1887** ..... **Palaeogene**

1101. *Protochersis spinosus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protolachesis*** **Gourret, 1887** ..... **Palaeogene**

1102. *Protolachesis annulata* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Paralycosa*** **Dunlop & Jekel, 2009** ..... **Palaeogene**

= † *Protolycosa* Gourret, 1887 [*preoccupied*]

1103. *Paralycosa attiformis* (Gourret, 1887)* ..... Pa Aix-en-Provence

† ***Pseudothomisus*** **Gourret, 1887** ..... **Palaeogene**

1104. *Pseudothomisus articulatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Schellenbergia* Heer, 1865** ..... **Neogene**

1105. *Schellenbergia rotundata* Heer, 1865* ..... Ne Öhningen

† ***Timeropus* Thorell, 1891** ..... **Palaeogene**

= † *Lycosoides* Gourret, 1887 [preoccupied]

1106. *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

† ***Fictotama* Petrunkevitch, 1963 (*nomen dubium*)** ..... **Palaeogene**

12. *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

13. *Memoratrix rydei* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Miropholcus* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**

= † *Micropholcus* Petrunkevitch, 1942 [*lapsus*]

14. *Miropholcus heteropus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Perturbator* Petrunkevitch, 1971 (*nomen dubium*)** ..... **Neogene**

15. *Perturbator corniger* Petrunkevitch, 1971* ..... Ne Chiapas amber

† ***Phalangopus* Menge *in* C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**

16. *Phalangopus subtilis* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

17. *Segestria elongata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
18. *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 latifrons* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
11. *Clubiona parvula* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
12. *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]

13. *Clythia funestra* Koch & Berendt, 1854 ..... Pa Baltic amber
14. *Clythia gracilenta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
15. *Clythia leptocarena* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Dielacata* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

16. *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]

17. *Drassus oblongus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Dysdera* Latreille, 1804** [also contains valid fossil species]

18. *Dysdera hippopodium* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
19. *Dysdera glabrata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
20. *Dysdera scobiculata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Dysdera tenera* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Eolinus* Petrunkevitch, 1942** [also contains valid fossil species]

22. *Eolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Baltic amber
23. *Eolinus tystschenkoides* Wunderlich, 2004*aq* ..... Pa Baltic amber

***Epeira* Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

24. *Epeira eocaenica* Giebel, 1856 ..... Pa Baltic amber
25. *Epeira eocena* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Epeiridion* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

26. *Epeiridion femoratum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Erithus*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

27. *Erithus applanatus* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Ero **C. L. Koch & Berendt, 1836** [no currently valid fossil species]

28. *Ero coronata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
29. *Ero exculpta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Ero sphaerica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
31. *Ero quadripunctata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Eyukselus*** **Özdikmen, 2007 (*nomen nudum*)** ..... **Palaeogene**

= † *Propetes* Menge, 1854 [preoccupied]

32. *Eyukselus argutus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
33. *Eyukselus felinus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
34. *Eyukselus griseus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
35. *Eyukselus latifrons* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
36. *Eyukselus pumilus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Gea **C. L. Koch, 1843** [also contains valid fossil species]

37. *Gea pubescens* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Heteromma*** **Menge, 1856 (*nomen nudum*)** ..... **Palaeogene**

38. *Heteromma intersecta* Menge, 1856* ..... Pa Baltic amber

† ***Idmonia*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

39. *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]

40. *Melanophora lepida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
41. *Melanophora nitida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

Micaria **Westring, 1851** [also contains valid fossil species]

42. *Micaria ovata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
43. *Micaria squamata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
44. *Micaria tenuis* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

Micryphantes **C. L. Koch, 1833** [also contains valid fossil species]

45. *Micryphantes globulus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
46. *Micryphantes turritus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mizalia*** **C. L. Koch & Berendt, 1854** [also contains valid fossil species]

47. *Mizalia truncata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Ocia*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

48. *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]

49. *Ocypete angustifrons* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
50. *Ocypete marginata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Onca*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

51. *Onca lepida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
52. *Onca pumila* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Philodromus **Walckenaer, 1826** [also contains valid fossil species]

53. *Philodromus griseus* Menge, 1856 ..... Pa Baltic amber

54. *Philodromus marginatus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
55. *Philodromus reptans* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
56. *Philodromus redogradus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
57. *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]

58. *Pythonissa bipunctata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
59. *Pythonissa discophora* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
60. *Pythonissa glabra* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
61. *Pythonissa villosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

62. *Segestria exarata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
63. *Segestria sulcata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
64. *Segestria undulata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Siga* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

65. *Siga crinita* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Spheconia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

66. *Spheconia brevipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Syphax* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

67. *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]

68. *Theridium bifurcum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
69. *Theridium chorius* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
70. *Theridium clavigerum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
71. *Theridium crassipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
72. *Theridium setulosum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** [also contains valid fossil species]

73. *Thomisus matutinus* Menge, 1856 ..... Pa Baltic amber

† ***Thyelia* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

74. *Thyelia mengei* Giebel, 1856 ..... Pa Baltic amber
75. *Thyelia pectinata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
76. *Thyelia spinosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Zilla* C. L. Koch & Berendt, 1834** [also contains valid fossil species]

77. *Zilla cornumana* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
78. *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

41,253 Recent species according to Platnick (2010)

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

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

1. *Graeophonus anglicus* Pocock, 1911 ..... C Coseley
2. *Graeophonus carbonarius* (Scudder, 1876)* ..... C Cape Breton
3. *Graeophonus scudderi* Pocock, 1911 ..... C Mazon Creek

† ***Sorellophrynus* Harvey, 2002** ..... **Carboniferous**

= † *Protophrynus* Petrunkevitch, 1913 (preoccupied)

4. *Sorellophrynus carbonarius* (Petrunkevitch, 1913)* ..... C Mazon Creek

† ***Thelyphrynus* Petrunkevitch, 1913** ..... **Carboniferous**

5. *Thelyphrynus elongatus* Petrunkevitch, 1913 ..... C Mazon Creek

PARACHARONTIDAE Weygoldt, 1996 ..... **Recent**

no fossil record

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 Ilkeston

† ***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

4 currently valid species of fossil schizomid from 4 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

HUBBARDIDAE Cook, 1899 ..... **Neogene – Recent**

† ***Calcoschizomus* Pierce, 1951** ..... **Neogene**

3. *Calcoschizomus latisternum* Pierce, 1951 ..... Ne Onyx Marble

† ***Onychothelyphonus* Pierce, 1950** ..... **Neogene**

4. *Onychothelyphonus bonneri* Pierce, 1950 ..... Ne Onyx Marble

PROTOSCHIZOMIDAE Rowland, 1975 ..... **Recent**

no fossil record

267 Recent species according to Harvey (pers. comm. 2009)

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