A summary list of fossil spiders and their relatives

compiled by

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INTRODUCTION

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

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

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

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

PRINCIPAL CHANGES SINCE THE LAST UPDATE

The most significant updates since the previous versions are about 30 fossil spider species, mostly from Mynmar amber, Baltic amber or copal described by Jörg Wunderlich. Some of these were raised to new Mesozoic families. Very important is the first record of Ricinulei – also from Myanmar amber – which is both the first Mesozoic and first Asian record of this order. Further finds include a nephild in Cretaceous Myanmar amber, a questionable lycosid from Korea, a significant discovery of gall mites in Italian Triassic amber. Also added are some overlooked records and updates for fossil horseshoe crabs, particularly for Germany. Finally, the oldest phalangiotarbid has been assigned to a new family.

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**

= ARACHNOPODA Dana, 1853

† ***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. 1,300 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, chasmataspidids 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

101 currently valid species of fossil horseshoe crab

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

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

plesion genera

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † *Exapinurus* Nieszkowski, 1859

8. *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]

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

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

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

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

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

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

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

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

familial affinity uncertain

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

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

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

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

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

= † *Neolimulus* Woodward, 1868*a*

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

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

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

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

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

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

possible kasibelinurids?

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

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

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

26. *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

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

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

family uncertain

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

30. *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

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

† **EUPROOPIDAE Eller, 1938*b***

= † LIOMESASPIDIDAE Raymond, 1944

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

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

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

= † *Prestwichia* Woodward, 1867 [preoccupied]

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

53. *Euproops anthrax* (Prestwich, 1840) ..... C Coal Measues
54. *Euproops bifidus* Siegfried, 1972 ..... C Coal Measues
55. *Euproops cambrensis* Dix & Pringle, 1929 ..... C Coal Measues
56. *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

57. *Euproops longispina* Packard, 1885 ..... C Mazon Creek
58. *Euproops mariae* Crônier & Courville, 2005 ..... C Massif Central
59. *Euproops meeki* Dix & Pringle, 1929 ..... C South Wales
60. *Euproops nitida* Dix & Pringle, 1929 ..... C South Wales
61. *Euproops orientalis* Kobayashi, 1933 ..... ?P Korea
62. *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

63. ?*Liomesaspis birtwelli* (Woodward, 1872*a*) ..... C Coal Measues
64. *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
65. *Liomesaspis leonardensis* (Tasch, 1961) ..... P Annelly, Kansas

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

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

UNNAMED TAXON

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

= † *Neobelinuropsis* Eller, 1938*a*

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

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

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

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

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

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

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

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

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

= † DUBBOLIMULIDAE Pickett, 1984

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

= † *Limulites* Schimper, 1853 [preoccupied]

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

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

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

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

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

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

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

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

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

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

= † *Dubbolimulus* Pickett, 1984

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

94. ?*Mesolimulus syriacus* (Woodward, 1879) ..... K Lebanon

95. *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**

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

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

= † *Heterolimulus* Via Boada & Villalta, 1966

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

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

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

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

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

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

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

INCERTAE SEDIS

† ***Belinuropsis*** **Matthew 1910**

101. *Belinuropsis wigudensis* Matthew, 1910 ……C Coal Measures

NOMEN DUBIUM

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

NOMINA NUDA

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

MISIDENTIFICATIONS

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

4 Recent species

CHASMATASPIDIDA

8 currently valid species of fossil chasmataspidid

- 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

247 currently valid species of fossil sea scorpion

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

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

= † GIGANTOSTRACA Haeckel, 1866

= † CYRTOCTENIDA Størmer & Waterston, 1968

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

= † WOODWARDOPTERINA Kjellesvig-Waering, 1959

= † HIBBERTOPTERINA Størmer, 1974

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

= † BRACHYOPTERELLOIDEA Tollerton, 1989

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

= † BRACHYOPTERELLIDAE Tollerton, 1989

= † ALKENOPTERIDAE Poschmann & Tetlie, 2004

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † LAURIEIPTERIDAE Kjellesvig-Waering, 1966*a*
= † PAGEIDAE Kjellesvig-Waering, 1966*a*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

32. *Tarsopterella scotica* (Woodward, 1872)* ..... D Mid. Valley Scotland

i. = *?Erieopterus brewsteri* Woodward, 1864 ..... D Mid. Valley Scotland

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

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

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

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

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

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

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

= † CYRTOCTENIDAE Waterston, Oelofsen & Oosthuizen, 1985

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

35. *Campylocephalus oculatus* (Kutorga, 1838)* ..... P Dourasovo, Russia

36. ?*Campylocephalus salmi* Stur, 1877 ..... C Ostrava, Czech Rep.

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

37. *Cyrtoctenus caledonicus* (Salter, 1863) ..... C East Lothian, Scotl.

38. *Cyrtoctenus dewalquei* (Fraipont, 1889) ..... D Pont-de-Bonne, Belg.

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

39. *Cyrtoctenus dicki* (Peach, 1883) ..... C Thurso, Scotland

40. *Cyrtoctenus ostraviensis* (Augusta & Přibyl, 1951) ..... C Ostrava, Czech Rep.

41. *Cyrtoctenus peachi* Størmer & Waterston, 1968* ..... C Berwickshire, Scotl.

42. *Cyrtoctenus wittebergensis* Waterston, Oelofsen & Oosthuizen, 1985 ... C Cape Province

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

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

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

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

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

45. ?*Hibbertopterus hibernicus* (Baily, 1872) ..... C Kiltorcan, Ireland

46. *Hibbertopterus permianus* Ponomarenko, 1985 ..... P Komi, Russia

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

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

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

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

= † WOODWARDOPTERIDAE Kjellesvig-Waering, 1959

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

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

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

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

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

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

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

STYLONURINA *incertae sedis*

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

55. *Stylonuroides dolichopteroides* (Størmer, 1934*b*)* ..... S Ringerike, Norway
56. *Stylonuroides orientalis* Shpinev, 2012 ..... D Lake Shunet, Siberia

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

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

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

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

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

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

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

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

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

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

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

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

65. *Stoermeropterus conicus* (Laurie, 1892)* ..... S Pentland Hills
    i. = *Drepanopterus bembycoides* Laurie, 1899 ..... S Pentland Hills
    ii. = *Drepanopterus lobatus* Laurie, 1899 ..... S Pentland Hills
66. *Stoermeropterus latus* (Størmer, 1934*b*) ..... S Ringerike, Norway
67. *Stoermeropterus nodosus* (Kjellesvig-Waering & Leutze, 1966) ..... S Bass, West Virginia

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

68. *Vinetopterus martini* Poschmann & Tetlie, 2004 ..... D Westerwald, Germ.
69. *Vinetopterus struvei* (Størmer, 1974)* ..... D Alken an der Mosel

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

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

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

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

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

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

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

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

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

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

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

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

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

82. *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**

83. *Strobilopterus princetonii* (Ruedemann, 1934)* ..... D Wyoming, USA
    i. = *Erieopterus latus* Ruedemann, 1935 ..... D Wyoming, USA

† ***Syntomopterella*** **Tetlie, 2007** ..... **Devonian**

= † *Syntomopterus* Kjellesvig-Waering, 1961*a* [preoccupied]

84. *Syntomopterella richardsoni* (Kjellesvig-Waering, 1961*a**) ..... D Ohio

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

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

= † *Baltoeurypterus* Størmer, 1973

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

93. *Eurypterus megalops* Clarke & Ruedemann, 1912 ..... S New York
94. ?*Eurypterus minor* Laurie, 1899 ..... S Pentland Hills, Scotl.
95. *Eurypterus ornatus* Leutze, 1958 ..... S Fayette, Ohio
96. *Eurypterus pittsfordensis* Sarle, 1903 ..... S Pittsford, New York
97. *Eurypterus quebecensis* Kjellesvig-Waering, 1958 ..... S Quebéc, Canada
98. *Eurypterus remipes* DeKay, 1825* ..... S New York / Ontario
    i. = *Carcinosoma trigona* (Ruedemann, 1916)..... S New York
99. *Eurypterus serratus* (Jones & Woodward, 1888) ..... S Gotland, Sweden
100. *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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † LANARKOPTERIDAE Tollerton, 1989

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

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

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

124. *Mixopterus kiaeri* Størmer, 1934*b* ..... S Ringerike, Norway
125. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)*..... S New York
126. *Mixopterus simonsoni* Schmidt, 1883 ..... S Saaremaa, Estonia

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

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

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

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

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

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

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

130. *Waeringopterus apfeli* Leutze, 1961 ..... S New York / Ontario
131. *Waeringopterus cumberlandicus* (Swartz, 1923)* ..... S West Virginia
    i. = *Eurypterus swartzi* Kjellesvig-Waering, 1958 ..... S West Virginia

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

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

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

= † *Lepidoderma* Reuss, 1855
= † *Anthraconectes* Meek & Worthen, 1868 [a/b?]
= † *Polyzosternites* Goldenberg, 1873
= † *Glyptoscorpius* Peach, 1882

132. *Adelophthalmus approximatus* (Hall & Clarke, 1888) ..... C Pennsylvania, USA
133. *Adelophthalmus asturica* (Melendez, 1971) ..... C d'Ablana, Spain
134. *Adelophthalmus bradorensis* (Bell, 1922) ..... C N. Campbelltown
135. *Adelophthalmus cambieri* (Pruvost, 1930) ..... C Charleroi, Belgium

136. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) ..... C Donetsk, Ukraine
137. *Adelophthalmus chinensis* (Grabau, 1920) ..... C–P Zhaozezhuang
138. *Adelophthalmus corneti* (Pruvost, 1939) ..... C Quaregnon, Belgium
139. *Adelophthalmus douvillei* (de Lima, 1890) ..... P Bussaco, Portugal
140. *Adelophthalmus dumonti* (Stainier, 1917) ..... C Mechelen-sur-Meuse
141. *Adelophthalmus granosus* Jordan *in* Jordan & von Meyer, 1854* ..... C Saarbrücken, Germ.
142. *Adelophthalmus imhofi* (Reuss, 1855) ..... C Vlkys, Czech Rep.
143. *Adelophthalmus irinae* Shpinev, 2006 ..... C Krasnoyarsk, Russia
144. *Adelophthalmus kidstoni* (Peach, 1888) ..... C Radstock, England
145. *?Adelophthalmus lohesti* (Dewalque *in* Fraipont 1889) ..... D Pont de Bonne, Belg.
146. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 ..... P New Mexico
147. *Adelophthalmus mansfieldi* (Hall, 1877) ..... C Pennsylvania
    i. = *Eurypterus stylus* Hall, 1884 ..... C Pennsylvania
148. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) ..... C Illinois
149. *Adelophthalmus moyseyi* (Woodward, 1907*a*) ..... C Ilkeston, Blaengarw
    i. = *Eurypterus derbiensis* Woodward, 1907*a* ..... C Ilkeston, England
150. *Adelophthalmus nebraskensis* (Barbour, 1914) ..... P Nebraska
151. *Adelophthalmus pennsylvanicus* (Hall, 1877) ..... C Pennsylvania
152. ?*Adelophthalmus perornatus* (Peach, 1882) ..... C Glencartholm, Scotl.
153. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948*b* ..... C Lens, France
154. ?*Adelophthalmus raniceps* Goldenberg, 1873 ..... C Saarbrücken, Germ.
155. *Adelophthalmus sellardsi* (Dunbar, 1924) ..... P Elmo, Kansas
156. *Adelophthalmus sievertsi* (Størmer, 1969) ..... D Willwerath, Germ.
    i. = ?*Eurypterus trapezoides* Størmer, 1974 ..... D Nellenköpfchen, Ger.
157. *Adelophthalmus waterstoni* (Tetlie *et al*., 2004) ..... D Kimberley, Australia
158. *Adelophthalmus wilsoni* (Woodward, 1888) ..... C Radstock, England
159. *Adelophthalmus zadrai* Přibyl, 1952 ..... C Moravo-Silesia

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

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

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

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

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

162. *Nanahughmilleria clarkei* Kjellesvig-Waering, 1964*b* ..... S Otisville, New York
163. *Nanahughmilleria norvegica* (Kiær, 1911)* ..... S Ringerike, Norway
    i. = *Eurypterus minutus* Kiær, 1911 ..... S Ringerike, Norway
164. *Nanahughmilleria notosiberica* Shpinev, 2012 ..... D Krasnoyarsk, Siberia
165. ?*Nanahughmilleria prominens* (Hall, 1884*b*) ..... S Cayuga, New York
166. *Nanahughmilleria pygmaea* (Salter, 1859) ..... S Herefordshire, Engl.
167. ?*Nanahughmilleria schiraensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia

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

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

169. *Parahughmilleria hefteri* Størmer, 1973 ..... D Rhenish Massif, Ge.
170. *Parahughmilleria longa* Shpiney, 2012 ..... D Lake Shunet, Siberia
171. *Parahughmilleria maria* (Clarke, 1907) ..... S New York
172. *Parahughmilleria matarakensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia
173. *Parahughmilleria salteri* Kjellesvig-Waering, 1961*b** ..... S Herefordshire, Engl.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † JAEKELOPTERIDAE Størmer, 1974

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

183. *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
184. *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
185. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York
186. *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

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

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

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

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

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

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

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

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

192. *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

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

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

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

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

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

198. *Erettopterus grandis* Pohlman, 1881 ..... S New York

199. *Erettopterus holmi* (Størmer, 1934*b*) ..... S Ringerike, Norway

200. *Erettopterus laticauda* Schmidt, 1883 ..... S Saaremaa, Estonia

201. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* ..... S England

202. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* ..... S England

203. *Erettopterus osiliensis* Schmidt, 1883 ..... S Saaremaa, Estonia

204. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* ..... S Pennsylvania

205. *Erettopterus serratus* Kjellesvig-Waering, 1961*b* ..... D Ohio

206. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.

207. ?*Erettopterus vogti* Størmer, 1934*a* ..... D Spitsbergen

208. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York

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

209. *Jaekelopterus howelli* Kjellesvig-Waering & Størmer, 1952 ..... D Wyoming

i. = *Pterygotus mcgrewi* Kjellesvig-Waering & Richardson *In* Kjellesvig-Waering (1986) [*nomen nudum*] ..... D Wyoming

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

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

211. *Necrogammarus salweyi* Woodward, 1870 ……..…S Herefordshire, Engl.

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

= † *Curviramus* Reudemann, 1935

212. *Pterygotus anglicus* Agassiz, 1844* ……..……..…… D Scotland, Canada

i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912…... D New Brunswick, Can.

ii. = *Pterygotus minor* Woodward, 1864 ……..……... D Scotland

213. *Pterygotus arcuatus* Salter *in* Huxley & Salter, 1859……..... S Herefordshire, Engl.

214. ?*Pterygotus australis* McCoy, 1899……..……. S Melbourne, Australia

215. *Pterygotus barrandei* Semper, 1898 ……..……..…… S Barrandian area

i. = *Pterygotus beraunensis* Semper, 1898 ……..... S Barrandian area

216. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* ……..… D Belen, Bolivia

217. *Pterygotus carmani* Kjellesvig-Waering, 1961 ……..……..…… D Ohio

218. *Pterygotus cobbi* Hall, 1859 ……..……..…… S New York / Canada

219. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* ……..…… S Herefordshire, Engl.

220. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* ……..……... D Florida

221. *Pterygotus gaspesiensis* Russell, 1953 ……..……..…… D Québec, Canada

222. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* ……..… S England

223. *?Pterygotus impacatus* Kjellesvig-Waering, 1964*a* ……..……..…… S Saaremaa, Estonia

224. *Pterygotus kopaninensis* Barrande, 1872 ……..……..…… S Barrandian area, Cz.

225. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* ……..... S Lesmahagow, Scotl.

226. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b*……..……..…… S England

227. *Pterygotus ludensis* Salter *in* Huxley & Salter, 1859……..……..... S Herefordshire, Engl.

228. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* ……..S Maryland

229. *Pterygotus monroensis* Sarle 1902……..……..……..……S New York

EURYPTERIDA *incertae sedis*

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

230. *Clarkeipterus* ?*otisius* (Clarke, 1907) ……..……..…… S eastern USA

231. *Clarkeipterus testudineus* (Clarke & Ruedeman, 1912)* ……..…… S New York

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

232. *Dorfopterus angusticollis* Kjellesvig-Waering, 1955* ……..……..…D Wyoming

† ***?Dolichopterus***

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

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

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

† ***?Eurypterus***

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

237. *?Eurypterus podolicus* Chernyshev, 1947 ……..……..…… S Ukraine

238. ?*Eurypterus satpaevi* Simorin, 1956……..……..……C Karaganda, Kazakh.

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

240. ?*Eurypterus tschernyschevi* Simorin, 1956……..……..…… C Karaganda, Kazakh.

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

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

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

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

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

† ***?Nanahughmilleria***

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

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

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

† ***?Salteropterus***

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

† ***?Stylonurus***

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

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

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

NOMINA DUBIA

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

NOMINA NUDA

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

NOMINA VANA

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

MISIDENTIFICATIONS

1. *Buffalopterus verrucosus* Kjellesvig-Waering & Heubusch, 1962 [crustacean] ... O New York
2. *Carcinosoma* ?*logani* (Williams, 1915) [crustacean] ..... S Ontario, Canada
3. *Eurypterus* (*Stylonurus*?) *maccarthyi* Kjellesvig-Waering, 1934 [cephalopod] .... D Ludlowville, New York
4. *Eurypterus pugio* Barrande, 1872 [crustacean] ..... S Barrandian area
5. *Eurypterus thomasi* Walter, 1924 [aglaspidid] ..... Є Wisconsin
6. *Kockurus grandis* Chlupáč, 1995 [?aglaspidid] ..... Є central Bohemia
7. *Kodymirus vagans* Chlupáč & Havlíček, 1965 [?aglaspidid] ..... Є central Bohemia

8. *Mazonipterus cyclophthalmus* Kjellesvig-Waering, 1963b [plant] ..... C Mazon Creek
9. *Pterygotus expectatus* Barrande, 1872 [crustacean] ..... S Barrandian area
10. *Pterygotus* (*Curviramus*) *elleri* Ruedemann, 1935 [crustacean] ..... D New York
11. *Pterygotus* (*Curviramus*) *montanensis* Ruedemann, 1935 [crustacean] ..... D Montana
12. *Pterygotus* (*Leptocheles*) *leptodactylum* M'Coy, 1849 [crustacean] ..... S Herefordshire, Engl.

PSEUDOFOSSILS

1. *Brachyopterella magna* (Clarke & Ruedemann, 1912) ..... O New York
2. ?*Carcinosoma linguata* (Clarke & Ruedemann, 1912) ..... O New York
3. ?*Carcinosoma longiceps* (Clarke & Ruedemann, 1912) ..... O New York
4. *Dolichopterus antiquus* Ruedemann, 1942 ..... O New York
5. *Dolichopterus frankfortensis* (Clarke & Ruedemann, 1912) ..... O New York
6. *Dolichopterus insolitus* Ruedemann, 1926 ..... O New York
7. ?*Dolichopterus stellatus* (Clarke & Ruedemann, 1912) ..... O New York
8. ?*Drepanopterus ruedemanni* (O'Connell, 1916) ..... O New York
9. ?*Eocarcinosoma breviceps* (Ruedemann, 1926) ..... O New York
10. *Eocarcinosoma ruedemanni* (Flower, 1945) ..... O New York
11. *Eocarcinosoma triangulatus* (Clarke & Ruedemann, 1912) ..... O New York
12. *Erettopterus walcotti* (Ruedemann, 1926) ..... O New York
13. *Erieopterus chadwicki* (Clarke & Ruedemann, 1912) ..... O New York
14. *Erieopterus hudsonicus* (Ruedemann, 1934) ..... O New York
15. ?*Eurypterus decepiens* (Ruedemann, 1942) ..... O New York
16. *Eurypterus indicus* Dubey, 1985 ..... p€ M. Pradesh, India
17. ?*Eurypterus pristinus* (Clarke & Ruedemann, 1912) ..... O New York
18. *Eurypterus vermai* Dubey, 1985 ..... p€ M. Pradesh, India
19. *Hughmilleria chiplonkari* Dubey, 1985 ..... p€ M. Pradesh, India
20. *Hughmilleria kilfoylei* Ruedemann, 1934 ..... O New York
21. *Hughmilleria prisca* Ruedemann, 1934 ..... O New York
22. *Hughmilleria uticana* Ruedemann, 1926 ..... O New York
23. *Parastylonurus rusti* (Ruedemann, 1926) ..... O New York
24. *Pterygotus deepkillensis* Ruedemann, 1934 ..... O New York
25. *Pterygotus nasutus* Clarke & Ruedemann, 1912 ..... O New York
26. ?*Pterygotus normanskillensis* Clarke & Ruedemann, 1912 ..... O New York
27. *Ruedemannipterus breviceps* (Clarke & Ruedemann, 1912) ..... O New York
28. *Ruedemannipterus latifrons* (Clarke & Ruedemann, 1912) ..... O New York
29. *Stylonurella modestus* (Clarke & Ruedemann, 1912) ..... O New York
30. *Stylonuroides limbatus* (Clarke & Rudemann, 1912) ..... O New York
31. ?*Waeringopterus pristinus* (Ruedemann, 1942) ..... O New York
32. *Waeringopterus prolificus* (Clarke & Ruedemann, 1912) ..... O New York

no Recent species

SCORPIONES

116 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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

= † PETALOSCORPIONIDAE Kjellesvig-Waering, 1986

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

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

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

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

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

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

= † ANTHRACOCHAERILIDAE Kjellesvig-Waering, 1986

= † PHOXISCORPIONIDAE Kjellesvig-Waering, 1986

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

37. *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**

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

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

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

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

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

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

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

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

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

= † *Mazoniscorpio* Wills, 1960

42. *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**

43. *Eobuthus cordai* Kjellesvig-Waering, 1986 ..... C Kralupy Hill
44. *Eobuthus holti* Pocock, 1911 ..... C Sparth Bottoms
45. *Eobuthus rakovnicensis* Frič, 1904* ..... C Rakovník

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

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

= † *Alloscorpius* Petrunkevitch, 1949
= † *Europhthalmus* Petrunkevitch, 1949
= † *Lichnophthalmus* Petrunkevitch, 1949
= † *Trigonoscorpio* Petrunkevitch, 1913
= † *Typhloscorpius* Petrunkevitch, 1949

46. *Eoscorpius bornaensis* Sterzel, 1918 ..... C Chemnitz–Borna
47. *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
48. *Eoscorpius casei* Kjellesvig-Waering, 1986 ..... C Nova Scotia
49. *Eoscorpius distinctus* (Petrunkevitch, 1949) ..... C Coseley
50. *Eoscorpius mucronatus* Kjellesvig-Waering, 1986 ..... C Barnsley
51. *Eoscorpius pulcher* (Petrunkevitch, 1949) ..... C Barnsley
    i. = *Europhthalmus longimanus* Petrunkevitch, 1949 ..... C Barnsely
52. *Eoscorpius sparthensis* Baldwin & Sutcliffe, 1904 ..... C Sparth Bottoms

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

72. ?*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**

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

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

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

Orthosternina *incertae sedis*

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

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

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

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

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

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

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

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

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

family uncertain

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

= † *Allobuthiscorpius* Kjellesvig-Waering, 1986
= † *Coseleyscorpio* Kjellesvig-Waering, 1986
= † *Leioscorpio* Kjellesvig-Waering, 1986
= † *Lichnoscorpius* Petrunkevitch, 1949
= † *Pseudobuthiscorpius* Kjellesvig-Waering, 1986
= † *Typhlopisthacanthus* Petrunkevitch, 1949

79. *Compsoscorpius buthiformis* (Pocock, 1911)* ..... C Sparth Bottoms

i. = *Typhlopisthacanthus anglicus* Petrunkevitch, 1949 ... C Coseley
ii. = *Lichnoscorpius minutus* Petrunkevitch, 1949 ..... C Coseley
iii. = *Compsoscorpius elegans* Petrunkevitch 1949 ..... C Coseley
iv. = *Compsoscorpius elongatus* Petrunkevitch, 1949 ..... C Coseley
v. = *Buthiscorpius major* Wills, 1960 ..... C Kilburn Coal
vi. = *Leioscorpio pseudobuthiformis* Kjellesvig-Waering, 1986 ..... C Coseley
vii. = *Pseudobuthiscorpius labiosus* Kjellesvig-Waering, 1986 ..... C Coseley
viii. = *Coseleyscorpio lanceolatus* Kjellesvig-Waering, 1986 C Coseley
ix. = *Allobuthus macrostethus* Kjellesvig-Waering, 1986 .... C Coseley

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

no fossil record

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

family uncertain

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

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

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

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

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

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

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

82. *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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

92. *Palaeogrosphus jacquesi* Lourenco & Henderickx, 2002 ..... Qt Copal

† ***Palaeolychas* Lourenço & Weitschat, 1996** ..... **Palaeogene**

93. *Palaeolychas balticus* Lourenço & Weitschat, 1996* ..... Pa Baltic amber

94. *Palaeolychas weitschati* Lourenço, 2012 ..... Pa Baltic amber

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

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

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

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

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

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

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

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

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

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

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

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

BUTHIDAE *incertae sedis*

102. '*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**

103. *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**

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

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

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

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

no fossil record

CHAERILIDAE Pocock, 1893 ..... **Cretaceous – Recent**

***Electrochaerilus* Santiago-Blay *et al*., 2004** ..... **Cretaceous**

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

DIPLOCENTRIDAE Karsch, 1880*b* ..... **Recent**

no fossil record

EUSCORPIIDAE Laurie, 1896 ..... **Recent**

no fossil record

HETEROSCORPIONIDAE Kraepelin, 1905 ..... **Recent**

no fossil record

HEMISCORPIIDAE Pocock, 1893 ..... **Cretaceous – Recent**

= ISCHNURIDAE Simon, 1879*a*

= LIOCHELIDAE Fet & Bechly, 2001

= † PROTOISCHNURIDAE Carvalho & Lourenço, 2001

† ***Protoischnurus*** **Carvalho & Lourenço, 2001** ..... **Cretaceous**

107. *Protoischnurus axelrodorum* Carvalho & Lourenço, 2001* ..... K Crato Formation

IURIDAE Thorell, 1876*b* ..... **Recent**

no fossil record

SCORPIONIDAE Latreille, 1802 ..... **Neogene – Recent**

= PANDINOIDAE Thorell, 1876*b*

= HETEROMETRIDAE Simon, 1879*a*

† ***Mioscorpio*** **Kjellesvig-Waering, 1986** ..... **Neogene**

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*

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

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

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

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

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

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

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

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

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

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

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

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

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

116. *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

c. 2,000 Recent species

OPILIONES

34 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**

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

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

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

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

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

   NB: Originally desribed as a sironid, but regarded as a stylocellid by Giribet *et al*. (2012)

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

no fossil record

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

plesion taxa

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

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

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

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

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

6. *Kustarachne tenuipes* Scudder, 1890*b** ..... C Mazon Creek
   - i. = *Kustarachne exstincta* Melander, 1903 ..... C Mazon Creek
   - ii. = *Kustarachne conica* Petrunkevitch, 1913 ..... C Mazon Creek

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

7. *Macrogyion cronus* Garwood *et al*. 2011* ..... C Montceau-les-Mines

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

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

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

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

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

family uncertain

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

9. *Petrunkevitchiana oculata* (Petrunkevitch, 1922)* ..... Pa Florissant

MONOSCUTIDAE Forster, 1948 ..... **Recent**

no fossil record

NEOPILIONIDAE Lawrence, 1931 ..... **Recent**

no fossil record

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

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

10. *Dicranopalpus ramiger* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Opilio corniger* Menge, 1854 ..... Pa Baltic amber

ii. = *Dicranopalpus palmnickensis* Roewer, 1939 ..... Pa Baltic amber

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

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

?Phalangiidae

12. *Opilio ovalis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

[probably misplaced at genus level]

SCLEROSOMATIDAE Simon, 1879*a* ..... **Jurassic – Recent**

† ***Amauropilio* Mello-Leitão, 1937** ..... **Palaeogene**

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

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

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

15. *Leiobunum longipes* Menge, 1854 ..... Pa Baltic amber

i. = *Leiobunum saparum* Menge, 1854 [?*lapsus*] ..... Pa Baltic amber

ii. = *Leiobunum inclusum* Roewer, 1939 ..... Pa Baltic amber

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

16. *Mesobunus dunlopi* Giribet, Tourhino, Shih & Ren, 2012 ..... J Daohugou

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

Family uncertain

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

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

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

family uncertain

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

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

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

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

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

Tentative assignment, family uncertain

† ***Piankhi*** **Dunlop, Bartel & Mitov, 2012** ..... **Palaeogene**

21. *Piankhi steineri* Dunlop, Bartel & Mitov, 2012* ..... Pa Baltic amber

CERATOLASMATIDAE Shear, 1986 ..... **Recent**

no fossil record

ISCHYROPSALIDIDAE Simon, 1879*a* ..... **Recent**

no fossil record

SABACONIDAE Dresco, 1970 ..... **Palaeogene – Recent**

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

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

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

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

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

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

23. *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**

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

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

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

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

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

26. ?*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**

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

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

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

= † *Protopilio* Petrunkevitch, 1913

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

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

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

no fossil record

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

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

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

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

family uncertain

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

31. *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**

32. *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**

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

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

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

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

no fossil record

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

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

no fossil record

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

no fossil record

PETROBUNIDAE Sharma & Giribet, 2011 ..... **Recent**

no fossil record

PYRAMIDOPIIDAE Sharma, Prieto & Giribet, 2011 ..... **Recent**

no fossil record

STYGNOPSIDAE Sørensen, 1932 ..... **Recent**

no fossil record

TITHAEIDAE Sharma & Giribet, 2011 ..... **Recent**

no fossil record

GONYLEPTOIDEA Sundevall, 1833 ..... **Recent**

AGORISTENIDAE Šilhavý, 1973 ..... **Recent**

no fossil record

COSMETIDAE C. L. Koch, 1839*a* ..... **Recent**

no fossil record

CRANAIDAE Roewer, 1913 ..... **Recent**

no fossil record

GONYLEPTIDAE Sundevall, 1833 ..... **Recent**

no fossil record

MANAOSBIIDAE Roewer, 1943 ..... **Recent**

no fossil record

STYGNIDAE Simon, 1879*b* ..... **Recent**

no fossil record

PHALANGODOIDEA Simon, 1879*a* ..... **Recent**

ONCOPODIDAE Thorell, 1876*c* ..... **Recent**

no fossil record

PHALANGODIDAE Simon, 1879*a* ..... **Recent**

no fossil record

ZALMOXOIDEA Sørensen, 1886 ..... **Recent**

FISSIPHALLIIDAE Martens, 1988 ..... **Recent**

no fossil record

GUASINIIDAE González-Sponga, 1997 ..... **Recent**

no fossil record

ICALEPTIDAE Kury & Pérez González, 2002 ..... **Recent**

no fossil record

ZALMOXIDAE Sørensen, 1886 ..... **Recent**

no fossil record

OPILIONES *incertae sedis*

unnamed specimen *in* Jell & Duncan (1986) ..... K Koonwarra

NOMINA DUBIA

1. *Cheiromachus coriaceus* Menge, 1854 ..... Pa Baltic amber
2. *Phalangium succineum* Presl, 1822 ..... Pa Baltic amber

MISIDENTIFICATIONS

1. *Hasseltides primigenius* Weyenbergh, 1869 [crinoid] ..... J Solnhofen
2. *Rhabdotarachnoides simoni* Haupt, 1957 [plant fragment] ..... P Rotliegend

6,491 Recent species according to Kury (2011)

PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

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

= † ARCHITARBIDA Petrunkevitch, 1945*a*

† **DEVONOTARBIDAE Poschmann & Dunlop, 2012** ..... **Devonian**

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

1. *Devonotarbus hombachensis* Poschmann, Anderson & Dunlop, 2005* D Germany

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

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

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

† **ARCHITARBIDAE Karsch, 1882** ..... **Carboniferous**

= † PHALANGIOTARBIDAE Haase, 1890

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

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

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

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

† ***Discotarbus* Petrunkevitch, 1913** ..... **Carboniferous**

7. *Discotarbus deplanatus* Petrunkevitch, 1913* ..... C Mazon Creek

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

8. *Geratarbus lacoei* Scudder, 1890*b** ..... C Mazon Creek
9. *Geratarbus bohemicus* Petrunkevitch, 1953 ..... C Nýřany

† ***Goniotarbus* Petrunkevitch, 1949** ..... **Carboniferous**

10. *Goniotarbus angulatus* (Pocock, 1911) ..... C Coseley
11. *Goniotarbus tuberculatus* (Pocock, 1911)* ..... C Coseley
    i. = *Goniotarbus tuberculatus* Petrunkevitch, 1949 ..... C Coseley

† ***Hadrachne* Melander, 1903** ..... **Carboniferous**

12. *Hadrachne horribilis* Melander, 1903* ..... C Mazon Creek

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

13. *Leptotarbus torpedo* (Pocock, 1911)* ..... C Coseley

† ***Mesotarbus* Petrunkevitch, 1949** ..... **Carboniferous**

14. *Mesotarbus angustus* (Pocock, 1911) ..... C Coseley

15. *Mesotarbus eggintoni* (Pocock, 1911) ..... C Coseley
16. *Mesotarbus hindi* (Pocock, 1911) ..... C Coseley
17. *Mesotarbus intermedius* Petrunkevitch, 1949* ..... C Coseley
18. *Mesotarbus peteri* Dunlop & Horrocks, 1997 ..... C Westhoughton

† ***Metatarbus* Petrunkevitch, 1913** ..... **Carboniferous**

19. *Metatarbus triangularis* Petrunkevitch, 1913* ..... C Mazon Creek

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

20. *Ootarbus pulcher* Petrunkevitch, 1945*a** ..... C Mazon Creek
21. *Ootarbus ovatus* Petrunkevitch, 1945*a* ..... C Mazon Creek

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

22. *Orthotarbus longipes* Simon, 1971 ..... C Halleschen Mulde
23. *Orthotarbus minutus* (Petrunkevitch, 1913)* ..... C Mazon Creek
24. *Orthotarbus robustus* Petrunkevitch, 1945*a* ..... C Mazon Creek
25. *Orthotarbus nyranensis* Petrunkevitch, 1953 ..... C Nýřany

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

26. *Paratarbus carbonarius* Petrunkevitch, 1945*a** ..... C Mazon Creek

† ***Phalangiotarbus* Haase, 1890** ..... **Carboniferous**

27. *Phalangiotarbus subovalis* (Woodward, 1872*b*)* ..... C Burnley

† ***Pycnotarbus* Darber, 1990** ..... **Carboniferous**

28. *Pycnotarbus verrucosus* Darber, 1990* ..... C Oelsnitz

† ***Triangulotarbus* Patrick, 1989** ..... **Carboniferous**

29. *Triangulotarbus terrehautensis* Patrick, 1989* ..... C Indiana

† **HETEROTARBIDAE Petrunkevitch, 1913** ..... **Carboniferous**

† ***Heterotarbus* Petrunkevitch, 1913** ..... **Carboniferous**

30. *Heterotarbus ovatus* Petrunkevitch, 1913* ..... C Mazon Creek

† **OPILIOTARBIDAE Petrunkevitch, 1945*a*** ..... **Carb. – Permian**

† ***Opiliotarbus* Pocock, 1910** ..... **Carb. – Permian**

31. *Opiliotarbus elongatus* (Scudder, 1890*b*)* ..... C – P USA / Germany

NOMINA DUBIA

1. *Eotarbus litoralis* Kušta, 1888 ..... C Rakovník
2. *Nemastomoides depressus* Petrunkevitch, 1913 ..... C Mazon Creek

no Recent species

PSEUDOSCORPIONES

44 currently valid species of fossil pseudoscorpion

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

= CHERNETES Simon, 1879*a*

† **DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991 (plesion family)** ..... **Devonian**

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

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

CHELONETHI Thorell, 1882 ..... **Cretaceous – Recent**

EPIOCHIERATA Harvey, 1992 ..... **Cretaceous – Recent**

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

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

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

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

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

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

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

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

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
11. *Pseudogarypus synchrotron* Henderickx *in* Henderickx *et al.*, 2012 ..... Pa Baltic amber

IOCHIERATA Harvey, 1992 ..... **Cretaceous – Recent**

HEMICTENATA Balzan, 1892 ..... **Cretaceous – Recent**

NEOBISIOIDEA Chamberlin, 1930 ..... **Cretaceous – Recent**

BOCHICIDAE Chamberlin, 1930 ..... **Recent**

= VACHONIIDAE Chamberlin, 1947

no fossil record

GYMNOBISIIDAE Beier, 1947*b* ..... **Recent**

no fossil record

HYIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

IDEORONCIDAE Chamberlin, 1930 ..... **Recent**

no fossil record

NEOBISIIDAE Chamberlin, 1930 ..... **Cretaceous – Recent**

= OBISIIDAE Sundevall, 1833

† ***Electrobisium* Cockerell, 1917** ..... **Cretaceous**

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

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

13. *Microcreagris koellnerorum* Schawaller, 1978 ..... Pa Baltic amber

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

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

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

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

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

no fossil record

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

no fossil record

PANCTENATA Balzan, 1892 ..... **Cretaceous – Recent**

GARYPOIDEA Simon, 1879*a* ..... **Cretaceous – Recent**

GARYPIDAE Simon, 1879*a* ..... **Recent**

= SYNSPHRONIDAE Beier, 1932*a*

no fossil record

GARYPINIDAE Daday, 1888 ..... **Cretaceous – Recent**

Amblyolpium* Simon, 1898*b ..... **Cretaceous – Recent**

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

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

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

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

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

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

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

21. *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**

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

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

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

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

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

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

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

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

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

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

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

ATEMNIDAE Kishida, 1929 ..... **Palaeogene – Recent**

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

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

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

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

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

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

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

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

= † *Oligochelifer* Beier, 1937

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

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

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

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

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

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

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

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

35. *Electrochelifer rapulitarsatus* Beier, 1947*a* ..... Pa Baltic amber

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

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

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

37. *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**

38. *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**

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

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

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

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

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

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

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

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

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

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

NOMINA DUBIA

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

NOMINA NUDA

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

3,385 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

1,113 Recent species

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

82 Recent species

ACARI: PARASITIFORMES

15 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?

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

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

= NEOACARIDAE Chamberlin & Mulaik, 1942

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

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

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

2. *Paracarus pristinus* Dunlop, Wunderlich & Poinar, 2004 ..... Pa Baltic amber

HOLOTHYRIDA Thorell, 1882 (suborder) ..... **Recent**

= TETRASTIGMATA author, date?

HOLOTYHROIDEA Thorell, 1882 ..... **Recent**

ALLOTHYRIDAE van der Hammen, 1972 ..... **Recent**

no fossil record

HOLOTHYRIDAE Thorell, 1882 ..... **Recent**

no fossil record

NEOTHYRIDAE Lehtinen, 1981 ..... **Recent**

no fossil record

IXODIDA Leach, 1815 (suborder) ..... **Cretaceous – Recent**

= METASTIGMATA author, date?

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

ARGASIDAE Murray, 1877 ..... **Cretaceous – Recent**

***Carios* Latreille, 1796** ..... **Cretaceous – Recent**

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

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

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

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

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

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

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

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

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

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

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

9. *Dermacentor* nr. *reticulatus* (Fabricius, 1794) **[Recent]** (*in* Kulczyński *in* Schille 1916) ..... Ne–R in a Rhino's ear

***Hyalomma* C. L. Koch, 1844** ..... **Palaeogene – Recent**

Hyalomma spp. ..... Pa Baltic amber

***Ixodes* Latreille, 1795** ..... **Palaeogene – Recent**

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

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

no fossil record

MESOSTIGMATA G. Canestrini, 1891 (suborder) ..... **Palaeogene – Recent**

= GAMASIDA Leach, 1815

SEJIDA Kramer, 1885 (infraorder) ..... **Palaeogene – Recent**

= LIROASPINA author, date?

= TRICHOPYGIDIINA author, date?

SEJOIDEA Berlese, 1885 ..... **Palaeogene – Recent**

ICHTHYOSTOMATOGASTERIDAE Sellnick, 1953 ..... **Recent**

no fossil record

SEJIDAE Berlese, 1885 ..... **Palaeogene – Recent**

= LIROASPIDIDAE Trägårdh, 1946

***Sejus* C. L. Koch, 1836** [NB: *Seius* in an invalid emendation] ..... **Palaeogene – Recent**

12. *Sejus bdelloides* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

UROPODELLIDAE Camin, 1955 ..... **Recent**

no fossil record

TRIGYNASPIDA Camin & Gorirossi, 1955 (infraorder) ..... **Recent**

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

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

ASTERNOSEIIDAE Vale, 1955 ..... **Recent**

no fossil record

CERCOMEGISTIDAE Trägårdh, 1937 ..... **Recent**

no fossil record

DAVACARIDAE Kethley, 1979 ..... **Recent**

no fossil record

PYROSEJIDAE Lindquist & Moraza, 1993 ..... **Recent**

no fossil record

SALTISEIIDAE Walter, 2000 ..... **Recent**

no fossil record

SEIODIDAE Kethley, 1979 ..... **Recent**

no fossil record

ANTENNOPHORINA Berlese, 1882 (cohort) ..... **Recent**

ANTENNOPHOROIDEA Berlese, 1892 ..... **Recent**

ANTENNOPHORIDAE Berlese, 1892 ..... **Recent**

no fossil record

CELAENOPSOIDEA Berlese, 1892 ..... **Recent**

CELAENOPSIDAE Berlse, 1892 ..... **Recent**

no fossil record

COSTACARIDAE Hunter, 1993 ..... **Recent**

no fossil record

DIPLOGYNIIDAE Trägårdh, 1941 ..... **Recent**

no fossil record

EUZERCONIDAE Trägårdh, 1938 ..... **Recent**

no fossil record

MEGACELAENOPSIDAE Funck, 1975 ..... **Recent**

no fossil record

MEINERTULIDAE Trägårdh, 1950 ..... **Recent**

no fossil record

NEOTENOGYNIIDAE Kethley, 1974 ..... **Recent**

no fossil record

SCHIZOGYNIIDAE Trägårdh, 1950 ..... **Recent**

no fossil record

TRIPLOGYNIIDAE Funck, 1977 ..... **Recent**

no fossil record

PARAMEGISTOIDEA Trägårdh, 1946 ..... **Recent**

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

no fossil record

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

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

no fossil record

KLINCKOWSTROEMIIDAE Camin & Gorirossi, 1955 ..... **Recent**

no fossil record

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

no fossil record

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

HOPLOMEGISTIDAE Camin & Gorirossi, 1955 ..... **Recent**

no fossil record

MEGISTHANIDAE Berlese, 1914 ..... **Recent**

no fossil record

PARANTENNULOIDEA Willmann, 1940 ..... **Recent**

PARANTENNULIDAE Willmann, 1940 ..... **Recent**

no fossil record

PHILODANIDAE Kethley, 1977*b* ..... **Recent**

no fossil record

AENICTEQUOIDEA Kethley, 1979 ..... **Recent**

AENICTEQUIDAE Kethley, 1979 ..... **Recent**

no fossil record

EUPHYSALOZERCONIDAE Kim, 2008 ..... **Recent**

no fossil record

MESSORACARIDAE Kethley, 1977 ..... **Recent**

no fossil record

PHYSALOZERCONIDAE Kethley, 1977 ..... **Recent**

no fossil record

PTOCHACARIDAE Kethley, 1979 ..... **Recent**

no fossil record

MONOGYNASPIDA Camin &Goriossi, 1955 (infrorder) ..... **Palaeogene – Recent**

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

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

UROPODIAE Kramer, 1881 (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**

BALOGHJKASZABIIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

BRASILUROPODIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

CILLIBIDAE Trägårdh, 1944..... **Recent**

no fossil record

CLAUSIADINYCHIDAE Hirschmann, 1979..... **Recent**

no fossil record

CIRCOCYLLIBAMIDAE Sellnick, 1926 ..... **Recent**

no fossil record

CYLLIBULIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

DERAIOPHORIDAE Trägårdh, 1952 ..... **Recent**

no fossil record

DINYCHIDAE Berlese, 1916 ..... **Recent**

no fossil record

DISCOURELLIDAE Baker & Wharton, 1952 ..... **Recent**

no fossil record

EUTRACHYTIDAE Trägårdh, 1944..... **Recent**

no fossil record

HUTUFEIDERIIDAE Hirschmann, 1979..... **Recent**

no fossil record

KASZABJBALOGHIIDAE Hirschmann, 1979..... **Recent**

no fossil record

MACRODINYCHIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

METAGYNURIDAE Balogh, 1943 ..... **Recent**

no fossil record

NENTERIIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

OPLITIDAE Johnston, 1968 ..... **Recent**

no fossil record

PHYMATODISCIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

PRODINYCHIDAE Berlese, 1917 ..... **Recent**

no fossil record

ROTUNDABALOGHIIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

TERASEJASPIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

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

= TREMATURELLIDAE Trägårdh, 1944

no fossil record

TRICHOCYLLIBIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

TRICHOUROPODELLIDAE Hirschmann, 1979 ..... **Recent**

no fossil record

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

no fossil record

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

no fossil record

URODIASPIDIDAE Trägårdh, 1944 ..... **Recent**

no fossil record

URODINYCHIDAE Berlese, 1917 ..... **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 Kramer, 1881 (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**

13. *Paleozercon cavernicolus* Błaszak, Cokendolpher & Polyak, 1995 ..... Ne New Mexico

ARCTACARIAE Johnston, 1982 (subcohort) ..... **Recent**

ARCTACAROIDEA Evans, 1955 ..... **Recent**

ARCTACARIDAE Evans, 1955 ..... **Recent**

no fossil record

PARASITIAE Reuter, 1909 (subcohort) ..... **Palaeogene – Recent**

PARASITOIDEA Oudemans, 1901 ..... **Palaeogene – Recent**

PARASITIDAE Oudemans, 1901 ..... **Palaeogene – Recent**

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

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

DERMANYSSIAE Evans & Till, 1997 (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 ...[or 57?]..... **Neogene – Recent**

***Dendrolaelaps* Halbert, 1915** ..... **Neogene – Recent**

15. *Dendrolaelaps fossilis* Hirschman, 1971 ..... Ne Chiapas amber

EURYPARASITIDAE d'Antony, 1987 ..... **Recent**

no fossil record

GAMASIPHIDAE author, date? ..... **Recent**

no fossil record

LAELAPTONYSSIDAE Womersley, 1956 ..... **Recent**

no fossil record

OLOGAMASIDAE Ryke, 1962 ..... **Recent**

no fossil record

PANTENIPHIDIDAE d'Antony, 1987 ..... **Recent**

no fossil record

RHODACARIDAE Oudemans, 1902 ..... **Recent**

no fossil record

TERANYSSIDAE Halliday, 2006 ..... **Recent**

no fossil record

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

EVIPHIDIDAE Berlese, 1913 ..... **Recent**

no fossil record

MACROCHELIDAE Vitzthum, 1930 ..... **Quaternary–Recent**

***Macrocheles* Latreille, 1829** ..... **Quaternary–Recent**

Macrocheles sp. *in* Ramsay (1960) ..... Qt New Zealand

MEGALOLAELAPIDAE author, date? ..... **Recent**

no fossil record

PACHYLAELAPIDAE Berlese, 1913 ..... **Recent**

= NEOPARASITIDAE Oudemans, 1939

= BULBOGAMASIDAE Gu, Wang & Duan, 1991

no fossil record

PARHOLASPIDIDAE Evans, 1956 ..... **Recent**

no fossil record

ASCOIDEA Oudemans, 1905 ..... **Quarternary – Recent**

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

no fossil record

ASCIDAE Voigts & Oudemans, 1905 ..... **Recent**

no fossil record

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

no fossil record

MELICHARIDAE Hirschmann, 1962 ..... **Recent**

no fossil record

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

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

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

BLATTISCOIIDAE Garman, 1948 ..... **Recent**

no fossil record

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

no fossil record

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

no fossil record

DERMANYSSOIDEA Kolenati, 1859 ..... **Recent**

DASYPONYSSIDAE Fonseca, 1940 ..... **Recent**

no fossil record

DERMANYSSIDAE Kolenati, 1859 ..... **Recent**

no fossil record

ENTONYSSIDAE Ewing, 1922 ..... **Recent**

no fossil record

HAEMOGAMASIDAE Oudemans, 1939 ..... **Recent**

no fossil record

HALARACHNIDAE Oudemans, 1906 ..... **Recent**

no fossil record

HIRSTIONYSSIDAE Evans & Till, 1966 ..... **Recent**

no fossil record

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

no fossil record

IPHIOPSIDIDAE Kramer, 1886 ..... **Recent**

no fossil record

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

no fossil record

LAELAPIDAE Berlese, 1892 ..... **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

nomum dubium

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

c. 12,500 Recent species

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 the derived Brachypylina group of the oribatids remains controversial and is not formally listed below

ACARIFORMES Zachvatkin, 1952 ..... **Devonian – Recent**

= ACTINOTRICHIDA author, date?

TROMBIDIFORMES Reuter, 1909 (suborder) ..... **Devonian – Recent**

SPHAEROLICHIDA OConnor, 1984 (infraorder) ..... **Recent**

LORDALYCOIDEA Grandjean, 1939 ..... **Recent**

LORDALYCHIDAE Grandjean, 1939 ..... **Recent**

= HYBALICIDAE Theron, 1974

no fossil record

SPHAEROLICHOIDEA Berlese, 1913 ..... **Recent**

SPHAEROLICHIDAE Berlese, 1913 ..... **Recent**

no fossil record

PROSTIGMATA Kramer, 1877 (infraorder) ..... **Devonian – Recent**

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

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

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

= NICOLETIELLIDAE Canestrini, 1891

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

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

EUPODIDES Krantz, 1978 (supercohort) ..... **Devonian – Recent**

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

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

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

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

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

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

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

6. *Bdellodes lata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

CUNAXIDAE Thor, 1902 ..... **Recent**

no fossil record

HALACAROIDEA Murray, 1877 ..... **Recent**

HALACARIDAE Murray, 1877 ..... **Recent**

no fossil record

PEZIDAE Harvey, 1990 ..... **Recent**

no fossil record

EUPODOIDEA C. L. Koch, 1842 ..... **Palaeogene – Recent**

COCCEUPODIDAE Jesionowska, 2010 ..... **Recent**

no fossil record

DENDOCHAETIDAE Oliver, 2008 ..... **Recent**

no fossil record

EUPODIDAE C. L. Koch, 1842 ..... **Recent**

no fossil record

ERIORHYNCHIDAE Qin & Halliday, 1997 ..... **Recent**

no fossil record

PENTAPALPIDAE Oliver & Theron, 2000 ..... **Recent**

no fossil record

PENTHALEIDAE Oudemans, 1931 ..... **Recent**

no fossil record

PENTHALODIDAE Thor, 1933 ..... **Palaogene – Recent**

***Penthalodes* Murray, 1877** ..... **Palaeogene – Recent**

7. *Penthalodes tristiculus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

PROTERORHAGIIDAE Lindquist & Palacios-Vargas, 1991 ..... **Recent**

no fossil record

RHAGIDIIDAE Oudemans, 1922 ..... **Paleogene – Recent**

Rhagidiidae indet. *in* Judson & Wunderlich (2003) ..... Pa Baltic amber

***Poecilophysis* O. P.-Cambridge, 1876** ..... **Paleogene – Recent**

?*Poecilophysis* sp. *in* Judson & Wunderlich (2003) ..... Pa Baltic amber

† ***Zachardia* Judson & Wunderlich, 2003** ..... **Paleogene**

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

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

no fossil record

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

EREYNETIDAE Oudemans, 1931 ..... **Recent**

= MICROEREUNETIDAE Bottazzi, 1950

no fossil record

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

no fossil record

TRIOPHTYDEIDAE Andrè, 1980 ..... **Recent**

= MEYERELLIDAE André, 1979

no fossil record

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

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

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

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

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

ERIOPHYOIDEA Nalepa, 1898 ..... **Triassic – Recent**

= TETRAPODILI author, date?

† ***Ampezzoa* Linquist & Grimaldi *in* Schmidt *et al*., 1012,** ..... **Triassic – Recent**

11. *Ampezzoa triassica* Lindquist & Grimaldi *in* Schmidt *et al*., 2012* ..... Tr Italian amber

† ***Triasacarus* Linquist & Grimaldi *in* Schmidt *et al*., 1012,** ..... **Triassic – Recent**

12. *Triasacarus fedelei* Lindquist & Grimaldi *in* Schmidt *et al*., 2012* ..... Tr Italian amber

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

no fossil record

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

***Aculops* Keifer, 1966** ..... **? Palaeogene – Recent**

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

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

= NALEPELLIDAE Roivainen, 1953

no fossil record

ANYSTIDES van der Hammen, 1972 (supercohort) ..... **Cretaceous – Recent**

ANYSTINA van der Hammen, 1972 (cohort) ..... **Cretaceous – Recent**

CAECULOIDEA Berlese, 1883 ..... **Paleogene – Recent**

CAECULIDAE Berlese, 1883 ..... **Paleogene – Recent**

***Procaeculus* Jacot, 1936** ..... **Paleogene – Recent**

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 copal

***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 Kethley, 1990 ..... **Recent**

no fossil record

POMERANTZIOIDEA Baker, 1949 ..... **Recent**

POMERANTZIIDAE Baker, 1949 ..... **Recent**

no fossil record

PARASITENGONA Oudemans, 1909 (cohort) ..... **Cretaceous – Recent**

ERYTHRAIAE author, date? (subcohort) ..... **Cretaceous – Recent**

CALYPTOSTOMATOIDEA Oudemans, 1923 ..... **Recent**

CALYPTOSTOMATIDAE Oudemans, 1923 ..... **Recent**

no fossil record

ERYTHRAEOIDEA Grandjean, 1947*a* ..... **Cretaceous – Recent**

larval Erythraeoidea *in* Zacharda & Krivoluckij (1985) ..... K Siberian amber

† ***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 copal

† ***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

AMPHOTROMBIOIDEA Zhang, 1998 ..... **Recent**

AMPHOTROMBIIDAE, Zhang, 1998 ..... **Recent**

no fossil record

ALLOTANAUPODOIDAE Zhang & Fan, 2007 ..... **Recent**

ALLOTANAUPODIDAE Zhang & Fan, 2007 ..... **Recent**

no fossil record

TANAUPODOIDEA Thor, 1935 ..... **Creteaceous – Recent**

TANAUPODIDAE Thor, 1935 ..... **Creteaceous – Recent**

= ?AMPHOTROMBIIDAE Zhang, 1998

= TANAUPODASTRIDAE Feider, 1959

† ***Atanaupodus* Judson & Mąkol, 2009** ..... **Cretaceous**

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**

ACHAEMENOTHROMBIIDAE Saboori, Wohltmann & Hakimitabar, 2010 ..... **Recent**

no fossil record

EUTROMBIDIIDAE Thor, 1935 ..... **Recent**

no fossil record

MICROTROMBIDIIDAE Thor, 1935 ..... **Recent**

no fossil record

NEOTHROMBIIDAE Feider, 1955 ..... **Recent**

no fossil record

TROMBIDIIDAE Leach, 1815 ..... **Paleogene – Recent**

= PARATHROMBIIDAE Feider, 1959

***Allothrombium* Berlese, 1903** ..... **Paleogene – Recent**

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 family may be a synonym

WALCHIIDAE Ewing, 1946 ..... **Recent**

no fossil record

TROMBICULOIDEA Ewing, 1929 ..... **Recent**

AUDYANIDAE Southcott, 1987 ..... **Recent**

no fossil record

JOHNSTONIANIDAE Thor, 1935 ..... **Recent**

= NOTOTHROMBIIDAE Feider, 1959

no fossil record

NEOTROMBIDIIDAE Feider, 1959 ..... **Recent**

no fossil record

LEEUWENHOEKIIDAE Womersley, 1944 ..... **Recent**

no fossil record

TROMBELLIDAE Leach, 1815 ..... **Recent**

no fossil record

TROMBICULIDAE Ewing, 1929 ..... **Recent**

= VATACARIDAE Southcott, 1957

no fossil record

YUREBILLOIDEA Southcott, 1966 ..... **Recent**

YUREBILLIDAE Southcott, 1996 ..... **Recent**

no fossil record

HYDRACARNIDIAE van der Hoeven, 1849 (subcohort) ..... **Neogene – Recent**

= HYDRACHNIDIA author, date?

= HYDRACHNELLAE author, date?

Undetermined water mites

Hygrobatoidea, Arrenuroidea or Lebertiodea *in* Poinar (1985) ..... Ne Dominican amber

HYDRYPHANTOIDEA Piersig, 1896 ..... **Recent**

CTENOTHYADIDAE Lundblad, 1936 ..... **Recent**

no fossil record

EUPATRELLIDAE Viets, 1935 ..... **Recent**

no fossil record

HYDRODROMIDAE Viets, 1936 ..... **Recent**

= DIPLODONTIDAE Lundblad, 1927

no fossil record

HYDRYPHANTIDAE Piersig, 1896 ..... **Recent**

= PROTZIIDAE Viets, 1926

no fossil record

MALGASACARIDAE Tuzovskij, Gerecke & Goldschmidt, 2007 ..... **Recent**

no fossil record

RHYNCHOHYDRACARIDAE Lundblad, 1936 ..... **Recent**

= CHATHROSPERCHONIDAE Lundblad, 1936

no fossil record

TERATOTHYADIDAE Viets, 1929 ..... **Recent**

no fossil record

THERMACARIDAE Sokolow, 1927 ..... **Recent**

no fossil record

ZELANDOTHYADIDAE Cook, 1983 ..... **Recent**

no fossil record

EYLAOIDEA Leach, 1815 ..... **Recent**

APHEVIDERULICIDAE Gerecke, Smith & Cook, 1999 ..... **Recent**

no fossil record

EYLAIDAE Leach, 1815 ..... **Recent**

no fossil record

LIMNOCHARIDAE Grube, 1859 ..... **Recent**

no fossil record

PIERSIGIIDAE Oudemans, 1902 ..... **Recent**

no fossil record

HYDROVOLZIOIDEA Thor, 1905 ..... **Recent**

ACHERONTACARIDAE Cook, 1967 ..... **Recent**

no fossil record

HYDROVOLZIIDAE Thor, 1905 ..... **Recent**

= POLYXOHALACARIDAE Motas, 1972

no fossil record

HYDRACHNOIDEA Leach, 1815 ..... **Recent**

HYDRACHNIDAE Leach, 1815 ..... **Recent**

no fossil record

LEBERTOIDEA Thor, 1900 ..... **Recent**

ACUCAPITIDAE Wiles, 1996 ..... **Recent**

no fossil record

ANISITSIELLIDAE Koenicke, 1910 ..... **Recent**

= MAMERSOPSIDAE Viets, 1914

no fossil record

BANDAKIOPSIDAE Panesar, 2004 ..... **Recent**

no fossil record

LEBERTIIDAE Thor, 1900 ..... **Recent**

no fossil record

NILOTONIIDAE Viets, 1929 ..... **Recent**

no fossil record

OXIDAE Viets, 1926 ..... **Recent**

no fossil record

RUTRIPALPIDAE Solokow, 1834 ..... **Recent**

no fossil record

SPERCHONTIDAE Thor, 1900 ..... **Recent**

no fossil record

STYGOTONIIDAE Cook, 1992 ..... **Recent**

no fossil record

TEUTONIDAE Koenike, 1910 ..... **Recent**

no fossil record

TORRENTICOLIDAE Piersig, 1902 ..... **Recent**

= ATRACTIDEIDAE Thor, 1902

no fossil record

HYGROBATOIDEA C. L. Koch, 1842 ..... **Recent**

ASTACOCROTONIDAE Thor, 1927 ..... **Recent**

no fossil record

ATURIDAE Thor, 1900 ..... **Recent**

= BRADYPODIDAE Thor, 1900 [preoccupied]

= AXONOPSIDAE Viets, 1929

= LJANIIDAE Thor, 1929

no fossil record

FELTRIIDAE Viets, 1926 ..... **Recent**

no fossil record

FERRADASIIDAE Cook, 1980 ..... **Recent**

no fossil record

FRONTIPODOPSIDAE Viets, 1931 ..... **Recent**

no fossil record

HYGROBATIDAE C. L. Koch, 1842*b* ..... **Recent**

no fossil record

LETHAXONIDAE Cook, Smith & Harvey, 2000 ..... **Recent**

no fossil record

LIMNESIIDAE Thor, 1900 ..... **Recent**

= NEOTORRENTICOLIDAE Lundblad, 1936

= EPALLAGOPODIDAE Viets, 1953

no fossil record

OMARTACARIDAE Cook, 1963 ..... **Recent**

no fossil record

PIONIDAE Thor, 1900 ..... **Recent**

= CURVIPEDIDAE Thor, 1900

= ACERCIDAE Thor, 1909

= FORELIIDAE Thor, 1923

= NAUTARACHNIDAE Walter, 1925

= HYDROCHOREUTIDAE Viets, 1942

no fossil record

PONTARACHNIDAE Koenicke, 1910 ..... **Recent**

no fossil record

UNIONICOLIDAE Oudemans, 1909 ..... **Recent**

= ATRACIDAE Thor, 1900

= NEUMANIIDAE Thor, 1923

no fossil record

WETTINIDAE Cook, 1956..... **Recent**

no fossil record

ARRENUROIDEA Thor, 1900 ..... **Neogene – Recent**

Family uncertain

† ***Protoarrenurus* Cook *in* Palmer, 1957** ..... **Neogene – Recent**

44. *Protoarrenurus convergens* Cook *in* Palmer, 1957* ..... Ne Mojave Desert

ACALYPTONOTIDAE Walter, 1911 ..... **Recent**

no fossil record

AMOENACARIDAE Smith & Cook, 1997 ..... **Recent**

no fossil record

ARENOHYDRACARIDAE Cook, 1974 ..... **Recent**

no fossil record

ARRENURIDAE Thor, 1900 ..... **Recent**

no fossil record

ATHIENEMANNIIDAE Viets, 1922 ..... **Recent**

= CHELOMIDEOPSIDAE Lundblad, 1962

no fossil record

BOGATIIDAE Motas & Tanasachi, 1938 ..... **Recent**

no fossil record

CHAPPUISIDIDAE Motas & Tanasachi, 1946 ..... **Recent**

no fossil record

GRETACARIDAE Viets, 1978 ..... **Recent**

no fossil record

HARPAGOPALPIDAE Viets, 1924 ..... **Recent**

no fossil record

HUNGAROHYDRACACARIDAE Motas & Tanasachi, 1959 ..... **Recent**

no fossil record

KANTACARIDAE Imamura, 1959 ..... **Recent**

no fossil record

KRENDOWSKIIDAE Viets, 1926 ..... **Recent**

no fossil record

LAVERSIIDAE Cook, 1955 ..... **Recent**

no fossil record

MIDEIDAE Thor, 1911a ..... **Recent**

no fossil record

MIDEOPSIDAE Koenicke, 1910 ..... **Recent**

no fossil record

MOMONIIDAE Viets, 1926 ..... **Recent**

= STYGOMOMONIDAE Szalay, 1943

no fossil record

NEOACARIDAE Motas & Tanasachi, 1947 ..... **Recent**

no fossil record

NIPPONACARIDAE Imamura, 1959 ..... **Recent**

no fossil record

NUDOMIDEOPSIDAE Smith, 1990 ..... **Recent**

no fossil record

UCHIDASTYGACARIDAE Imamura, 1956 ..... **Recent**

no fossil record

STYGOTHROMBIAE Thor, 1935 (subcohort) ..... **Recent**

STYGOTHROMBOIDEA Thor, 1935 ..... **Recent**

STYGOTHROMBIIDAE Thor, 1935 ..... **Recent**

ELEUTHERENGONIDES Oudemans, 1909 (supercohort) ..... **Cretaceous – Recent**

RAPHIGNATHINA Kethley, 1982 (cohort) ..... **Cretaceous – Recent**

MYOBIOIDEA Mégnin, 1877 ..... **Recent**

MYOBIIDAE Mégnin, 1877 ..... **Recent**

no fossil record

PTERYGOSOMATOIDEA Oudemans, 1910 ..... **Recent**

PTERYGOSOMATIDAE Oudemans, 1910 ..... **Recent**

no fossil record

RAPHIGNATHOIDEA Kramer, 1877 ..... **Paleogene – Recent**

BARBUTIIDAE Robaux, 1975 ..... **Recent**

no fossil record

CALIGONELLIDAE Grandjean, 1944 ..... **Recent**

no fossil record

CAMEROBIIDAE Southcott, 1957 ..... **Paleogene – Recent**

***Neophyllobius* Berlese, 1886** ..... **Paleogene – Recent**

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

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

no fossil record

DASYTHYREIDAE Walter & Gerson, 1998 ..... **Recent**

no fossil record

EUPALOPSELLIDAE Willmann, 1952 ..... **Recent**

no fossil record

HOMOCALIGIDAE Wood, 1969 ..... **Recent**

no fossil record

MECOGNATHIDAE Gerson & Walter, 1998 ..... **Recent**

no fossil record

RAPHIGNATHIDAE Kramer, 1877 ..... **Recent**

no fossil record

STIGMAEIDAE Oudemans, 1931 ..... **Paleogene – Recent**

***Mediolata* Canestrini, 1890** ..... **Paleogene – Recent**

46. *Mediolata eocenia* Kuznetsov, Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

XENOCALIGONELLIDIDAE Gonzalez, 1978 ..... **Recent**

no fossil record

TETRANYCHOIDEA Donnadieu, 1876 ..... **Palaeogene – Recent**

ALLOCHAETOPHORIDAE Reck, 1959 ..... **Recent**

no fossil record

LINOTETRANIDAE Baker & Pritchard, 1953 ..... **Recent**

no fossil record

TENUIPALPIDAE Berlese, 1913 ..... **Recent**

no fossil record

TETRANYCHIDAE Donnadieu, 1876 ..... **Palaeogene – Recent**

= BRYOBIIDAE Berlese, date?

***Metatetranychus* Oudemans, 1931** ..... **Palaeogene – Recent**

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

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

48. *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**

49. *Cheyletus burmiticus* Cockerell, 1917*b*..... K Myanmar amber

50. *Cheyletus portentosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

DEMODECIDAE Nicolet, 1855 ..... **Recent**

no fossil record

HARPIRHYNCHIDAE Dubinin, 1957 ..... **Recent**

no fossil record

OPHIOPTIDAE Southcott, 1956 ..... **Recent**

no fossil record

PSORERGATIDAE Dubinin *in* Bregatova *et al*., 1955 ..... **Recent**

no fossil record

SYRINGOPHILIDAE Laviopierre, 1953 ..... **Recent**

no fossil record

HETEROSTIGMATINA Berlese, 1899 (cohort) ..... **Cretaceous – Recent**

TARSOCHEYLOIDEA Atyeo & Baker, 1964 ..... **Recent**

TARSOCHEYLIDAE Atyeo & Baker, 1964 ..... **Recent**

no fossil record

HETEROCHEYLOIDEA Trägårdh, 1950 ..... **Recent**

HETEROCHEYLIDAE Trägårdh, 1950 ..... **Recent**

no fossil record

DOLICHOCYBOIDEA Mahunka, 1970 ..... **Recent**

CROTALOMORPHIDAE Lindquist & Kranz, 2002 ..... **Recent**

no fossil record

DOLICHOCYBIDAE Mahunka, 1970 ..... **Recent**

no fossil record

TROCHOMETRIDIOIDEA Mahunka, 1970 ..... **Recent**

ATHYREACARIDAE Lindquist Kaliszewski & Rack, 1990 ..... **Recent**

= BEMBIDIACARIDAE Khuastov, 2000

no fossil record

TROCHOMETRIDIIDAE Mahunka, 1970 ..... **Recent**

no fossil record

SCUTACAROIDEA Oudemans, 1916 ..... **Recent**

MICRODISPIDAE Cross, 1965 ..... **Recent**

no fossil record

SCUTACARIDAE Oudemans, 1916 ..... **Recent**

no fossil record

PYGEMEPHOROIDEA Cross, 1965 ..... **Palaeogene – Recent**

Pygmephoroidea sp. *in* Magowski (1995) ..... Pa Baltic amber

NEOPYGMEPHORIDAE Cross, 1965 ..... **Recent**

no fossil record

PYGMEPHORIDAE Cross, 1965 ..... **Recent**

no fossil record

SITEROPTIDAE Mahunka, 1970 ..... **Recent**

no fossil record

PYEMOTOIDEA Oudemans, 1937 ..... **Cretaceous – Recent**

ACAROPHENACIDAE Cross, 1965 ..... **Cretaceous – Recent**

† ***Protophenax*** **Magowski, 1994** ..... **Cretaceous**

51. *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**

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

RESINACARIDAE Mahunka, 1975 ..... **Cretaceous –Rcent**

Protoresinacaris **Khaustov & Poinar, 2010** ..... **Cretaceous**

53. *Protoresinacars brevipedis* Khaustov & Poinar, 2010* ..... K Myanmar amber

TARSONEMOIDEA Canestrini & Fanzago, 1877 ..... **Quaternary – Recent**

PODAPOLIPIDAE Ewing, 1922 ..... **Recent**

no fossil record

TARSONEMIDAE Canestrini & Fanzango, 1877 ..... **Quaternary – Recent**

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

Cohort *incertae sedis*

CLOACAROIDEA Camin, Moss, Oliver & Singer, 1967 ..... **Recent**

CLOACARIDAE Camin, Moss, Oliver & Singer, 1967 ..... **Recent**

no fossil record

EPIMYODICIDAE Fain, Lukoschus & Rosmalen, 1982 ..... **Recent**

no fossil record

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

ENDEOSTIGMATA author, date? (infraorder) ..... **Devonian – Recent**

= PACHYGNATHINA author, date?

ALYCINA author, date? (cohort)

ALYCOIDEA Canestrini & Fanzago, 1877 ..... **Devonian – Recent**

ALYCIDAE Canestrini & Fanzago, 1877 ..... **Devonian – Recent**

= PACHYGNATHIDAE Kramer, 1877

= BIMICHAELIIDAE Womersley, 1944

† ***Protacarus*** **Hirst, 1923** ..... **Devonian**

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* Pérez-DA, 1988** ..... **Palaeogene**

58. *Marcvipeda magallanes* Pérez-DA, 1988* [Acari *incerate sedis*?]... ..... Pa Patagonia, Chile

ACARONYCHOIDEA Grandjean, 1932 ..... **Recent**

ACARONYCHIDAE Grandjean, 1932*b* ..... **Recent**

no fossil record

ARCHAEONOTHRIDAE Grandjean, 1932 ..... **Recent**

no fossil record

CTENACAROIDEA Grandjean, 1954*c* ..... **Devonian – Recent**

ADELPHACARIDAE Grandjean, 1954*c* ..... **Carbon. – Recent**

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

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 Lee, 1982 ..... **Recent**

no fossil record

PARHYPOSOMATA Grandjean, 1969 (supercohort) ..... **Carbon. – Recent**

PARHYPOCHTHONIOIDEA Grandjean, 1932*b* ..... **Carbon. – Recent**

ELLIPTOCHTHONIIDAE Norton, 1975 ..... **Recent**

no fossil record

GEHYPOCHTHONIIDAE Strenzke, 1963 ..... **Carbon. – Recent**

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

68. *Gehypchthonimimus hibernicus* Subías & Arillo, 2002* ..... C County Antrim

PARHYPOCHTHONIIDAE Grandjean, 1932*b* ..... **Recent**

no fossil record

MIXONOMATA Grandjean, 1969(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 Woodley, 1873 (supercohort) ..... **Jurassic – Recent**

NOTHRINA van der Hammen, 1982 (cohort) ..... **Jurassic – Recent**

= HOLOSOMATA author, date?

CROTONIOIDEA Thorell, 1876 ..... **Jurassic – Recent**

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

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

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 Hull, 1918 (cohort) ..... Jurassic – Recent

= CIRCUMDEHISCENTIAE Grandjean, 1954*b*

= PORONOTA Grandjean, 1954*b* [in part; taxon used for seven brachypyline superfamilies]

superfamily uncertain

ARIBATIDAE Aoki, Takaku & Ito, 1994 ..... **Recent**

no fossil record

HERMANNIELLOIDEA Grandjean, 1934 ..... **Paleogene – Recent**

HERMANNIELLIDAE Grandjean, 1934 ..... **Paleogene – Recent**

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

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

109. *Hermanniella tuberculata* Sellnick, 1919 ..... Pa Baltic amber

***Sacculobates* Grandjean, 1962** ..... **Neogene – Recent**

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

PLASMOBATIDAE Grandjean, 1961*a* ..... **Recent**

no fossil record

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

= LIODOIDEA Grandjean, 1954*b*

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

= LIODIDAE Grandjean, 1954*b*

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

= *Liodes* von Heyden, 1826 [preoccupied]

110. *Neoliodes brevitarsus* (Woolley, 1971) ..... Ne Chiapas amber

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

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

Neoliodes sp. *in* Norton & Poinar (1993) [as *Liodes*] ..... Ne Dominican amber

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

113. *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**

114. *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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

122. *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**

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

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

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

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

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

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

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

128. *Ommatocepheus nortoni* Arillo, Subías & Shtanchaeva, 2008 ..... K Álava amber

CEROCEPHEIDAE Mahunka, 1986 ..... **Recent**

no fossil record

EUTEGAEIDAE Balogh, 1965 ..... **Recent**

= PTEROZETIDAE Luxton, 1988

no fossil record

MICROTEGEIDAE Balogh, 1972 ..... **Recent**

no fossil record

NODOCEPHEIDAE Piffl, 1972 ..... **Recent**

no fossil record

NOSYBEIDAE Mahunka, 1994 ..... **Recent**

no fossil record

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

no fossil record

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

PODOPTEROTEGAEIDAE Piffl, 1972 ..... **Recent**

no fossil record

POLYPTEROZETIDAE Grandjean, 1959 ..... **Recent**

no fossil record

TUMEROZETIDAE Hammer, 1966 ..... **Recent**

no fossil record

MICROZETOIDEA Grandjean, 1936*a* ..... **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**

129. *Caleremaeus gleso* Sellnick, 1931 ..... Pa Baltic amber

CTENOBELBIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

DAMAEOLIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

EREMOBELBIDAE Balogh, 1961 ..... **Recent**

no fossil record

EREMULIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

HETEROBELBIDAE Balogh, 1961 ..... **Recent**

no fossil record

HUNGAROBELBIDAE Miko & Travé, 1996 ..... **Recent**

no fossil record

STAUROBATIDAE Grandjean, 1966 ..... **Recent**

no fossil record

ZETORCHESTOIDEA Michael, 1898 ..... **Cretaceous – Recent**

= EREMAEOIDEA Oudeman, 1900

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

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

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

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

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

= † *Archaeorchestes* Arillo & Subías, 2000

131. *Strieremaeus illibatus* Sellnick, 1919 ..... Pa Baltic amber
132. *Strieremaeus minguezae* (Arillo & Subías, 2000) ..... K Álava amber

EREMAEIDAE Oudemans, 1900 ..... **Paleogene – Recent**
***Eremaeus* C. L. Koch, 1836** ..... **Paleogene – Recent**
133. *Eremaeus hepaticus* C. L. Koch, 1835* **[Recent]** ..... Qt Germany
134. *Eremaeus oblongus* **[Recent]** *fossilis* Sellnick, 1919 ..... Pa Baltic amber
***Eueremaeus* Mihelcic, 1963** ..... **Quaternary – Recent**
135. *Eueremaeus silvestris* (Forsslund, 1956) **[Recent]** ..... Qt Finland
† ***Gradidorsum* Sellnick, 1919** ..... **Palaeogene – Recent**
136. *Gradidorsum asper* Sellnick, 1919* ..... Pa Baltic amber

MEGEREMAEIDAE Woolley & Higgins, 1968 ..... **Recent**
no fossil record

NIPHOCEPHEIDAE Travé, 1959 ..... **Recent**
no fossil record

ZETORCHESTIDAE Michael, 1898 ..... **Palaeogene – Recent**
Zetorchestidae spp.*in* Sidorchuk & Norton (2011) ..... Pa Rovno amber

GUSTAVIOIDEA Oudemans, 1900 ..... **Jurassic – Recent**
= LIACAROIDEA Sellnick, 1928
ASTEGISTIDAE Balogh, 1961 ..... **Jurassic – Recent**
***Astegistes* Hull, 1916** ..... **Quaternary – Recent**
137. *Astegistes pilosus* (C. L. Koch, 1840) **[Recent]** ..... Qt Karelia, Russia
***Cultroribula* Berlese, 1908** ..... **Jurassic – Recent**
138. *Cultroribula jurassica* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east
139. *Cultroribula lauta* Sellnick, 1931 ..... Pa Baltic amber
140. *Cultroribula superba* Sellnick, 1931 ..... Pa Baltic amber

GUSTAVIIDAE Oudemans, 1900 ..... **Quaternary – Recent**
***Gustavia* Kramer, 1879** ..... **Quaternary – Recent**
141. *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**
142. *Adoristes ovatus* (C. L. Koch, 1839)* **[Recent]** ..... Qt northern Europe

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

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

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

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

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

no fossil record

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

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

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

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

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

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

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

147. *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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

161. *Odontocepheus elongatus* (Michael, 1879)* **[Recent]** ..... Qt Finland

DAMPFIELLIDAE Balogh, 1961 ..... **Recent**

no fossil record

HEXOPPIIDAE Balogh, 1983 ..... **Recent**

no fossil record

LUXTONIIDAE Mahunka, 2001 ..... **Recent**

no fossil record

NIPPOBODIDAE Aoki, 1959 ..... **Recent**

no fossil record

OTOCEPHEIDAE Balogh, 1961 ..... **Paleogene – Recent**

***Dolicheremaeus* Jacot, 1938** ..... **Neogene – Recent**

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

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

162. *Otocepheus niger* Sellnick, 1931 ..... Pa Baltic amber

163. *Otocepheus praesignis* Sellnick, 1931 ..... Pa Baltic amber

TOKUNOCEPHEIDAE Aoki, 1966*a* ..... **Recent**

no fossil record

OPPIOIDEA Grandjean, 1951 ..... **Palaeogene – Recent**

= EREMELLOIDEA Balogh, 1961 [in part]

= TRIZETOIDEA Ewing, 1917 [in part]

AUTOGNETIDAE Grandjean, 1960*b* ..... **Quaternary – Recent**

***Conchogneta* Grandjean, 1963** ..... **Quaternary – Recent**

164. *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**

165. *Dissorhina ornata* (Oudemans, 1900)* **[Recent]** ..... Qt Germany

***Oppia* C. L. Koch, 1836** ..... **Palaeogene – Recent**

166. *Oppia angustum* (Sellnick, 1931) ..... Pa Baltic amber
167. *Oppia cervicornu* (Sellnick, 1919) ..... Pa Baltic amber
168. *Oppites hurdi* Woolley, 1971 ..... Ne Chiapas amber
169. *Oppia longilamellata* **[Recent]** *fossilis* (Sellnick, 1931) ..... Pa Baltic amber
170. *Oppia medium* (Sellnick, 1931) ..... Pa Baltic amber
171. *Oppia mexicana* (Woolley, 1971) ..... Ne Chiapas amber
172. *Oppia setigera* (Woolley, 1971) ..... Ne Chiapas amber
173. *Oppia sucinum* (Sellnick, 1931) ..... Pa Baltic amber

?*Oppia* sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Oppiella* Jacot, 1937** ..... **Quaternary – Recent**

174. *Oppiella nova* (Oudemans, 1902)* **[Recent]** ..... Qt northern Europe
175. *Oppiella ornata* (Oudemans, 1900) **[Recent]** ..... Qt western Norway
176. *Oppiella splendens* (C. L. Koch, 1841) **[Recent]** ..... Qt western Norway
177. *Oppiella subpectinata* (Oudemans, 1900) **[Recent]** ..... Qt northern Europe
178. *Oppiella translamellata* (Willmann, 1923) **[Recent]** ..... Qt northern Europe

† ***Oppites* Pampaloni, 1902** ..... **Neogene**

179. *Oppites melilli* Pampaloni, 1902* ..... Ne? Sicily

***Ramusella* Hammer, 1962** ..... **Quaternary – Recent**

180. *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**

181. *Suctobelbella falcata* (Forsslund, 1941) **[Recent]** ..... Qt Germany
182. *Suctobelbella latirostris* (Strenzke, 1950) **[Recent]** ..... Qt Germany
183. *Suctobelbella longirostris* (Forsslund, 1941) **[Recent]** ..... Qt western Norway
184. *Suctobelbella sarekensis* (Forsslund, 1941) **[Recent]** ..... Qt Europe
185. *Suctobelbella similis* (Forsslund, 1941) **[Recent]** ..... Qt Germany
186. *Suctobelbella subcornigera* (Forsslund, 1941) **[Recent]** ..... Qt Germany
187. *Suctobelbella subtrigona* (Oudemans, 1916) **[Recent]** ..... Qt Europe
188. *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**

189. *Banksinoma lanceolata* (Michael, 1885)* **[Recent]** ..... Qt Europe

TRIZETIDAE Ewing, 1917 ..... **Recent**

no fossil record

TUPAREZETIDAE Balogh, 1972 ..... **Recent**

no fossil record

TECTOCEPHEOIDEA Grandjean, 1954*b* ..... **Paleogene – Recent**

TECTOCEPHEIDAE Oudemans, 1900 ..... **Paleogene – Recent**

***Tectocepheus* Berlese, 1895** ..... **Paleogene – Recent**

190. *Tectocepheus minor* Berlese, 1903 **[Recent]** ..... Qt western Norway

191. *Tectocepheus similis* Sellnick, 1931 ..... Pa Baltic amber

192. *Tectocepheus velatus* (Michael, 1880)* **[Recent]** ..... Qt northern Europe

HYDROZETOIDEA Grandjean, 1954*b* ..... **Jurassic – Recent**

HYDROZETIDAE Grandjean, 1954*b* ..... **Jurassic – Recent**

***Hydrozetes* Berlese, 1902** ..... **Jurassic – Recent**

193. *Hydrozetes confervae* (Schrank, 1791) **[Recent]** ..... Qt western Norway

194. *Hydrozetes lacustris* (Michael, 1882)* **[Recent]** ..... Qt northern Europe

195. *Hydrozetes oryktosis* Woolley, 1969 ..... Qt Michigan

Hydrozetes sp. *in* Sivhead & Wallwork (1978) ..... J Sweden

LIMNOZETIDAE Thor, 1937 ..... **Quaternary – Recent**

***Limnozetes* Hull, 1916** ..... **Quaternary – Recent**

196. *Limnozetes ciliatus* (Schrank, 1803)* **[Recent]** ..... Qt northern Europe

197. *Limnozetes rugosus* (Sellnick, 1923) **[Recent]** ..... Qt northern Europe

AMERONOTHROIDEA Willmann, 1931 ..... **Quaternary – Recent**

AMERONOTHRIDAE Willmann, 1931 ..... **Quaternary – Recent**

***Ameronothrus* Berlese, 1896** ..... **Quaternary – Recent**

198. *Ameronothrus lineatus* (Thorell, 1871)* **[Recent]** ..... Qt Europe / Greenland

199. *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**

200. *Ametroproctus valeriae* Arillo, Subías & Shtanchaeva, 2009 ..... K San Just amber

***Cymbaeremaeus* Berlese, 1896** ..... **Paleogene – Recent**

201. *Cymbaeremaeus cymba* (Nicolet, 1855)* **[Recent]** ..... Qt northern Europe

† ***Jureremus* Krivolutsky *in* Krivolutsky & Krasilov, 1977** ..... **Jurassic**

202. *Jureremeus foveolatus* Krivolutsky *in* Krivolutsky & Krasilov, 1977* ..... J Russian far east

203. *Jureremeus phippsi* Selden, Baker & Phipps, 2008 ..... J Yorkshire, UK

***Scapheremaeus* Berlese, 1910** ..... **Paleogene – Recent**

204. *Scapheremaeus undosus* Sellnick, 1919 ..... Pa Baltic amber

† ***Tectocymba* Sellnick, 1919** ..... **Paleogene – Recent**

205. *Tectocymba rara* Sellnick, 1919* ..... Pa Baltic amber

EREMAEOZETOIDEA Piffl, 1972 ..... **Paleogene – Recent**

= IDIOZETOIDEA Aoki, 1976

EREMAEOZETIDAE Piffl, 1972 ..... **Paleogene – Recent**

***Eremaeozetes* Berlese, 1913** ..... **Paleogene – Recent**

= † *Scutoribates* Sellnick, 1919

Eremaeozetes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

IDIOZETIDAE Aoki, 1976 ..... **Recent**

no fossil record

LICNEREMAEOIDEA Grandjean, 1931 ..... **Palaeogene – Recent**

= CHARASSOBATOIDEA Grandjean, 1958*b*

ADHAESOZETIDAE Hammer, 1973 ..... **Recent**

no fossil record

CHARASSOBATIDAE Grandjean, 1958*b* ..... **Recent**

no fossil record

DENDEROEREMAEIDAE Behan-Pelletier, Eamer & Clavton, 2005 ..... **Recent**

no fossil record

EREMELLIDAE Balogh, 1961 ..... **Recent**

no fossil record

LAMELLAREIDAE Balogh, 1972 ..... **Recent**

no fossil record

LICNEREMAEIDAE Grandjean, 1931 ..... **Palaeogene – Recent**

***Licneremaeus* Paoli, 1908** ..... **Palaeogene – Recent**

206. *Licneremaeus fritschi* Sellnick, 1931 ..... Pa Baltic amber

207. *Licneremaeus licnophorus* (Michael, 1882) **[Recent]** ..... Qt Germany

MICREREMIDAE Grandjean, 1954*b* ..... **Jurassic – Recent**

Micreremus* Grandjean, 1954*b .....[not Berlese 1908?]..... **Paleogene – Recent**

208. *Micreremus brevipes* (Michael, 1888)* **[Recent]** ..... Qt northern Europe
209. *Micreremus reticulatus* Sellnick, 1931 ..... Pa Baltic amber
210. *Micreremus scrobiculatus* Sellnick, 1931 ..... Pa Baltic amber

PASSALOZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

Passalozetes* Grandjean, 1932*a ..... **Quaternary – Recent**

211. *Passalozetes africanus* Grandjean, 1932*a* **[Recent]** ..... Qt Finland

SCUTOVERTICIDAE Grandjean, 1954*b* ..... **Neogene – Recent**

***Arthrovertex* Balogh, 1970** ..... **Neogene – Recent**

212. *Arthrovertex hurdi* (Woolley, 1971)..... Ne Chiapas amber
Arthrovertex sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Scutovertex* Michael, 1879** ..... **Quaternary – Recent**

213. *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**

214. *Eupelops acromios* (Hermann, 1804) **[Recent]** ..... Qt Finland
215. *Eupelops curtipilus* (Berlese, 1916) **[Recent]** ..... Qt Germany
216. *Eupelops occultus* (C. L. Koch, 1835) **[Recent]** ..... Qt Kerelia, Russia
217. *Eupelops plicatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe
218. *Eupelops punctulatus* (Sellnick, 1931) ..... Pa Baltic amber
219. *Eupelops uraceus* (C. L. Koch, 1839)* **[Recent]** ..... Qt Kerelia, Russia
Eupelops sp. *in* Karppinen & Koponen (1974) ..... Qt Finland

***Peloptulus* Berlese, 1908** ..... **Quaternary – Recent**

220. *Peloptulus phaenotus* (C. L. Koch, 1844)* **[Recent]** ..... Qt Germany

UNDULORIBATIDAE Kunst, 1971 ..... **Palaeogene – Recent**

***Scutoribates* Sellnick, 1918** ..... **Palaeogene – Recent**

221. *Scutoribates perornatus* Sellnick, 1918 ..... Pa Baltic amber

***Unduloribates* Balogh, 1943** ..... **?Palaeogene – Recent**

222. *Unduloribates parvus* (Sellnick, 1931) ..... Pa Baltic amber

[generic affinities need clarification]

ACHIPTERIOIDEA Thor, 1929 ..... **?Jurassic – Recent**

ACHIPTERIIDAE Thor, 1929 ..... **?Jurassic – Recent**

***Achipteria* Berlese, 1885** ..... **?Jurassic – Recent**

223. *Achipteria coleoptera* (Linnaeus, 1757) **[Recent]** ..... Qt Finland / Greenland

224. ?*Achipteria obscura* Krivolutsky *in* Krivolutsky & Krasilov, 1977 ..... J Russian far east

[An *incertae sedis* taxon?]

***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

ORIPODOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

CALOPPIIDAE Balogh, 1960 ..... **Recent**

= ?CRASSORIBATULIDAE author, date?

no fossil record

CAMPBELLOBATIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

CHAUNOPROCTIDAE Balogh, 1961 ..... **Recent**

no fossil record

DRYMOBATIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

HAPLOZETIDAE Grandjean, 1936*c* ..... **Palaeogene – Recent**

= PROTORIBATIDAE J. Balogh & P. Balogh, 1984

= XLOBATIDAE J. Balogh & P. Balogh, 1984

***Protoribates* Berlese, 1908** ..... **Palaeogene – Recent**

231. *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**

232. *Mochloribatula smithi* (Woolley, 1971) ..... Ne Chiapas amber

***Mochlozetes* Grandjean, 1930** ..... **Neogene – Recent**

Mochlozetes sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

NASOBATIDAE Balogh, 1972 ..... **Recent**

no fossil record

NEOTRICHOZETIDAE Balogh, 1965 ..... **Recent**

no fossil record

NESOZETIDAE J. Balogh & P. Balogh, 1984 ..... **Recent**

no fossil record

ORIBATULIDAE Thor, 1929 ..... **Palaeogene – Recent**

Oribatulidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

***Lucoppia* Berlese, 1908** ..... **Palaeogene – Recent**

233. *Lucoppia simplex* Sellnick, 1919 ..... Pa Baltic amber

***Oribatula* Berlese, 1895** ..... **Quaternary – Recent**

234. *Oribatula tibialis* (Nicolet, 1855)* **[Recent]** ..... Qt Europe

***Phauloppia* Berlese, 1908** ..... **Palaeogene – Recent**

235. *Phauloppia lucorum* (C. L. Koch, 1841) **[Recent]** ..... Qt northern Europe

236. *Phauloppia pellucida* (Sellnick, 1931) ..... Pa Baltic amber

† ***Sachalinella* Rjabinin *in* Krivolutzkii & Rjabinin, 1976** ..... **Palaeogene – Recent**

May be a homonym of a bivalve genus

237. *Sachalinella zherichini* Rjabinin *in* Krivolutzkii & Rjabinin, 1976* ..... Pa Sachalin amber

***Zygoribatula* Berlese, 1916** ..... **Quaternary – Recent**

238. *Zygoribatula exilis* (Nicolet, 1855) **[Recent]** ..... Qt northern Europe

ORIPODIDAE Jacot, 1925 ..... **Palaeogene – Recent**

= BIROBATIDAE J. Balogh & P. Balogh, 1984

***Benoibates* Balogh, 1958** ..... **Neogene – Recent**

239. *Benoibates chiapasensis* (Woolley, 1971) ..... Ne Chiapas amber

***Oripoda* Banks, 1904** ..... **Palaeogene – Recent**

240. *Oripoda baltica* Sellnick, 1931 ..... Pa Baltic amber

Oripoda sp. *in* Norton & Poinar (1993) ..... Ne Dominican amber

***Parapirnodus* Balogh & Mahunka, 1968** ..... **Neogene – Recent**

241. *Parapirnodus denaius* (Woolley, 1971) ..... Ne Chiapas amber

PARAKALUMMIDAE Grandjean, 1936*b* ..... **Palaeogene – Recent**

***Neoribates* Berlese, 1914** ..... **Palaeogene – Recent**

242. *Neoribates borussicus* Sellnick, 1931 ..... Pa Baltic amber

SCHELORIBATIDAE Grandjean, 1933 ..... **Palaeogene – Recent**

***Liebstadia* Oudemans, 1906** ..... **Palaeogene – Recent**

243. *Liebstadia similiformis* Sellnick, 1931 ..... Pa Baltic amber

244. *Liebstadia similis* (Michael, 1888)* **[Recent]** ..... Qt Europe / Greenland

***Scheloribates* Berlese, 1908** ..... **Palaeogene – Recent**

245. *Scheloribates apterus* Sellnick, 1931 ..... Pa Baltic amber

246. *Scheloribates areatus* Sellnick, 1931 ..... Pa Baltic amber

247. *Scheloribates durhami* (Woolley, 1971) ..... Ne Chiapas amber

248. *Scheloribates initialis* (Berlese, 1908) **[Recent]** ..... Qt Europe

249. *Scheloribates laevigatus* (C. L. Koch, 1835) **[Recent]** ..... Qt northern Europe

250. *Scheloribates latipes* (C. L. Koch, 1844) **[Recent]** ..... Qt Europe

251. *Scheloribates pallidulus* (C. L. Koch, 1841) **[Recent]** ..... Qt Germany

252. *Scheloribates setatus* Sellnick, 1931 ..... Pa Baltic amber

SELLNICKIIDAE Balogh & Balogh, 1984 ..... **Recent**

no fossil record

STELECHOBATIDAE Grandjean, 1965*b* ..... **Recent**

no fossil record

SYMBIORIBATIDAE Aoki, 1966*b* ..... **Recent**

no fossil record

TUBULOZETIDAE Balogh, 1989 ..... **Quaternary – Recent**

***Grandjeanobates* Ramsay, 1967** ..... **Quaternary – Recent**

?*Grandjeanobates* sp. ..... Qt New Zealand

ZETOMOTRICHIDAE Grandjean, 1954*b* ..... **Paleogene – Recent**

Zetomotrichidae sp. *in* Sidorchuk & Norton (2011) ..... P Baltic amber

CERATOZETOIDEA Jacot, 1925 ..... **Paleogene – Recent**

CERATOKALUMMIDAE Balogh, 1970 ..... **Recent**

no fossil record

CERATOZETIDAE Jacot, 1925 ..... **Paleogene – Recent**

***Ceratozetes* Berlese, 1908** ..... **Quaternary – Recent**

253. *Ceratozetes gracilis* (Michael, 1884)* **[Recent]** ..... Qt Finland
254. *Ceratozetes minimus* Sellnick, 1928 **[Recent]** ..... Qt Germany
255. *Ceratozetes parvulus* Sellnick, 1922 **[Recent]** ..... Qt Germany

Diapterobates* Grandjean, 1936*b ..... **Quaternary – Recent**

256. *Diapterobates notatus* (Thorell, 1871) **[Recent]** ..... Qt Europe / Greenland

***Edwardzetes* Berlese, 1914** ..... **Quaternary – Recent**

257. *Edwardzetes edwardsi* (Nicolet, 1855)* **[Recent]** ..... Qt western Norway

***Fuscozetes* Sellnick, 1928** ..... **Quaternary – Recent**

258. *Fuscozetes fuscipes* (C. L. Koch, 1844)* **[Recent]** ..... Qt western Norway

***Melanozetes* Hull, 1916** ..... **Paleogene – Recent**

259. *Melanozetes foderatus* Sellnick, 1931 ..... Pa Baltic amber
260. *Melanozetes mollicomnus* **[Recent]** *fossilis* Sellnick, 1931 ..... Pa Baltic amber
261. *Melanozetes meridianus* Sellnick, 1928 **[Recent]** ..... Qt Greenland

Melanozetes sp. *in* Karppinen *et al.* (1979) ..... Qt Karelia, Russia

***Oromucia* Thor, 1930** ..... **Quaternary – Recent**

262. *Oromucia bicuspidata* Thor, 1930* **[Recent]** ..... Qt western Norway
263. *Oromucia lucens* (C. L. Koch, date?) **[Recent]** ..... Qt Greenland

***Sphaerozetes* Berlese, 1885** ..... **Paleogene – Recent**

264. *Sphaerozetes convexulus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
265. *Sphaerozetes pirifomis* (Nicolet, 1855) **[Recent]** ..... Qt Finland
266. *Sphaerozetes primus* Sellnick, 1931 ..... Pa Baltic amber

***Trichoribates* Berlese, 1910** ..... **Quaternary – Recent**

267. *Trichoribates biarea* Gjelstrup & Solhøy, 1994 **[Recent]** ..... Qt western Norway
268. *Trichoribates incisellus* (Kramer, 1897) **[Recent]** ..... Qt Europe
269. *Trichoribates monticola* (Trägardh, 1902) **[Recent]** ..... Qt western Norway
270. *Trichoribates setiger* (Trägardh, 1910) **[Recent]** ..... Qt western Norway
271. *Trichoribates trimaculatus* (C. L. Koch, 1835)* **[Recent]** ..... Qt northern Europe

CHAMOBATIDAE Thor, 1937 ..... **Paleogene – Recent**

***Chamobates* Hull, 1916** ..... **Paleogene – Recent**

272. *Chamobates borealis* (Trägardh, 1902) **[Recent]** ..... Qt western Norway
273. *Chamobates cuspidatus* (Michael, 1884) **[Recent]** ..... Qt Finland
274. *Chamobates difficilis* Sellnick, 1931 ..... Pa Baltic amber

EUZETIDAE Grandjean, 1954*b* ..... **Quaternary – Recent**

***Euzetes* Berlese, 1908** ..... **Quaternary – Recent**

275. *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**

276. *Mycobates consimilis* Hammer, 1952 **[Recent]** ..... Qt Greenland

277. *Mycobates parmeliae* (Michael, 1884) **[Recent]** ..... Qt Karelia, Russia

278. *Mycobates sarekenis* (Trägårdh, 1910) **[Recent]** ..... Qt western Norway

***Punctoribates* Berlese, 1908** ..... **Quaternary – Recent**

279. *Punctoribates punctum* (C. L. Koch, 1839) **[Recent]** ..... Qt Karelia, Russia

280. *Punctoribates sellnicki* Willmann, 1928 **[Recent]** ..... Qt Europe

Punctoribates sp. *in* Karppinen & Koponen (1973) ..... Qt Finland

ONYCHOBATIDAE Luxton, 1985 ..... **Recent**

no fossil record

RAMSAYELLIDAE Luxton, 1985 ..... **Recent**

no fossil record

ZETOMIMIDAE Shaldybina, 1966 ..... **Quaternary – Recent**

***Zetomimus* author, date?** ..... **Quaternary – Recent**

281. *Zetomimus furcatus* (Pearce & Warburton, 1906)* **[Recent]** ..... Qt Karelia, Russia

GALUMNOIDEA Jacot, 1925 ..... **Palaeogene – Recent**

GALUMNELLIDAE Piffl, 1970 ..... **Quaternary – Recent**

***Galumnella* Berlese, 1917** ..... **Quaternary – Recent**

Galumnella sp. *in* Aoki (1974) ..... Qt Mizunami copal

GALUMNIDAE Jacot, 1925 ..... **Palaeogene – Recent**

Galumnidae spp. *in* Norton & Poinar (1993) ..... Pa Baltic amber

Acrogalumna* Grandjean, 1956*b ..... **Quaternary – Recent**

282. *Acrogalumna longipluma* (Berlese, 1904)* **[Recent]** ..... Qt Karelia, Russia

***Galumna* von Heyden, 1826** ..... **Palaeogene – Recent**

283. *Galumna clavata* Sellnick, 1931 ..... Pa Baltic amber

284. *Galumna diversa* Sellnick, 1931 ..... Pa Baltic amber

285. *Galumna lanceata* (Oudemanns, 1900) **[Recent]** ..... Qt Karelia, Russia

286. *Galumna obvia* (Berlese, 1915) **[Recent]** ..... Qt Finland

Galumna sp. *in* Karppinen & Koponen (1974) ..... Qt Finland

Pergalumna* Grandjean, 1936*b ..... **Quaternary – Recent**

287. *Pergalumna dorsalis* (C. L. Koch, 1835) **[Recent]** ..... Qt Finland

288. *Pergalumna nervosa* (Berlese, 1914)* **[Recent]** ..... Qt northern Europe

Pilogalumna* Grandjean, 1956*b ..... **Quaternary – Recent**

289. *Pilogalumna tenuiclava* (Berlese, 1908) **[Recent]** ..... Qt Germany

ASTIGMATA G. Canestrini, 1891 (cohort) ..... **Palaeogene – Recent**

= ACARIDIDA author, date?

SCHIZOGLYPHOIDEA Mahunka, 1978 ..... **Recent**

SCHIZOGLYPHIDAE Mahunka, 1978 ..... **Recent**

no fossil record

HISTIOSTOMATOIDEA Berlese, 1897 ..... **?Palaeogene – Recent**

GUANOLICHIDAE Fain, 1968 ..... **Recent**

no fossil record

HISTIOSTOMATIDAE Berlese, 1897 ..... **?Palaeogene – Recent**

Hististomatidae? [alternatively Acaridae] *in* Dunlop *et al*. (2012) ..... Pa Baltic amber

CANESTRINIOIDEA Berlese, 1884 ..... **Recent**

CANESTRINIIDAE Berlese, 1884 ..... **Recent**

no fossil record

CHETOCHELACARIDAE Fain, 1987 ..... **Recent**

no fossil record

HETEROCOPTIDAE Fain, 1967*b* ..... **Recent**

no fossil record

LEMANNIELLIDAE Wurst, 2001 ..... **Recent**

no fossil record

Superfamily?

[NB: Sidorchuk & Klimov (2011) discussed the problems in placing this extinct family.]

† **GLAESACARIDAE Klimov & Sidorchuk *in* Sidorchuk & Klimov, 2011** ..... **Palaeogene**

† ***Glaesacarus* Klimov & Sidorchuk *in* Sidorchuk & Klimov, 2011** ..... **Palaeogene – Recent**

290. *Glaesacarus rhombeus* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

HEMISCARPOCTOIDEA Oudemans, 1908 ..... **Neogene – Recent**

ALGOPHAGIDAE Fain, 1974 ..... **Recent**

no fossil record

CARPOGLYPHIDAE Oudemans, 1923 ..... **Recent**

no fossil record

CHAETODACTYLIDAE Zachvatkin, 1941 ..... **Recent**

no fossil record

HEMISARCOPTIDAE Oudemans, 1908 ..... **Recent**

no fossil record

HYADESIIDAE Halbert, 1915 ..... **Recent**

no fossil record

MELIPONOCOPTIDAE Fain & Rosa, 1983 ..... **Recent**

no fossil record

WINTERSCHMIDTIIDAE Oudemans, 1923 ..... **Neogene – Recent**

† ***Amphicalvolia* Türk, 1963** ..... **Neogene – Recent**

291. *Amphicalvolia hurdi* Türk, 1963* ..... Ne Chiapas amber

GLYCOPHAGOIDEA Berlese, 1897 ..... **Recent**

AEROGLYPHIDAE Zachvatkin, 1941 ..... **Recent**

no fossil record

CHORTOGLYPHIDAE Berlese, 1897 ..... **Recent**

no fossil record

ECHIMYOPODIDAE Fain, 1967*a* ..... **Recent**

no fossil record

EUGLYCYPHAGIDAE Fain & Phillips, 1977 ..... **Recent**

no fossil record

GLYCYPHAGIDAE Berlese, 1897 ..... **Recent**

no fossil record

PEDETOPODIDAE Fain, 1969 ..... **Recent**

no fossil record

ROSENSTEINIIDAE Coorman, 1954 ..... **Recent**

= LOPHONOTACARIDAE Fain, 1987

= TROGLOTACARIDAE Fain, 1977

no fossil record

ACAROIDEA Latreille, 1802 ..... **Neogene – Recent**

ACARIDAE Latreille, 1802 ..... **Recent**

[query family placement?]

† ***Tyroglyphites* Pampaloni, 1902** ..... **Neogene – Recent**

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

SCATOGLYPHIDAE Zachvatkin & Volgin, 1956 ..... **Recent**

no fossil record

SUIDASIIDAE Hughes, 1948 ..... **Recent**

no fossil record

TYROGLYPHIDAE Donnadieu, 1868 ..... **Quaternary – Recent**

Tyroglyphidae sp. *in* Aoki (1974) ..... Qt Mizunami copal

HYPODERATOIDEA Murray, 1877 ..... **Recent**

HYPODERATIDAE Murray, 1877 ..... **Recent**

no fossil record

PSOROPTIDIA Yunker, 1955 (unranked clade) ..... **Neogene – Recent**

PTEROLICHOIDEA Trouessart & Mégnin, 1884 ..... **Recent**

= FREYANOIDEA Dubinin, 1953

ASCOURACARIDAE Gaud & Atyeo, 1976 ..... **Recent**

no fossil record

CAUDIFERIDAE Gaud & Atyeo, 1978 ..... **Recent**

no fossil record

CHEYLABIDIDAE Gaud, 1983 ..... **Recent**

no fossil record

CRYPTUROPTIDAE Gaud, Atyeo & Berla, 1972 ..... **Recent**

no fossil record

EUSTATHIIDAE Oudemans, 1905 ..... **Recent**

no fossil record

FALCULIFERIDAE Oudemans, 1905 ..... **Recent**

no fossil record

FREYANIDAE Dubinin, 1953 ..... **Recent**

no fossil record

GABUCINIIDAE Gaud & Atyeo, 1975 ..... **Recent**

no fossil record

KIWILICHIDAE Dabert, 1994 ..... **Recent**

no fossil record

KRAMERELLIDAE Gaud & Mouchet, 1961 ..... **Recent**

no fossil record

OCHROLICHIDAE Gaud & Atyeo, 1978 ..... **Recent**

no fossil record

OCONNORIIDAE Gaud, Atyeo & Klompen, 1989 ..... **Recent**

no fossil record

PTEROLICHIDAE Trouessart & Mégnin, 1884 ..... **Recent**

no fossil record

PTILOXENIDAE Gaud, 1982 ..... **Recent**

no fossil record

RECTIJANUIDAE Gaud, 1961 ..... **Recent**

no fossil record

SYRINGOBIIDAE Trouessart, 1897 ..... **Recent**

no fossil record

THORACOSATHESIDAE Gaud & Mouchet, 1959 ..... **Recent**

no fossil record

VEXILLARIIDAE Gaud & Mouchet, 1959 ..... **Recent**

no fossil record

ANALGOIDEA Trouessart & Mégnin, 1884 ..... **Recent**

ALLOPTIDAE Gaud, 1957 ..... **Recent**

no fossil record

ANALGIDAE Trouessart & Mégnin, 1884 ..... **Recent**

no fossil record

APIONACARIDAE Gaud & Atyeo, 1977 ..... **Recent**

no fossil record

AVENZOARIIDAE Oudemans, 1905 ..... **Recent**

no fossil record

CYTODITIDAE Oudemans, 1908 ..... **Recent**

no fossil record

DERMATIONIDAE Fain, 1965 ..... **Recent**

no fossil record

DERMOGLYPHIDAE Mégnin & Trouessart, 1884 ..... **Recent**

no fossil record

EPIDERMOPTIDAE Trouessart, 1892 ..... **Recent**

no fossil record

GAUDOGLYPHIDAE Bruce & Johnston, 1976 ..... **Recent**

no fossil record

HETEROPSORIDAE Oudemans, 1908 ..... **Recent**

no fossil record

KNEMIDOKOPTIDAE Dubinin, 1953 ..... **Recent**

no fossil record

LAMINOSIOPTIDAE Vitzthum, 1931 ..... **Recent**

no fossil record

PROCTOPHYLLODIDAE Mégnin & Trouessart, 1884 ..... **Recent**

no fossil record

PSORALGIDAE Oudemans, 1908 ..... **Recent**

no fossil record

PSOROPTOIDIDAE Gaud, 1983 ..... **Recent**

no fossil record

PTERONYSSIDAE Oudemanns, 1941 ..... **Recent**

no fossil record

PTYSSALGIDAE Atyeo & Gaud, 1979 ..... **Recent**

no fossil record

PYROGLYPHIDAE Cunliffe, 1958 ..... **Recent**

no fossil record

TARSOCHEYLIDAE Atyeo & Gaud, 1979 ..... **Recent**

no fossil record

THYSANOCERCIDAE Atyeo & Peterson, 1972 ..... **Recent**

no fossil record

TROUESSARTIIDAE Gaud, 1957 ..... **Recent**

no fossil record

TURBINOPTIDAE Fain, 1957 ..... **Recent**

no fossil record

XOLALGIDAE Dubinin, 1953 ..... **Recent**

no fossil record

SARCOPTOIDEA Murray, 1877 ..... **Neogene–Recent**

= PSOROPTIOIDEA Canestrini, 1892

ACAROPTIDAE Womersley, 1953 ..... **Recent**

no fossil record

ATOPOMELIDAE Gunter, 1942 ..... **Neogene–Recent**

?Apotomelidae sp. [originally as Listrophoridae in Poinar 1988] ..... Ne Dominican amber

AUDYCOPTIDAE Lavoipierre, 1964 ..... **Recent**

no fossil record

CHIRODISCIDAE Trouessart, 1892 ..... **Recent**

no fossil record

CHIRORHYNCHOBIIDAE Fain, 1967 ..... **Recent**

no fossil record

GALAGALIDAE Fain, 1963 ..... **Recent**

no fossil record

GASTRONYSSIDAE Fain, 1956 ..... **Recent**

no fossil record

LEMURNYSIIDAE Fain, 1957 ..... **Recent**

no fossil record

LISTROPHORIDAE Mégnin & Trouessart, 1884 ..... **Recent**

no fossil record

LOBALGIDAE Fain, 1965 ..... **Recent**

no fossil record

MYCOPTIDAE Gunther, 1942..... **Recent**

no fossil record

PSOROPTIDAE Canestrini, 1892 ..... **Recent**

no fossil record

PNEUMOCOPTIDAE Fain, 1957 ..... **Recent**

no fossil record

RHYNCOPTIDAE Lawrence, 1956 ..... **Recent**

no fossil record

SARCOPTIDAE Murray, 1877 ..... **Recent**

no fossil record

NOMINA DUBIA

1. *Acarus resinosus* Presl, 1822 ..... Pa Baltic amber
2. *Strieremaeus cordiformatus* Sellnick, 1919 [as *species inquirenda*] ..... Pa Baltic amber

NOMINA NUDA

1. *Erythraeus hirsutissimus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Gymnodamaeus kulczynskii* Petrunkevitch, 1955*a* ..... Pa Baltic amber
3. *Trombidium fossile* Keferstein, 1834 ..... Pa Aix-en-Provence?

MISIDENTIFICATIONS

1. *Limnochares antiquus* Heyden, 1862 [larval hemipteran insect] ..... Pa Rott, Germany

NON NAMES IN ZOOLOGY

Taxa assigned to living mite genera based on the fossil responses of plant tissue (galls); see discussion in Dunlop & Braddy (2011)

1. *Eriophyes daphnogene* Ambrus & Hably, 1979 [fossil gall] ..... Pa Hungary

2. *Eryophies* [*sic*] *vilarrubiae* Villalta, 1957 [fossil gall] ……..……..... Ne Spain
3. *Phytopus antiquus* van Heyden, 1860 [fossil gall] …….....…..... Ne Rott, Germany

c. 36,900 Recent species according to Hallan (2004)

RICINULEI

16 currently valid species of fossil ricinuleid

RICINULEI Thorell, 1876*c* ..... **Carbon. – Recent**

= RHINOGASTRA Cook, 1899

= PODOGONA Cook, 1899

† **PALAEORICINULEI Selden, 1992 (suborder)** ..... **Carboniferous – ?Cret.**

NB: Wunderlich (2012*e*) treated the two suborders as superfamilies.

Ricinulei indet. *in* Wunderlich (2012*e*) ..... K Myanmar amber

† **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 – ?Cret.**

† ***Poliochera* Scudder, 1884** ..... **Carboniferous – ?Cret.**

12. ?*Poliochera cretacea* Wunderlich, 2012*e* ..... K Myanmar amber
13. *Poliochera gibbsi* Selden, 1992 ..... C Illinois
14. *Poliochera glabra* Petrunkevitch, 1913 ..... C Mazon Creek
15. *Poliochera punctulata* Scudder, 1884* ..... C Mazon Creek

† ***Terpsicroton* Selden, 1992** ..... **Carboniferous**

16. *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

58 Recent species

ARACHNIDA and/or PANTETRAPULMONATA
incertae sedis

3 currently valid, unplaced fossil arachnid and/or tetrapulmonate species

- all three species below have been suggested as possible members of the so-called pantetrapulmonate arachnids; i.e. spiders and their closest relatives

† ***Ecchosis*** **Selden & Shear, 1991** ..... **Devonian**

1. *Ecchosis pulchribothrium* Selden & Shear *in* Selden *et al*. 1991* ..... D Gilboa

† ***Saccogulus*** **Dunlop, Fayers, Hass & Kerp, 2006** ..... **Devonian**

2. *Saccogulus seldeni* Dunlop, Fayers, Hass & Kerp, 2006* ..... D Rhynie chert

† ***Xenarachne*** **Dunlop & Poschmann, 1997** ..... **Devonian**

3. *Xenarachne wilwerathensis* Dunlop & Poschmann, 1997* ..... D Willwerath

no Recent species

TRIGONOTARBIDA

65 currently valid species of fossil trigonotarbid

† **TRIGONOTARBIDA Petrunkevitch, 1949** ..... **Silurian – Permian**

= ANTHRACOMARTI Karsch, 1882

= MERIDOGASTRA Thorell & Lindström, 1885

= EURYMARTI Matthew, 1895

plesion genus

† ***Palaeotarbus*** **Dunlop, 1999** ..... **Silurian**

= † *Eotarbus* Dunlop, 1996 [preoccupied]

1. *Palaeotarbus jerami* (Dunlop, 1996)* ..... S Ludford Lane

† **PALAEOCHARINIDAE Hirst, 1923** ..... **Devonian**

† ***Aculeatarbus*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

2. *Aculeatarbus depressus* Shear, Selden & Rolfe, 1987* ..... D Gilboa

† ***Gelasinotarbus*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

3. *Gelasinotarbus bifidus* Shear, Selden & Rolfe, 1987 ..... D Gilboa
4. *Gelasinotarbus bonamoae* Shear, Selden & Rolfe, 1987* ..... D Gilboa
5. *Gelasinotarbus heptops* Shear, Selden & Rolfe, 1987 ..... D Gilboa
6. *Gelasinotarbus reticulatus* Shear, Selden & Rolfe, 1987 ..... D Gilboa

† ***Gigantocharinus*** **Shear, 2000** ..... **Devonian**

7. *Gigantocharinus szatmaryi* Shear, 2000* ..... D Red Hill, USA

† ***Gilboarachne*** **Shear, Selden & Rolfe, 1987** ..... **Devonian**

8. *Gilboarachne griersoni* Shear, Selden & Rolfe, 1987* ..... D Gilboa

† ***Palaeocharinus*** **Hirst, 1923** ..... **Devonian**

= † *Palaeocharinoides* Hirst, 1923

9. *Palaeocharinus calmani* Hirst, 1923 ..... D Rhynie cherts
10. *Palaeocharinus hornei* (Hirst, 1923) ..... D Rhynie cherts
11. *Palaeocharinus kidstoni* Hirst, 1923 ..... D Rhynie cherts
12. *Palaeocharinus rhyniensis* Hirst, 1923* ..... D Rhynie cherts
13. *Palaeocharinus scourfieldi* Hirst, 1923 ..... D Rhynie cherts
14. *Palaeocharinus tuberculatus* Fayers, Dunlop & Trewin, 2005 ..... D Rhynie cherts

† ***Spinocharinus*** **Poschmann & Dunlop, 2011** ..... **Devonian**

15. *Spinocharinus steinmeyeri* Poschman & Dunlop, 2011* ..... D Bürdenbach

† **ARCHAEOMARTIDAE Poschmann & Dunlop, 2010** ..... **Devonian**

† ***Archaeomartus*** **Størmer, 1970** ..... **Devonian**

16. *Archaeomartus levis* Størmer, 1970* ..... D Alken an der Mosel
    i. = *Archaeomartus tuberculatus* Størmer, 1970 ..... D Alken an der Mosel

† **ANTHRACOMARTIDAE Haase, 1890** ..... **Carboniferous**

= † PROMYGALIDAE Frič, 1904

= † BRACHYPYGIDAE Pocock, 1911

= † CORYPHOMARTIDAE Petrunkevitch, 1945

= † PLEOMARTIDAE Petrunkevitch, 1945

† ***Anthracomartus*** **Karsch, 1882** ..... **Carboniferous**

= † *Brachylycosa* Frič, 1904

= † *Cleptomartus* Petrunkevitch, 1949

= † *Coryphomartus* Petrunkevitch, 1945*a*

= † *Cryptomartus* Petrunkevitch, 1945*a*

= † *Oomartus* Petrunkevitch, 1953

= † *Perneria* Frič, 1904

= † *Pleomartus* Petrunkevitch, 1945*a*

= † *Promygale* Frič, 1901

17. *Anthracomartus bohemica* (Frič, 1901) ..... C Nýřany
18. *Anthracomartus carcinoides* (Frič, 1901) ..... C Nýřany
    i. = *Promygale rotundata* Frič, 1901 ..... C Nýřany
    ii. = *Perneria salticoides* Frič, 1904 ..... C ?Nýřany
19. *Anthracomartus elegans* Frič, 1901 ..... C Nýřany
20. *Anthracomartus hindi* Pocock, 1911 ..... C Coseley
    i. =*Cleptomartus hangardi* Guthörl, 1965 ..... C Saar, Germany
    ii. = *Cryptomartus meyeri* Guthörl, 1964 ..... C Aachen
    iii. = *Cleptomartus planus* Petrunkevitch, 1949 ..... C Coseley
    iv. = *Cryptomartus rebskei* Brauckmann, 1984 ..... C Saarbrücken
21. *Anthracomartus granulatus* Frič, 1904 ..... C Nowa Ruda
22. *Anthracomartus janae* (Opluštil, 1986) ..... C Kladno
23. *Anthracomartus kustae* Petrunkevitch, 1953 ..... C Rakovník
24. *Anthracomartus minor* Kušta, 1884 ..... C Rakovník
    i. = *Anthracomartus socius* Kušta, 1888 ..... C Rakovník
25. *Anthracomartus nyranensis* (Petrunkevitch, 1953) ..... C Nýřany
26. *Anthracomartus palatinus* Ammon, 1901 ..... C Brücken, Germany
27. *Anthracomartus preisti* Pocock, 1911 ..... C Coseley
    i. = *Anthracomartus denuiti* Pruvost, 1922 ..... C Charleroi
    ii. = *Cleptomartus plautus* Petrunkevitch, 1949 ..... C Coseley
28. *Anthracomartus radvanicensis* (Opluštil, 1985) ..... C Radvanice
29. *Anthracomartus triangularis* Petrunkevitch, 1913 ..... C Joggins
30. *Anthracomartus trilobitus* Scudder, 1884 ..... C Fayetteville
31. *Anthracomartus voelkelianus* Karsch, 1882* ..... C Nowa Ruda

    Anthracomartus sp. *in* Wright & Selden (2011) ..... C Kansas

† ***Brachypyge*** **Woodward, 1878*b*** ..... **Carboniferous**

32. *Brachypyge carbonis* Woodward, 1878*b** ..... C Mons

† ***Maiocercus*** **Pocock, 1911** ..... **Carboniferous**

33. *Maiocercus celticus* (Pocock, 1902)* ..... C Coal Measures

i. = *Maiocercus orbicularis* Gill, 1911 ..... C Westhoughton

† **ANTHRACOSIRONIDAE Pocock, 1903*a*** ..... **Devonian – Carbon.**

† ***Anthracosiro*** **Pocock, 1903*a*** ..... **Carboniferous**

34. *Anthracosiro fritschii* Pocock, 1903*b* ..... C Coseley

i. = *Anthracosiro elongatus* Waterlot, 1934 ..... C Marlebach, France

35. *Anthracosiro woodwardi* Pocock, 1903*a** ..... C Coal Measues

i. = *Anthracosiro corsini* Pruvost, 1926 ..... C Noeux, France

ii. = *Anthracosiro latipes* Gill, 1909 ..... C Ryton-on-Tyne, UK

† ***Arianrhoda*** **Dunlop & Selden, 2004** ..... **Devonian**

36. *Arianrhoda bennetti* Dunlop & Selden, 2004* ..... D Tredomen

† ***Vratislavia*** **Frič, 1904** ..... **Carboniferous**

37. *Vratislavia silesica* (Roemer, 1878)* ..... C Silesia

† **TRIGONOTARBIDAE Petrunkevitch, 1949** ..... **Devonian – Carbon.**

† ***Trigonotarbus*** **Pocock, 1911** ..... **Devonian – Carbon.**

38. *Trigonotarbus arnoldi* Petrunkevitch, 1955*b* ..... C Decazeville

39. *Trigonotarbus johnsoni* Pocock, 1911* ..... C Coseley

40. *Trigonotarbus stoermeri* Schultka, 1991 ..... D Rheinischen Schief.

Family uncertain

† ***Namurotarbus*** **Poschmann & Dunlop, 2010** ..... **Carboniferous**

41. *Namurotarbus roessleri* (Dunlop & Brauckmann, 2006)* ..... C Hagen-Vorhalle

† **LISSOMARTIDAE Dunlop, 1995** ..... **Carboniferous**

† ***Lissomartus*** **Petrunkevitch, 1949** ..... **Carboniferous**

42. *Lissomartus carbonarius* (Petrunkevitch, 1913) ..... C Mazon Creek

43. *Lissomartus schucherti* (Petrunkevitch, 1913)* ..... C Mazon Creek

† **APHANTOMARTIDAE Petrunkevitch, 1945*a*** ..... **Devonian – Permian**

= † TRIGONOMARTIDAE Petrunkevitch, 1949

† ***Alkenia*** **Størmer, 1970** ..... **Devonian**

44. *Alkenia mirabilis* Størmer, 1970* ..... D Alken an der Mosel

† ***Aphantomartus*** **Pocock, 1911** ..... **Carbon. – Permian**

= † *Trigonomartus* Petrunkevitch, 1913

= † *Phrynomartus* Petrunkevitch, 1945*a*

45. *Aphantomartus areolatus* Pocock, 1911* ..... C–P Coal Measues

i. = *Aphantomartus pococki* Pruvost, 1912 ..... C Anzin, France

ii. = *Trigonomartus dorlodoti* Pruvost, 1930 ..... C Rien, France

iii. = *Eophrynus waechteri* Guthörl, 1938 ..... C Saar

iv. = ?*Trigonomartus pruvosti* van der Heide, 1951 ..... C Limbourg

v. = ?*Brachylycosa manebachensis* Müller, 1957 ..... C Rotliegenden

46. *Aphantomartus ilfeldicus* (Scharf, 1924) ..... P Rotliegend

47. *Aphantomartus pustulatus* (Scudder, 1884) ..... C Coal Measures

i. = ?*Kreischeria villeti* Pruvost, 1912 ..... C Pas de Calais

ii. = *Cleptomartus plötzensis* Simon, 1971 ..... C Halleschen Mulde

† **KREISCHERIIDAE Haase, 1890** ..... **Carboniferous**

† ***Anzinia* Petrunkevitch, 1953** ..... **Carboniferous**

48. *Anzinia thevenini* (Pruvost, 1919)* ..... C Anzin

† ***Gondwanarache* Pinto & Hünicken, 1980** ..... **Carboniferous**

49. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* ..... C Bajo de Véliz

† ***Hemikreischeria* Frič, 1904** ..... **Carboniferous**

50. *Hemikreischeria geinitzi* (Thevenin, 1902)* ..... C France

† ***Kreischeria* Geinitz, 1882** ..... **Carboniferous**

51. *Kreischeria wiedei* Geinitz, 1882* ..... C Zwickau

† ***Pseudokreischeria* Petrunkevitch, 1953** ..... **Carboniferous**

52. *Pseudokreischeria pococki* (Gill, 1924) ..... C Crawcrook

i. = *Eophrynus varius* Petrunkevitch, 1949 ..... C Crawcrook

† **EOPHRYNIDAE Karsch, 1882** ..... **Carboniferous**

= † HEMIPHRYNIDAE Frič, 1904

† ***Eophrynus* Woodward, 1871*b*** ..... **Carboniferous**

53. *Eophrynus prestvicii* (Buckland, 1837)* ..... C Coalbrookdale

54. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 ..... C Hagen-Vorhalle

† ***Nyranytarbus* Harvey & Selden, 1995** ..... **Carboniferous**

= † *Hemiphrynus* Frič, 1901 [preoccupied]

55. *Nyranytarbus hofmanni* (Frič, 1901) ..... C Nýřany

56. *Nyranytarbus longipes* (Frič, 1901)* ..... C Nýřany

† ***Petrovicia* Frič, 1904** ..... **Carboniferous**

57. *Petrovicia proditoria* Frič, 1904* ..... C Petrovice

† ***Planomartus* Petrunkevitch, 1953** ..... **Carboniferous**

58. *Planomartus krejcii* (Kušta, 1883)* ..... C Rakovník

i. = *Anthracomartus affinis* Kušta, 1885 ..... C Rakovník

† ***Pleophrynus* Petrunkevitch, 1945*a*** ..... **Carboniferous**

59. *Pleophrynus verrucosus* (Pocock, 1911) ..... C Coal Measures

i. = *Eophrynus warei* Dix & Pringle, 1930 ..... C Glyncoch, UK

ii. = *Pleophrynus ensifer* Petrunkevitch, 1945*a** ..... C Mazon Creek

iii. = *Eophrynus jugatus* Ambrose & Romano, 1972 ..... C Kilmersdon, UK

† ***Poconia* Petrunkevitch, 1953** ..... **Carboniferous**

60. *Poconia whitei* (Ewing, 1930)* ..... C Pocono Shales

† ***Somaspidion* Jux, 1982** ..... **Carboniferous**

61. *Somaspidion hammapheron* Jux, 1982* ..... C Dinslaken

† ***Stenotrogulus* Frič, 1904** ..... **Carboniferous**

= † *Cyclotrogulus* Frič, 1904

= † *Pseudoeophrynus* Příbyl, 1958

62. *Stenotrogulus salmii* (Stur, 1877)* ..... C Ostrava

i. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] ..... C Ostrava

ii. = *Pseudoeophrynus ostraviensis* Příbyl, 1958 ..... C Ostrava

TRIGONOTARBIDA *incertae sedis*

† ***Anthracophrynus* Andrée, 1913** ..... **Carboniferous**

63. *Anthracophrynus tuberculatus* Andrée, 1913* ..... C Dudweiler

† ***Areomartus* Petrunkevitch, 1913** ..... **Carboniferous**

64. *Areomartus ovatus* Petrunkevitch, 1913* ..... C West Virginia

† **'*Eophrynus*'**

65. '*Eophrynus*' *scharfi* Scharf, 1924 ..... P Rotliegend

NOMINA DUBIA

1. *Anthracomartus buchi* (Goldenberg, 1873) ..... C Saarbrücken
2. *Anthracomartus hageni* (Goldenberg, 1873) ..... C Saarbrücken
3. *Elaverimartus pococki* Petrunkevitch, 1953 ..... C Ellismuir
4. *Eurymartus latus* Matthew, 1895 ..... C Fern Ledges
5. ?*Eurymartus spinulosus* Matthew, 1895 ..... C Fern Ledges
6. *Trigonomartus woodruffi* (Scudder, 1893) ..... C Rhode Island

no Recent species

URARANEIDA

2 currently valid species of uraraneid

- The uraraneids were previously interpreted as true spiders (Araneae), but are now thought to be a more basal lineage which produced silk but lacked spinnerets.

† **URARANEIDA Selden & Shear *in* Selden *et al*., 2008** ..... **Devonian – Permian**

† ***Attercopus* Selden & Shear *in* Selden *et al*. (1991)** ..... **Devonian**

1. *Attercopus fimbriunguis* (Shear, Selden & Rolfe, 1987)* ..... D Gilboa, New York

† **PERMARACHNIDAE Eskov & Selden, 2005** ..... **Permian**

† ***Permarachne* Eskov & Selden, 2005** ..... **Permian**

2. *Permarachne novokshonovi* Eskov & Selden, 2005* ..... P Matveyevka

ARANEAE

1,183 currently valid species of fossil spider

ARANEAE Clerck, 1757 ..... **Carbon. – Recent**

'mesotheles' ..... **Carbon. – Recent**

† **ARTHROLYCOSIDAE Frič, 1904** ..... **Carboniferous**

† ***Arthrolycosa*** **Harger, 1874** ..... **Carbon. – Permian**

1. *Arthrolycosa antiqua* Harger, 1874* ..... C Mazon Creek
2. *Arthrolycosa danielsi* Petrunkevitch, 1913 ..... C Mazon Creek

Arthrolycosa sp. *in* Eskov & Selden (2005) ..... P Kityak river

† ***Eocteniza*** **Pocock, 1911** ..... **Carboniferous**

3. *Eocteniza silvicola* Pocock, 1911* ..... C Coseley

† **ARTHROMYGALIDAE Petrunkevitch, 1923** ..... **Carboniferous**

† ***Arthromygale*** **Petrunkevitch, 1923** ..... **Carboniferous**

4. *Arthromygale fortis* (Frič, 1904)* ..... C Rakovník
   i. = *Arthrolycosa beecheri* Frič, 1904 ..... C Rakovník

† ***Eolycosa*** **Kušta, 1885** ..... **Carboniferous**

5. *Eolycosa lorenzi* Kušta, 1885* ..... C Rakovník

† ***Geralycosa*** **Kušta, 1888** ..... **Carboniferous**

6. *Geralycosa fritschi* Kušta, 1888* ..... C Rakovník

† ***Kustaria*** **Petrunkevitch, 1953** ..... **Carboniferous**

= † *Scudderia* Kušta, 1888 [preoccupied]

7. *Kustaria carbonaria* (Kušta, 1888)* ..... C Rakovník

† ***Palaranea*** **Frič, 1873** ..... **Carboniferous**

8. *Palaranea borassifoliae* Frič, 1873* ..... C Czech Republic

† ***Protocteniza*** **Petrunkevitch, 1949** ..... **Carboniferous**

9. *Protocteniza britannica* Petrunkevitch, 1949* ..... C Coseley

† ***Protolycosa*** **Roemer, 1866** ..... **Carboniferous**

10. *Protolycosa anthracophilia* Roemer, 1866* ..... C Silesia
11. *Protolycosa cebennensis* Laurentiaux-Viera & Laurentiaux, 1963 ..... C Cévennes, France

† ***Rakovnicia*** **Kušta, 1884*a*** ..... **Carboniferous**

12. *Rakovnicia antiqua* Kušta, 1884*a** ..... C Rakovník

† **PYRITARANEIDAE Petrunkevitch, 1953** ..... **Carboniferous**

† ***Dinopilio*** **Frič, 1904** ..... **Carboniferous**

13. *Dinopilio gigas* Frič, 1904* ..... C Rakovník

14. *Dinopilo parvus* Petrunkevitch, 1953 ..... C Kent, UK

† ***Pyritaranea* Frič, 1901** ..... **Carboniferous**

15. *Pyritaranea tubifera* Frič, 1901* ..... C Nýřany

MESOTHELAE Pocock, 1892 ..... Carbon. – Recent

plesion genus

† ***Palaeothele* Selden, 2000** ..... **Carboniferous**

= † *Eothele* Selden, 1996 [preoccupied]

16. *Palaeothele montceauensis* (Selden, 1996)* ..... C Montceau-les-Mines

LIPHISTIIDAE Pocock, 1892 ..... **Recent**

= HEPTATHELIDAE Haupt, 1983

no fossil record

OPISTHOTHELAE Pocock, 1892 ..... Triassic – Recent

Opisthothelae *incertae sedis*

† ***Eoatypus* McCook, 1888** ..... **Palaeogene**

17. *Eoatypus woodwardii* McCook, 1888* ..... Pa Isle of Wight

MYGALOMORPHAE Pocock, 1892 ..... Triassic – Recent

Mygalomorpha indet. 1–3 *in* Wunderlich (2008*d*) ..... K Myanmar amber

ATYPIDAE Thorell, 1870*a* ..... **Cretaceous – Recent**

= CALOMMATOIDAE Thorell, 1887

† ***Ambiortiphagus* Eskov & Zonstein, 1990** ..... **Cretaceous**

18. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990* ..... K Central Mongolia

† ***Balticatypus* Wunderlich, 2011*h*** ..... **Palaeogene**

19. *Balticatypus beigeli* Wunderlich, 2011*h* ..... Pa Baltic amber

20. *Balticatypus juvenis* Wunderlich, 2011*h** ..... Pa Baltic amber

21. *Balticatypus spinosus* Wunderlich, 2011*h* ..... Pa Baltic amber

ANTRODIAETIDAE Gertsch *in* Comstock, 1940 ..... **Cretaceous – Recent**

= BRACHYBOTHRIDAE Simon, 1892

= ACCATYMIDAE Kishida, 1930

† ***Cretacattyma* Eskov & Zonstein, 1990** ..... **Cretaceous**

22. *Cretacattyma raveni* Eskov & Zonstein, 1990* ..... K Central Mongolia

MECICOBOTHRIIDAE Holmberg, 1882 ..... **Cretaceous – Recent**

= HEXURIDAE Simon, 1889*b*

† ***Cretohexura* Eskov & Zonstein, 1990** ..... **Cretaceous**

23. *Cretohexura coylei* Eskov & Zonstein, 1990* ..... K Transbaikalia

† ***Cretomegahexura* Eskov & Zonstein, 1990** ..... **Cretaceous**

24. *Cretomegahexura platnicki* Eskov & Zonstein, 1990* ..... K Central Mongolia

HEXATHELIDAE Simon, 1892*b* ..... **Triassic – Recent**

† ***Rosamygale* Selden & Gall, 1992** ..... **Triassic**

25. *Rosamygale grauvogeli* Selden & Gall, 1992* ..... Tr Vosges, France

DIPLURIDAE Simon, 1889*b* ..... **Cretaceous – Recent**

† ***Clostes* Menge, 1869** ..... **Palaeogene**

26. *Clostes priscus* Menge, 1869* ..... Pa Baltic / Bitt. amber

† ***Cretadiplura* Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

27. *Cretadiplura ceara* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

† ***Dinodiplura* Selden *in* Selden *et al*., 2006** ..... **Cretaceous**

28. *Dinodiplura ambulacra* Selden *in* Selden *et al*., 2006* ..... K Crato Formation

***Ischnothele* Ausserer, 1875** ..... **?Neogene – Recent**

?*Ischnothele* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Masteria* L. Koch, 1873** ..... **Neogene – Recent**

= † *Microsteria* Wunderlich, 1988

29. *Masteria sexoculata* (Wunderlich, 1988) ..... Ne Dominican amber

?Masteria sp. *in* Schawaller (1982*c*: as ?*Ischnothele*) ..... Ne Dominican amber

genus uncertain

Dipluridae sp. 1–3 *in* Wunderlich (2004*a*) ..... Pa Baltic amber

Dipluridae sp. *in* Wunderlich (2004*a*) ..... Ne Dominican amber

Dipluridae indet. *in* Wunderlich (2012*d*) ..... K Myanmar amber

CYRTAUCHENIIDAE Simon, 1892*b* ..... **Neogene – Recent**

***Bolostromus* Ausserer, 1875** ..... **Neogene – Recent**

30. *Bolostromus destructus* Wunderlich, 1988 ..... Ne Dominican amber

CTENIZIDAE Thorell, 1887 ..... **Palaeogene – Recent**

= HALONOPROCTIDAE Pocock, 1903

† ***Baltocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

31. *Baltocteniza kulickae* Eskov & Zonstein, 2000 ..... Pa Baltic amber

† ***Electrocteniza* Eskov & Zonstein, 2000** ..... **Palaeogene**

32. *Electrocteniza sadilenkoi* Eskov & Zonstein, 2000 ..... Pa Baltic amber

***Ummidia* Thorell, 1875** ..... **Palaeogene – Recent**

33. *Ummidia damzeni* Wunderlich, 2000 ..... Pa Baltic amber

34. *Ummidia malinowskii* Wunderlich, 2000 ..... Pa Baltic amber

Ummidia sp. *in* Wunderlich (2004*a*) ..... Pa Baltic amber

?Ummidia sp. *in* Wunderlich (2011*h*) ..... Pa 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**

35. *Cretamygale chasei* Selden, 2002* ..... K Isle of Wight

† ***Eodiplurina* Petrunkevitch, 1922** ..... **Palaeogene**

[NB: Selden (2001) questioned this familial placement based on claw structure]

36. *Eodiplurina cockerelli* Petrunkevitch, 1922* ..... Pa Florissant

MICROSTIGMATIDAE Roewer, 1942 ..... **Neogene – Recent**

= MICROMYGALIDAE Wunderlich, 2004*b*

† ***Parvomygale* Wunderlich, 2004*b*** ..... **Neogene**

37. *Parvomygale distincta* Wunderlich, 2004*b** ..... Ne Dominican amber

BARYCHELIDAE Simon, 1889*b* ..... **Neogene – Recent**

Psalistops* Simon, 1889*b ..... **Neogene – Recent**

38. *Psalistops hispaniolensis* Wunderlich, 1988* ..... Ne Dominican amber

THERAPHOSIDAE Thorell, 1870*a* ..... **Neogene – Recent**

= AVICULARIIDAE Simon, 1874

Theraphosidae gen. et sp. indet. *in* Dunlop *et al.* (2008) ..... Ne Chiapas amber

***Hemirraghus* Simon, 1903** ..... **Neogene – Recent**

Hemirraghus sp. *in* García-Villafuerte (2008) ..... Ne Chiapas amber

† ***Ischnocolinopsis* Wunderlich, 1988** ..... **Neogene**

39. *Ischnocolinopsis acutus* Wunderlich, 1988* ..... Ne Dominican amber

PARATROPIDIDAE Simon, 1889*a* ..... **Recent**

no fossil record

ARANEOMORPHAE Smith, 1902 ..... Triassic – Recent

ARANEOMORPHAE indet.

† ***Argyrarachne* Selden *in* Selden *et al*., 1999** ..... **Triassic**

40. *Argyrarachne solitus* Selden *in* Selden *et al*., 1999* ..... Tr Virginia

† ***Triassaraneus* Selden *in* Selden *et al*., 1999** ..... **Triassic**

41. *Triassaraneus andersonorum* Selden *in* Selden *et al*., 1999* ..... Tr KwaZulu-Natal

HYPOCHILIDAE Marx, 1888 ..... **Recent**

= ECTATOSTICTIDAE Lehtinen, 1967

no fossil record

AUSTROCHILOIDEA Zapfe, 1955 ..... **Recent**

AUSTROCHILIDAE Zapfe, 1955 ..... **Recent**

= THAIDIDAE Lehtinen, 1967

= HICKMANIIDAE Lehtinen, 1967

no fossil record

GRADUNGULIDAE Forster, 1955 ..... **Recent**

no fossil record

ARANEOCLADA Platnick, 1977 ..... **Triassic – Recent**

HAPLOGYNAE Simon, 1893 ..... **Jurassic – Recent**

FILISTATIDAE Ausserer, 1867 ..... **Neogene – Recent**

***Misionella* Ramírez & Grismado, 1997** ..... **Neogene – Recent**

42. *Misionella didicostae* Penney, 2005*a* ..... Ne Dominican amber

SICARIIDAE Keyserling, 1880*a* ..... **Neogene – Recent**

= LOXOSCELIDAE Simon, 1893

***Loxosceles* Heineken & Lowe, 1832** ..... **Neogene – Recent**

43. *Loxosceles aculicaput* Wunderlich, 2004*c* ..... Ne Dominican amber

44. *Loxosceles defecta* Wunderlich, 1988 ..... Ne Dominican amber

45. *Loxosceles deformis* Wunderlich, 1988 ..... Ne Dominican amber

Loxosceles sp. *in* Wunderlich (1988) ..... Ne Dominican amber

SCYTODIDAE Blackwall, 1864 ..... **?Cretaceous – Recent**

Syctodidae sp. 1–2 *in* Wunderlich (2004*b*) ..... Pa Bitterfeld amber

***Scytodes* Latreille, 1804a** ..... **?Cretaceous – Recent**

46. ?*Scytodes hani* Wunderlich, 2012*d* ..... K Jordanian amber

47. *Scytodes marginalis* Wunderlich, 2004*as* ..... Qt Madagascan copal

48. *Scytodes piliformis* Wunderlich, 1988 ..... Ne Dominican amber

49. *Scytodes planithorax* Wunderlich, 1988 ..... Ne Dominican amber

50. *Scytodes stridulans* Wunderlich, 1988 ..... Ne Dominican amber

51. *Scytodes weitschati* Wunderlich, 1993*a* ..... Pa Baltic amber

Scytodes sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Scytodes sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

PERIEGOPIDAE Simon, 1893 ..... **Recent**

no fossil record

DRYMUSIDAE Simon, 1893 ..... **Recent**

no fossil record

† **PRAETERLEPTONETIDAE Wunderlich 2008*d*** ..... **Cretaceous**

Praeterleptonetidae indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Palaeohygropoda* Penney, 2004*c*** ..... **Cretaceous**

52. *Palaeohygropoda myanmarensis* Penney, 2004*c** ..... K Myanmar amber

† ***Praeterleptoneta* Wunderlich, 2008*d*** ..... **Cretaceous**

53. *Praeterleptoneta spinipes* Wunderlich, 2008*d** ..... K Myanmar amber

54. *Praeterleptoneta tibialis* Wunderlich, 2011*i* ..... K Myanmar amber

† **PHOLCOCHYROCERDAE Wunderlich 2012*d*** ..... **Cretaceous**

† ***Pholcochyrocer* Wunderlich, 2008*d*** ..... **Cretaceous**

55. *?Pholcochyrocer baculum* Wunderlich, 2012*d* ..... K Myanmar amber

56. *Pholcochyrocer guttulaequae* Wunderlich, 2008*d** ..... K Myanmar amber

57. *Pholcochyrocer pecten* Wunderlich, 2012*d* ..... K Myanmar amber

LEPTONETIDAE Simon, 1890 ..... **Cretaceous – Recent**

† ***Eoleptoneta* Wunderlich, 1991** ..... **Palaeogene**

58. *Eoleptoneta curvata* Wunderlich, 2004*c* ..... Pa Bitterfeld amber

59. *Eoleptoneta duocalcar* Wunderlich, 2004*c* ..... Pa Baltic amber

60. *Eoleptoneta kutscheri* Wunderlich, 1991* ..... Pa Bitterfeld amber

61. *Eoleptoneta multispinae* Wunderlich, 2011*h* ..... Pa Baltic amber

62. *Eoleptoneta pseudoarticulata* Wunderlich, 2011*h* ..... Pa Baltic amber

63. *Eoleptoneta similis* Wunderlich, 2004*c* ..... Pa Baltic amber

† ***Oligoleptoneta* Wunderlich 2004*c*** ..... **Palaeogene**

64. *Oligoleptoneta altoculus* Wunderlich 2004*c** ..... Pa Baltic amber

65. *Oligoleptoneta cymbiospina* Wunderlich, 2011*h* ..... Pa Baltic amber

† ***Palaeoleptoneta* Wunderlich 2012*d*** ..... **Cretaceous**

66. *Paleoleptoneta calcar* Wunderlich, 2012*d** ..... K Myanmar amber

TELEMIDAE Fage, 1913 ..... **Palaeogene – Recent**

***Telema* Simon, 1882** ..... **Palaeogene – Recent**

67. ?*Telema moritzi* Wunderlich, 2004*c* ..... Pa Baltic / Bitt. amber

OCHYROCERATIDAE Fage, 1912 ..... **Neogene – Recent**

= † EOPSILODERCIDAE Wunderlich, 2008*d*

[NB: Wunderlich (2012*d*) recognised this as a junior synonym of Psilodercidae; Platnick does not recognise this family]

?Eopsilodercidae indet. 1–3 *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Arachnolithulus* Wunderlich, 1988** ..... **Neogene**

68. *Arachnolithulus longipes* Wunderlich, 2004*c* ..... Ne Dominican amber

69. *Arachnolithulus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber
?*Arachnolithulus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Eopsiloderces* Wunderlich, 2008*d*** ..... **Cretaceous**

70. *Eopsiloderces loxosceloides* Wunderlich, 2008*d* ..... K Myanmar amber

† ***Furcembolus* Wunderlich, 2008*d*** ..... **Cretaceous**

71. *Furembolus andersoni* Wunderlich, 2008*d* ..... K Myanmar amber

***Leclercera* Deeleman-Reinhold, 1995** ..... **Cretaceous – Recent**

72. *Leclercera longissipes* Wunderlich, 2012*d* ..... K Myanmar amber
73. *Leclercera spicula* Wunderlich, 2012*d* ..... K Myanmar amber

***Psiloderces* Simon, 1892** ..... **?Cretaceous – Recent**

74. ?*Psiloderces filiformis* Wunderlich, 2012*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**

75. ?*Coryssocnemis velteni* Wunderlich, 2004*c* ..... Ne Dominican amber

***Leptopholcus* Simon, 1893** ..... **Neogene**

76. *Leptopholcus kiskeya* Huber & Wunderlich, 2006 ..... Ne Dominican amber

***Modisimus* Simon, 1893** ..... **Neogene – Recent**

77. *Modisimus calcar* Wunderlich, 1988 ..... Ne Dominican amber
78. *Modisimus calcaroides* Wunderlich, 1988 ..... Ne Dominican amber
79. *Modisimus crassifemoralis* Wunderlich, 1988 ..... Ne Dominican amber
80. *Modisimus oculatus* Wunderlich, 1988 ..... Ne Dominican amber
81. *Modisimus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber

Modisimus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Paraspermophora* Wunderlich, 2004c** ..... **Palaeogene**

82. *Paraspermophora bitterfeldensis* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
83. *Paraspermophora perplexa* Wunderlich, 2004*c** ..... Pa Baltic amber

Paraspermophora sp. *in* Wunderlich (2004*c,* 2011*h*) ..... Pa Baltic / Bitt. amber

***Pholcophora* Banks, 1896** ..... **Neogene – Recent**

84. *Pholcophora brevipes* Wunderlich, 1988 ..... Ne Dominican amber
85. *Pholcophora gracilis* Wunderlich, 1988 ..... Ne Dominican amber
86. *Pholcophora longicornis* Wunderlich, 1988 ..... Ne Dominican amber

***Quamtana* Huber, 2003** ..... **Palaeogene – Recent**

87. *Quamtana huberi* Penney, 2007*a* ..... Pa Le Quesnoy amber

† ***Serratochorus* Wunderlich, 1988** ..... **Neogene**

88. *Serratochorus pygmaeus* Wunderlich, 1988* ..... Ne Dominican amber

PLECTREURIDAE Simon, 1893 ..... **Jurassic – Recent**

† ***Eoplectreurys* Selden & Huang, 2010** ..... **Jurassic**

89. *Eoplectreurys gertschi* Selden & Huang, 2010 ..... J Daohugou

† ***Palaeoplectreurys* Wunderlich, 2004c** ..... **Palaeogene**

90. *Palaeoplectreurys baltica* Wunderlich, 2004*c** ..... Pa Baltic amber

***Plectreurys* Simon, 1893** ..... **Neogene – Recent**

91. *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**

92. *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

Tetrablemmidae gen. indet. *in* Wunderlich (2012*d*) ..... K Myanmar amber

† ***Balticoblemma* Wunderlich, 2004c** ..... **Palaeogene**

93. *Balticoblemma unicorniculum* Wunderlich, 2004*c** ..... Pa Baltic amber

† ***Eogamasomorpha* Wunderlich, 2008*d*** ..... **Cretaceous**

94. *Eogamasomorpha nubila* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Eoscaphiella* Wunderlich, 2011*i*** ..... **Cretaceous**

95. *Eoscaphiella ohlhoffi* Wunderlich, 2011*i** ..... K Myanmar amber

***Monoblemma* Gertsch, 1941** ..... **Neogene**

96. ?*Monoblemma spinosum* Wunderlich, 1988* ..... Ne Dominican amber

† ***Saetosoma* Wunderlich, 2012*d*** ..... **Cretaceous**

97. *Saetosoma filiembolus* Wunderlich, 2012*d** ..... K Myanmar 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**

98. ?*Ariadna amissiocoli* Wunderlich, 2008*d* ..... K Jordanian amber

99. *Ariadna copalis* Wunderlich, 2008*a* ..... Qt ?Madagascan copal

100. *Ariadna defuncta* Wunderlich 2004*c* ..... Pa Bitterfeld amber

101. *Ariadna hintzei* Wunderlich, 2004*as* ..... Qt Madagascan copal

102. *Ariadna ovalis* Wunderlich, 2008*a* ..... Pa Baltic amber

103. *Ariadna parva* Wunderlich, 2008*a* ..... Pa Baltic amber

104. *Ariadna paucispinosa* Wunderlich, 1988 ..... Ne Dominican amber
105. *Ariadna resinae* Hickman, 1957 ..... Ne? Australian copal
?*Ariadna* sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Lebansegestria* Wunderlich 2008*d*** ..... **Cretaceous**

106. *Lebansegestria azari* Wunderlich, 2008*d** ..... K Lebanese amber

† ***Microsegestria* Wunderlich & Milki, 2004** ..... **Cretaceous**

107. *Microsegestria poinari* Wunderlich & Milki, 2004* ..... K Lebanese amber

† ***Palaeosegestria* Penney, 2004*a*** ..... **Cretaceous**

108. *Palaeosegestria lutzzii* Penney, 2004*a** ..... K New Jersey amber

Segestria* Latreille, 1804*a ..... **Cretaceous – Recent**

109. *Segestria cristata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
110. *Segestria flexio* Wunderlich, 2004*c* ..... Pa Baltic amber
111. *Segestria mortalis* Wunderlich 2004*c* ..... Pa Baltic amber
112. *Segestria plicata* Petrunkevitch, 1950 ..... Pa Baltic amber
113. *Segestria scudderi* Petrunkevitch, 1922 ..... Pa Florissant
114. *Segestria secessa* Scudder, 1890*a* ..... Pa Florissant
115. *Segestria succinei* Berland, 1939 ..... Pa Baltic amber
116. *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**

117. *Vetsegestria quinquespinosa* Wunderlich, 2004*c** ..... Pa Bitterfeld amber

DYSDERIDAE C. L. Koch, 1837 ..... **Palaeogene – Recent**

† ***Dasumiana* Wunderlich, 2004*c*** ..... **Palaeogene**

118. *Dasumiana emicans* Wunderlich, 2004*c** ..... Pa Baltic amber
119. ?*Dasumiana subita* (Petrunkevitch, 1958) ..... Pa Baltic amber
120. *Dasumiana valga* Wunderlich, 2004*c* ..... Pa Baltic amber

***Dysdera* Latreille, 1804** ..... **Palaeogene – Recent**

121. *Dysdera dilatata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Harpactea* Bristowe, 1939** ..... **Palaeogene – Recent**

122. *Harpactea communis* Wunderlich, 2004*c* ..... Pa Baltic amber
123. *Harpactea extincta* Petrunkevitch, 1950 ..... Pa Baltic amber
124. *Harpactea hombergi* (Scopoli, 1763) **[Recent]** ..... Qt England
125. *Harpactea longibulbus* Wunderlich, 2011*h* ..... Pa Baltic amber
126. *Harpactea tersa* (C. L. Koch & Berendt, 1854) ... [provisional transfer] Pa Baltic amber
Harpactea sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

Dysderidae?

† ***Mistura* Petrunkevitch, 1971** ..... **Neogene**

127. *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**

128. *Burmorchestina pulcher* Wunderlich, 2008*a** ..... K Myanmar amber

† ***Canadaorchestina* Wunderlich, 2008*a*** ..... **Cretaceous**

129. *Canadaorchestina albertenis* (Penney, 2006*a*)* ..... K Manitobian amber

† ***Fossilopaea* Wunderlich, 1988** ..... **Neogene**

130. *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**

131. *Orchestina (Baltorchestina) angulata* Wunderlich, 2012*f* [replacement name]..... Pa Bitterfeld amber

i. = *Orchestina (B.) rectangulata* Wunderlich, 2011*h* [preoccupied]

132. *Orchestina baltica* Petrunkevitch, 1942 ..... Pa Baltic amber

133. *Orchestina (Baltorchestina) bitterfeldensis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

134. *Orchestina breviembolus* Wunderlich, 1981 ..... Pa Baltic amber

135. *Orchestina (Baltorchestina) brevis* Wunderlich, 2008*a* ..... Pa Baltic amber

136. *Orchestina crassiembolus* Wunderlich, 1981 ..... Pa Baltic amber

137. *Orchestina (Baltorchestina) crassipatellaris* Wunderlich, 1981 ..... Pa Baltic amber

138. *Orchestina (Baltorchestina) crassitibialis* Wunderlich, 1981 ..... Pa Baltic amber

139. *Orchestina (Baltorchestina) colchembolus* Wunderlich, 1981 ..... Pa Baltic amber

140. *Orchestina colombiensis* Wunderlich, 2004*at* ..... Qt Colombian copal

141. *Orchestina dominicana* Wunderlich, 1981 ..... Ne Dominican amber

142. *Orchestina forceps* Wunderlich, 1981 ..... Pa Baltic amber

143. *Orchestina (Baltorchestina) forfex* Wunderlich, 2011*h*..... Pa Baltic amber

144. *Orchestina (Baltorchestina) furca* Wunderlich, 1981 ..... Pa Baltic amber

145. *Orchestina fushunensis* Wunderlich, 2004*au* ..... Pa Fu Shun amber

146. *Orchestina gappi* Saupe *et al*., 2012 ..... K Archingeay amber

147. *Orchestina gracilitibialis* Wunderlich, 2004*c* ..... Pa Baltic amber

148. *Orchestina (Baltorchestina) imperialis* Petrunkevitch, 1963 ..... Pa Baltic/Bitter. amber

149. *Orchestina kenyana* Wunderlich, 1981 ..... Qt East African copal

150. *Orchestina longimana* Wunderlich, 1981 ..... Qt East African copal

151. *Orchestina madagascariensis* Wunderlich, 2004*as* ..... Qt Madagascan copal

152. *Orchestina mortua* Petrunkevitch, 1971 ..... Ne Chiapas amber

153. *Orchestina (Baltorchestina) multisetae* Wunderlich, 2008*a* ..... Pa Baltic amber

154. *Orchestina (Gallorchestina) parisiensis* Penney, 2007*b* ..... Pa Le Quesnoy amber

155. *Orchestina (Baltorchestina) perfecta* Wunderlich, 2008*a* ..... Pa Baltic amber
156. *Orchestina pusilla* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
157. *Orchestina rabagensis* Saupe *et al.*, 2012 ..... K El Soplao amber
158. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2008*a* ..... Pa Baltic amber
159. *Orchestina (Baltorchestina) sternalis* Wunderlich, 2008*a* ..... Pa Baltic amber
160. *Orchestina tibialis* Wunderlich, 1988 ..... Ne Dominican amber
161. *Orchestina truncata* Wunderlich, 2004*at* ..... Qt Colombian copal
162. *Orchestina tuberosa* Wunderlich, 1981 ..... Pa Baltic amber

Orchestina sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

Orchestina sp. *in* Saupe *et al*. (2012) ..... K Álava amber

Orchestina sp. *in* Soriano *et al.* (2010) ..... K San Just amber

Orchestina sp. *in* Wunderlich (2011*h*) ..... Pa Bitterfeld amber

***Stenoonops* Simon, 1891** ..... **Palaeogene – Recent**

163. *Stenoonops incertus* (Wunderlich, 1988) ..... Ne Dominican amber
164. ?*Stenoonops rugosus* Wunderlich, 2004*c* ..... Pa Bitterfeld amber
165. *Stenoonops seldeni* (Penney, 2000) ..... Ne Dominican amber

ORSOLOBIDAE Cooke, 1965 ..... **Recent**

no fossil record

† **PLUMORSOLIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

?Plumorsolidae indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

?Plumorsolidae indet. *in* Wunderlich (2011*i*) ..... K Myanmar amber

† ***Plumorsolus* Wunderlich, 2008*d*** ..... **Cretaceous**

166. *Plumorsolus gondwanensis* Wunderlich, 2008*d* ..... K Lebanese amber

TROGLORAPTORIDAE Griswold, Audisio & Ledford, 2012 ..... **Recent**

no fossil record

ENTELEGYNAE Simon, 1893 ..... **Triassic – Recent**

PALPIMANOIDEA Thorell, 1870a ..... **Jurassic – Recent**

family uncertain

† ***Sinaranea* Selden, Huang & Ren, 2008** ..... **Jurassic**

167. *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**

168. ?*Archaea bitterfeldensis* Wunderlich, 2004*d* ..... Pa Bitterfeld amber
169. *Archaea compacta* Wunderlich, 2004*d* ..... Pa Baltic amber
170. *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

171. *Archaea pougneti* Simon, 1884*b* ..... Pa Baltic amber

† ***Baltarchaea*** **Eskov, 1992** ..... **Palaeogene**

172. *Baltarchaea conica* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

† ***Burmesarchaea*** **Wunderlich, 2008*d*** ..... **Cretaceous**

173. *Burmesarchaea grimaldii* (Penney, 2003*a*) ..... K Myanmar amber

† ***Eoarchaea*** **Forster & Platnick, 1984** ..... **Palaeogene**

174. *Eoarchaea hyperoptica* (Menge *in* C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

175. *Eoarchaea vidua* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Eomysmauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

176. *Eomysmauchenius septentrionalis* Wunderlich, 2008*d** ..... K Myanmar amber

Eriauchenius **O. P.-Cambridge, 1881** ..... **Quaternary – Recent**

177. *Eriauchenius gracilicollis* (Millot, 1948) **[Recent]** ..... Qt Copal

i. = *Archaea copalensis* Lourenço, 2000*b* ..... Qt Copal

† ***Filiauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

178. *Filiauchenius paucidentatus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Jurarchaea*** **Eskov, 1987** ..... **Jurassic**

179. *Jurarchaea zherikhini* Eskov, 1987* ..... J Kazakhstan

† ***Lacunauchenius*** **Wunderlich, 2008*d*** ..... **Cretaceous**

180. *Launauchenius speciosus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Myrmecarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

181. *Myrmecarchaea petiolus* Wunderlich, 2004*d** ..... Pa Baltic amber

182. *Myrmecarchaea pediculus* Wunderlich, 2004*d* ..... Pa Baltic amber

† ***Patarchaea*** **Selden, Huang & Ren, 2008** ..... **Jurassic**

183. *Patarchaea muralis* Selden, Huang & Ren, 2008* ..... J Daohugou, China

† ***Saxonarchaea*** **Wunderlich, 2004*d*** ..... **Palaeogene**

184. *Saxonarchaea dentata* Wunderlich, 2004*d** ..... Pa Bitterfeld amber

185. *Saxonarchaea diabolica* Wunderlich, 2004*d* ..... Pa Bitterfeld amber

MECYSMAUCHENIIDAE Simon, 1895 ..... **Cretaceous – Recent**

† ***Archaemecys*** **Saupe & Selden, 2009** ..... **Cretaceous**

186. *Archaemecys arcantiensis* Saupe & Selden, 2009 ..... K Charente amber

PARARCHAEIDAE Forster & Platnick, 1984 ..... **Recent**

no fossil record

HOLARCHAEIDAE Forster & Platnick, 1984 ..... **Recent**

no fossil record

MICROPHOLCOMMATIDAE Hickman, 1944 ..... **Palaeogene – Recent**

† ***Cenotextricella*** **Penney *in* Penney *et al*., 2007** ..... **Palaeogene**

187. *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**

Micropalpimanus sp. indet *in* Wunderlich (2012*d*) ..... K Myanmar amber

188. *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**

† ***Archaelagonops* Wunderlich, 2012*d*** ..... **Cretaceous**

189. *Archaelagonops salticoides* Wunderlich, 2012*d** ..... K Myanmar amber

† ***Burlagonomegops* Penney, 2005*b*** ..... **Cretaceous**

190. *Burlagonomegops alavensis* Penney, 2006*b* ..... K Álava amber

191. *Burlagonomegops eskovi* Penney, 2005*b** ..... K Myanmar amber

† ***Lagonoburmops* Wunderlich, 2012*d*** ..... **Cretaceous**

192. *Lagonoburmops plumosus* Wunderlich, 2012*d** ..... K Myanmar amber

† ***Lagonomegops* Eskov & Wunderlich, 1995** ..... **Cretaceous**

193. *Lagonomegops americanus* Penney, 2005*b* ..... K New Jersey amber

194. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995* ..... K Taimyr amber

† ***Myanlagonops* Wunderlich, 2012*d*** ..... **Cretaceous**

195. *Myanlagonops gracilipes* Wunderlich, 2012*d** ..... K Myanmar amber

† ***Zarquagonomegops* Kaddumi, 2007** ..... **Cretaceous**

196. *Zarquagonomegops wunderlichi* Kaddumi, 2007* ..... K Jordanian amber

† **GRANDOCULIDAE Penney, 2011** ..... **Cretaceous**

NB: The validity of this family has been challenged (cf. Wunderlich 2012*d*).

† ***Grandoculus* Penney, 2004*b*** ..... **Cretaceous**

197. *Grandoculus chemahawinensis* Penney, 2004*b** ..... K Manitobian amber

† **SPATIATORIDAE Petrunkevitch, 1942** ..... **Palaeogene**

† ***Spatiator* Petrunkevitch, 1942** ..... **Palaeogene**

198. *Spatiator caulis* Wunderlich, 2008*a* ..... Pa Baltic amber

199. *Spatiator martensi* Wunderlich, 2006 ..... Pa Baltic amber
200. *Spatiator praeceps* Petrunkevitch, 1942* ..... Pa Baltic amber
Spatiator sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

MALKARIDAE Davies, 1980 ..... **Recent**
= STERNODIDAE Moran, 1986

no fossil record

MIMETIDAE Simon, 1881 ..... **Palaeogene – Recent**
= CTENOPHORIDAE Blackwall, 1870 [younger name protected by useage]
Mimetidae gen. et sp. indet. *in* Penney *et al*. (2012*a*) ..... Pa Indian amber
Mimetini sp. 1–4 *in* Wunderlich (2004*q*) ..... Pa Baltic amber

***Ero* C. L. Koch, 1836** ..... **Palaeogene – Recent**
= †*Palaeoero* Wunderlich, 2004*q*
= †*Succinero* Wunderlich, 2004*q*
[Wunderlich revalidated both as putative subgenera]
201. *Ero carboneana* Petrunkevitch, 1942 ..... Pa Baltic amber
202. *Ero aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber
[treated as a *nomen dubium* by Harms & Dunlop (2009)]
203. *Ero (Succinero) clunis* Wunderlich, 2012*c* ..... Pa Baltic amber
204. *Ero (Succinero) gracilitibialis* Wunderlich, 2012*c* ..... Pa Baltic amber
205. *Ero (Paleoero) longitarsus* (Wunderlich, 2004*q*) ..... Pa Baltic amber
206. *Ero permunda* Petrunkevitch, 1942 ..... Pa Baltic amber
207. *Ero (Succinero) rovnoensis* (Wunderlich, 2004*ar*) ..... Pa Rovno amber
208. *Ero (Succinero) veta* Wunderlich, 2012*c* ..... Pa Baltic amber

***Mimetus* Hentz, 1832** ..... **Palaeogene – Recent**
?*Mimetus* sp. *in* Wunderlich (1988) ..... Ne Dominican amber
209. *Mimetus bituberculatus* Wunderlich, 1988 ..... Ne Dominican amber
210. *Mimetus brevipes* Wunderlich, 2004*q* ..... Pa Baltic amber
[synonymised by Harms & Dunlop (2009), but ressurected by Wunderlich (2012*c*)]
211. ?*Mimetus longipes* Wunderlich, 2004*q* ..... Pa Baltic amber

† ***Protomimetus* Wunderlich, 2011** ..... **Palaeogene**
212. ?*Protomimetus breviclypeus* Wunderlich, 2011*h* ..... Pa Baltic amber
213. *Protomimetus longiclypeus* Wunderlich, 2011*h** ..... Pa Baltic amber

ERESOIDEA C. L. Koch, 1851 ..... **Cretaceous – Recent**

ERESIDAE C. L. Koch, 1851 ..... **?Miocene – Recent**

no body fossil record, but a web attributed to the extant genus *Seothyra* was described by Pickford (2000) from Miocene aeolianites in the Namib Desert of Namibia

'OECOBIOIDEA'

Oecobioidea fam. indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

OECOBIIDAE Blackwall, 1862 ..... **Cretaceous – Recent**

= UROCTEIDAE Thorell, 1869

† ***Lebanoecobius* Wunderlich, 2004e** ..... **Cretaceous**

214. *Lebanoecobius schleei* Wunderlich, 2004*e** ..... K Lebanese amber

† ***Mizalia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Paruroctea* Petrunkevitch, 1942

215. *Mizalia blauvelti* (Petrunkevitch, 1942) ..... Pa Baltic amber

216. *Mizalia gemini* Wunderlich, 2004*e* ..... Pa Baltic amber

217. *Mizalia rostrata* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

i. = *Mizalia pilosula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

218. *Mizalia spirembolus* Wunderlich, 2004*e* ..... Pa Baltic amber

Mizalia sp. *in* Wunderlich (2011*h*) ..... Pa Baltic/BItter. amber

***Oecobius* Lucas, 1846** ..... **?Cretaceous – Recent**

219. *Oecobius piliformis* Wunderlich, 1988 ..... Ne Dominican amber

?Oecobius sp. indet *in* Penney (2002) ..... K New Jersey amber

***Uroctea* Dufour, 1820** ..... **Palaeogene – Recent**

220. *Uroctea galloprovincialis* Gourret, 1887 ..... Pa Aix-en-Provence

† ***Zamilia* Wunderlich, 2008*d*** ..... **Cretaceous**

221. *Zamilia antecessor* Wunderlich, 2008*d* ..... K Myanmar amber

HERSILIIDAE Thorell, 1870*a* ..... **Cretaceous – Recent**

= CHALINUROIDAE Thorell, 1873

Hersiliidae sp. 1–3 *in* Wunderlich (2004*d*) ..... Pa Baltic amber

Hersiliidae sp. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

† ***Burmesiola* Wunderlich, 2011*i*** ..... **Cretaceous**

222. *Burmesiola cretacea* Wunderlich, 2011*i** ..... K Myanmar amber

† ***"Fictotama* Petrunkevitch, 1963 (*nomen dubium*)"** ..... **Neogene**

[Wunderlich 2011*f* placed a new species in this genus, which was previously considered a *nomen dubium*. He did not formally revalidate the genus]

223. *"Fictotama" maculosa* Wunderlich, 2011*g* ..... Ne Dominican amber

† ***Gerdia* Menge, 1869** ..... **Palaeogene**

224. *Gerdia myura* Menge, 1869* ..... Pa Baltic amber

† ***Gerdiopsis* Wunderlich, 2004*e*** ..... **Palaeogene**

225. *Gerdiopsis infrigens* Wunderlich, 2004*e** ..... Pa Baltic amber

† ***Gerdiorum* Wunderlich 2004*e*** ..... **Palaeogene**

226. *Gerdiorum inflexum* Wunderlich 2004*e** ..... Pa Baltic amber

***Hersilia* Audouin, 1826** ..... **Palaeogene – Recent**

= † *Hersiliopsis* Wunderlich, 2004*e*

227. *Hersilia aquisextana* Gourret, 1887 ..... Pa Aix-en-Provence

228. *Hersilia longipes* Giebel, 1856 ..... Pa Baltic amber

229. *Hersilia madagascarensis* (Wunderlich, 2004*e*) ..... Qt–R Madagas. copal

230. ?*Hersilia miranda* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Hersiliana*** **Wunderlich, 2004*e*** ..... **Quaternary – Recent**

231. *Hersiliana brevipes* Wunderlich, 2004*e** ..... Qt Madagascan copal

† ***Prototama*** **Petrunkevitch, 1971** ..... **Neogene**

= † *Priscotama* Petrunkevitch, 1971

232. *Prototama antiqua* (Petrunkevitch, 1971) ..... Ne Chiapas amber

233. *Prototama maior* (Wunderlich, 1988) ..... Ne Dominican amber

234. *Prototama media* (Wunderlich, 1988) ..... Ne Dominican amber

235. *Prototama minor* (Wunderlich, 1987) ..... Ne Dominican amber

236. *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**

237. *Burmascutum aenigma* Wunderlich, 2008*d** ..... K Myanmar amber

† **SALTICOIDIDAE Wunderlich, 2008*d*** ..... **Cretaceous**

† ***Salticoidus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

238. *Salticoidus kaddumiorum* Wunderlich, 2008*d** ..... K Jordanian amber

'CANOE TAPETUM' CLADE ..... **Triassic – Recent**

ORBICULARIAE Walckenaer, 1802 ..... **Triassic – Recent**

DEINOPOIDEA C. L. Koch, 1851 ..... **Cretaceous – Recent**

DEINOPIDAE C. L. Koch, 1851 ..... **Cretaceous – Recent**

Deinopis **MacLeay, 1839** ..... **Quaternary – Recent**

239. *Deinopis* ?*madagascariensis* Lenz, 1886 **[Recent]** ..... Qt Madagascar copal

Menneus **Simon, 1876*b*** ..... **Palaeogene – Recent**

240. ?*Menneus pietrzeniukae* Wunderlich, 2004*g* ..... Pa Baltic amber

?*Menneus* sp. 1–3 *in* Wunderlich (2004*g*) ..... Pa Baltic amber

† ***Palaeomicromennus*** **Penney, 2003*b*** ..... **Cretaceous**

241. *Palaeomicromenneus lebanensis* Penney, 2003*b** ..... K Lebanese amber

ULOBORIDAE Thorell, 1869 ..... **Cretaceous – Recent**

Uloboridae indet. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

† ***Burmuloborus*** **Wunderlich, 2008*d*** ..... **Cretaceous**

242. *Burmuloborus parvus* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Eomiagrammopes*** **Wunderlich, 2004*f*** ..... **Palaeogene**

243. *Eomiagrammopes maior* Wunderlich, 2004*f* ..... Pa Baltic amber

244. *Eomiagrammopes minor* Wunderlich, 2004*f* ..... Pa Baltic amber

245. *Eomiagrammopes semiapertus* Wunderlich, 2011*h* ..... Pa Baltic amber

246. *Eomiagrammopes singularis* Wunderlich, 2004*f** ..... Pa Baltic amber

247. *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**

248. *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

249. *Hyptiotes convexus* Wunderlich, 2004*f* ..... Pa Baltic amber

250. *Hyptiotes glaber* Wunderlich, 2004*f* ..... Pa Baltic amber

251. *Hyptiotes saetosus* Wunderlich, 2004*f* ..... Pa Baltic amber

252. *Hyptiotes stellatus* Wunderlich, 2004*f* ..... Pa Baltic amber

253. *Hyptiotes triqueter* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Jerseyuloborus* Wunderlich, 2011*i*** ..... **Cretaceous**

254. *Jerseyuloborus longisoma* Wunderlich, 2011*i** ..... K New Jersey amber

***Miagrammopes* O. P.-Cambridge, 1870** ..... **Neogene – Recent**

255. *Miagrammopes dominicanus* Wunderlich, 2004*e* ..... Ne Dominican amber

Miagrammopes sp. *in* Penney (2001) ..... Ne Dominican amber

Miagrammopes sp. *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

† ***Ocululoborus* Wunderlich, 2012*d*** ..... **Cretaceous**

256. *Ocululoborus curvatus* Wunderlich, 2012*d** ..... K Myanmar amber

† ***Opellianus* Wunderlich, 2004*f*** ..... **Palaeogene**

257. *Opellianus excellens* Wunderlich, 2004*f** ..... Pa Baltic amber

258. *Opellianus kazimierasi* Wunderlich 2004*f* ..... Pa Baltic amber

259. *Opellianus ludwigi* Wunderlich 2004*f* ..... Pa Baltic amber

† ***Palaeomiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

260. *Palaeomiagrammopes vesica* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Palaeouloborus* Selden, 1990** ..... **Cretaceous**

261. *Palaeouloborus lacasae* Selden, 1990* ..... K Sierra de Montsech

† ***Paramiagrammopes* Wunderlich, 2008*d*** ..... **Cretaceous**

262. *Paramiagrammopes cretaceus* Wunderlich, 2008*d** ..... K Myanmar amber

Paramiagrammopes sp. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Ulobomopes* Wunderlich, 2004*f*** ..... **Palaeogene**

263. *Ulobomopes unicus* Wunderlich, 2004*f** ..... Pa Baltic amber

ARANEOIDEA Latreille, 1806 ..... **Jurassic – Recent**

Araneoidea fam indet. *in* Wunderlich (2008*d*) ..... K Myanmar amber

† ***Mesarania* Hong, 1984** ..... **Jurassic**

264. *Mesarania hebeiensis* Hong, 1984* ..... J Hebei, China

CYATHOLIPIDAE Simon, 1894 ..... **Palaeogene – Recent**

= TEEMENAARIDAE Davies, 1978

† ***Balticolipus* Wunderlich, 2004*m*** ..... **Palaeogene**

265. *Balticolipus kruemmeri* Wunderlich, 2004*m** ..... Pa Baltic / Bitt. amber

† ***Cyathosuccinus* Wunderlich, 2004*m*** ..... **Palaeogene**

266. *Cyathosuccinus elongatus* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Erigolipus* Wunderlich, 2004*m*** ..... **Palaeogene**

267. *Erigolipus griswoldi* Wunderlich, 2004*m** ..... Pa Baltic amber

† ***Spinilipus* Wunderlich, 1993*b*** ..... **Palaeogene**

268. *Spinilipus bispinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

269. *Spinilipus curvatus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

270. *Spinilipus glinki* Wunderlich, 2004*m* ..... Pa Baltic amber

271. *Spinilipus kerneggeri* Wunderlich, 1993*b** ..... Pa Baltic amber

272. *Spinilipus longembolus* Wunderlich, 2004*m* ..... Pa Baltic amber

† ***Succinilipus* Wunderlich, 1993*b*** ..... **Palaeogene**

273. *Succinilipus abditus* Wunderlich, 2004*m* ..... Pa Baltic / Bitt. amber

274. *Succinilipus aspinosus* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

275. *Succinilipus saxoniensis* Wunderlich, 1993*b* ..... Pa Bitterfeld amber

276. *Succinilipus similis* Wunderlich, 2004*m* ..... Pa Bitterfeld amber

277. *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

278. *Acrometa clava* Wunderlich, 2004*n* ..... Pa Baltic amber

279. *Acrometa cristata* Petrunkevitch, 1942* ..... Pa NE Europe ambers

i. = *Theridiometa edwardsi* Petrunkevitch, 1942 ..... Pa Baltic amber

ii. = *Viocurus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber

280. *Acrometa eichmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

281. *Acrometa incidens* Wunderlich, 2004*n* ..... Pa Baltic amber

282. *Acrometa minutum* (Petrunkevitch, 1942) ..... Pa Baltic amber

283. *Acrometa pala* Wunderlich, 2004*n* ..... Pa Baltic amber

284. *Acrometa robusta* (Petrunkevitch, 1942) ..... Pa Baltic amber

285. *Acrometa pseudorobusta* Dunlop & Jekel, 2009 ..... Pa Baltic amber

i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]

286. *Acrometa samlandica* (Petrunkevitch, 1942) ..... Pa Baltic amber

287. *Acrometa setosus* (Petrunkevitch, 1942) ..... Pa Baltic amber

288. *Acrometa succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Anandrus* Menge, 1856** ..... **Palaeogene**

= † *Elucus* Petrunkevitch, 1942

289. *Anandrus inermis* (Petrunkevitch, 1942) ..... Pa Baltic amber

290. *Anandrus infelix* (Petrunkevitch, 1950)* ..... Pa Baltic amber
291. *Anandrus quaesitus* (Petrunkevitch, 1958) ..... Pa Baltic amber
292. *Anandrus redemptus* (Petrunkevitch, 1958) ..... Pa Baltic amber

† ***Chelicerinus* Wunderlich, 2008*a*** ..... **Palaeogene**

293. *Chelicerinus abnormis* Wunderlich, 2008*a* ..... Pa Bitterfeld amber

† ***Cornuanandrus* Wunderlich, 1986** ..... **Palaeogene**

294. *Cornuanandrus bifurcatus* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
295. *Cornuanandrus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
296. *Cornuanandrus corniculans* Wunderlich, 2004*n* ..... Pa Baltic amber
297. *Cornuanandrus maior* Wunderlich, 1986* ..... Pa Baltic amber
298. *Cornuanandrus minor* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Dubiosynotaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

299. *Dubiosynotaxus perfectus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Eosynotaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

300. *Eosynotaxus bispinosus* Wunderlich, 2004*n* ..... Pa Baltic amber
301. *Eosynotaxus bitterfeldensis* Wunderlich, 2004*n* ..... Pa Bitterfeld amber
302. *Eosynotaxus custodens* Wunderlich, 2004*n* ..... Pa Baltic amber
303. *Eosynotaxus fastigatus* Wunderlich, 2004*n* ..... Pa Baltic amber
304. *Eosynotaxus paucispina* Wunderlich, 2004*n* ..... Pa Baltic amber
305. *Eosynotaxus spinipes* Wunderlich, 2004*n* ..... Pa Baltic amber
306. *Eosynotaxus wegneri* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Gibbersynotaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

307. *Gibbersynotaxus parvus* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Protophysoglenes* Wunderlich, 2004*n*** ..... **Palaeogene**

308. *Protophysoglenes impressum* Wunderlich, 2004*n** ..... Pa Baltic amber

† ***Pseudoacrometa* Wunderlich, 1986** ..... **Palaeogene**

309. *Pseudoacrometa gracilipes* Wunderlich, 1986* ..... Pa Baltic amber
310. *Pseudoacrometa wittmanni* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Succinitaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

311. *Succinitaxus brevis* Wunderlich, 2004*n** ..... Pa Baltic, Bitterfeld & Rovno amber
312. ?*Succinitaxus minutus* Wunderlich, 2004*n* ..... Pa Baltic amber

† ***Sulcosynotaxus* Wunderlich, 2004*n*** ..... **Palaeogene**

313. *Sulcosynotaxus cavatus* Wunderlich, 2004*n** ..... Pa Baltic amber

NESTICIDAE Simon, 1894 ..... **Palaeogene – Recent**

† ***Balticonesticus* Wunderlich, 1986** ..... **Palaeogene**

314. *Balticonesticus flexuosus* Wunderlich, 1986* ..... Pa Baltic amber

***Eidmanella* Roewer, 1935** ..... **Quaternary**

315. *Eidmanella pallida* (Emerton, 1875) **[Recent]** ..... Qt Madagascar copal

† ***Eopopino* Petrunkevitch, 1942** ..... **Palaeogene**

316. *Eopopino budrysi* Eskov & Marusik, 1992 ..... Pa Baltic amber
317. *Eopopino inopinatus affinis* Wunderlich, 1986 ..... Pa Baltic amber
318. *Eopopino inopinatus inopinatus* Wunderlich, 1986 ..... Pa Baltic amber
319. *Eopopino longipes* Petrunkevitch, 1942* ..... Pa Baltic amber
320. *Eopopino palanga* Eskov & Marusik, 1992 ..... Pa Baltic amber
321. *Eopopino rarus rarus* Wunderlich, 1986 ..... Pa Baltic amber
322. *Eopopino rarus solitarius* Wunderlich, 1986 ..... Pa Baltic amber
323. *Eopopino rudloffi* Wunderlich, 2004*o* ..... Pa Bitterfeld amber

Eopopino sp. *in* Wunderlich (1986) ..... Pa Bitterfeld amber

† ***Heteronesticus* Wunderlich, 1986** ..... **Palaeogene**

324. *Heteronesticus magnoparacymbialis* Wunderlich, 1986* ..... Pa Baltic amber

† ***Hispanonesticus* Wunderlich, 1986** ..... **Neogene**

325. *Hispanonesticus latopalpus* Wunderlich, 1986* ..... Ne Dominican amber

THERIDIIDAE Sundevall, 1833 ..... **?Cretaceous – Recent**

= PHYCOIDAE Thorell, 1873
= EPISINIDAE O. P.-Cambridge, 1879*a*
= HADROTARSIDAE Thorell, 1881

?Theridiidae gen. et sp. indet *in* McAlpine & Martin (1969) ..... K Canadian amber

Theridiidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

***Achaearanea* Strand, 1929** ..... **Neogene – Recent**

326. *Achaearanea extincta* Wunderlich, 1988 ..... Ne Dominican amber

Achaearanea sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Argyrodes* Simon, 1864** ..... **Neogene – Recent**

327. *Argyrodes (Ariamnes) copalis* Wunderlich, 2008*b* ..... Qt Colombian copal
328. *Argyrodes (Ariamnes) resina* Wunderlich, 2011*f* ..... Qt Madagascar copal
329. *Argyrodes (Rhomphaea) gibbifera* Wunderlich, 2004*as* ..... Qt Madagascar copal
330. *Argyrodes parvipatellaris* Wunderlich, 1988 ..... Ne Dominican amber

Argyrodes sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Balticoridion* Wunderlich, 2008*b*** ..... **Palaeogene**

331. *Balticoridion dubium* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

† ***Balticpholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

332. *Balticpholcomma scutatum* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Caudasinus* Wunderlich, 2008*b*** ..... **Palaeogene**

333. *Caudasinus bispinosus* Wunderlich, 2008*b* ..... Pa Baltic amber
334. *Caudasinus caudatus* Wunderlich, 2008*b** ..... Pa Baltic amber
335. *Caudasinus regeneratus* Wunderlich, 2008*b* ..... Pa Baltic amber

Caudasinus sp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

***Chrosiothes* Simon, 1894** ..... **Neogene – Recent**

336. *Chrosiothes biconigerus* Wunderlich, 1988 ..... Ne Dominican amber
337. *Chrosiothes curvispinosus* Wunderlich, 1988 ..... Ne Dominican amber
338. *Chrosiothes emulgatus* Wunderlich, 1988 ..... Ne Dominican amber

339. *Chrosiothes longispinosus* Wunderlich, 1988 ..... Ne Dominican amber
340. *Chrosiothes monoceros* Wunderlich, 1988 ..... Ne Dominican amber
341. *Chrosiothes tumulus* Wunderlich, 1988 ..... Ne Dominican amber
342. *Chrosiothes unicornis* Wunderlich, 1988 ..... Ne Dominican amber

Chrysso* O. P.-Cambridge, 1882*a ..... **Neogene – Recent**

343. *Chrysso conspicua* Wunderlich, 1988 ..... Ne Dominican amber
344. *Chrysso dubia* Wunderlich, 1988 ..... Ne Dominican amber

† ***Clavibertus* Wunderlich, 2008*b*** ..... **Palaeogene**

345. *Clavibertus parvus* Wunderlich, 2008*b* ..... Pa Baltic amber
346. *Clavibertus prominens* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Clya* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

347. *Clya abdita* Wunderlich, 2008*b* ..... Pa Baltic amber
348. *Clya lugubris* C. L. Koch & Berendt, 1854* ..... Pa Baltic / Rovno amber
349. *Clya calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
350. *Clya gracilis* (Petrunkevitch, 1958) ..... Pa Baltic amber
351. *Clya granulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
352. *Clya obscura* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
353. *Clya rotata* Wunderlich, 2008*b* ..... Pa Baltic amber
354. *Clya supercalefacta* Wunderlich, 2008*b* ..... Pa Baltic amber
355. *Clya superspiralis* Wunderlich, 2008*b* ..... Pa Baltic amber
356. *Clya tricurvata* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Cornutidion* Wunderlich, 1988** ..... **Neogene**

357. *Cornutidion elongatum* Wunderlich, 1988* ..... Ne Dominican amber

***Craspedisia* Simon, 1894** ..... **Neogene – Recent**

358. *Craspedisia yapchoontecki* Penney & Marusik *in* Penney *et al*. (2012*b*) ..... Ne Dominican amber

† ***Cymbiopholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

359. *Cymbiopholcomma dudum* Wunderlich, 2008*b** ..... Pa Baltic amber
360. *Cymbiopholcomma spiculum* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Dipoenata* Wunderlich, 1988** ..... **Neogene**

361. *Dipoenata altioculata* Wunderlich, 1988 ..... Ne Dominican amber
362. *Dipoenata cala* Wunderlich, 1988 ..... Ne Dominican amber
363. *Dipoenata clypeata* Wunderlich, 1988 ..... Ne Dominican amber
364. *Dipoenata globulus* Wunderlich, 1988 ..... Ne Dominican amber
365. *Dipoenata praedominicana* (Wunderlich, 1986) ..... Qt Dominican copal
366. *Dipoenata stipes* Wunderlich, 1988* ..... Ne Dominican amber
367. *Dipoenata yolandae* Wunderlich, 1988 ..... Ne Dominican amber

Dipoenata sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Eoasagena* Wunderlich, 2008*b*** ..... **Palaeogene**

368. *Eoasagena scutata* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eolyrifer* Wunderlich, 2008*b*** ..... **Palaeogene**

369. *Eolyrifer longitibialis* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Eomysmena*** **Petrunkevitch, 1942** ..... **Palaeogene – Neogene**

= † *Antopia* Menge, 1854 [tentative synonomy]

= † *Astodipoena* Petrunkevitch, 1958

= † *Eodipoena* Petrunkevitch, 1942

370. *Eomysmena asta* Petrunkevitch, 1971 ..... Ne Chiapas amber

371. *Eomysmena aviceps* Wunderlich, 2008*b* ..... Pa Baltic amber

372. *Eomysmena calefacta* Wunderlich, 2008*b* ..... Pa Baltic amber

373. *Eomysmena crassa* (Petrunkevitch, 1958) ..... Pa Baltic amber

374. *Eomysmena baltica* Petrunkevitch, 1946 ..... Pa Baltic amber

375. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) ..... Pa Baltic amber

376. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) ..... Pa Baltic amber

377. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

378. *Eomysmena moritura* Petrunkevitch, 1942* ..... Pa Baltic amber

i. = *Eomysmena consulta* (Petrunkevitch, 1958)

[tentative synonomy] ..... Pa Baltic amber

379. *Eomysmena nielseni* (Petrunkevitch, 1958) ..... Pa Baltic amber

380. *Eomysmena oculata* (Petrunkevitch, 1942) ..... Pa Baltic amber

381. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

382. *Eomysmena recta* Wunderlich, 2008*b* ..... Pa Baltic amber

383. *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**

384. *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]

385. *Episinus anapidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber

386. *Episinus antecognatus* Wunderlich, 1986 ..... Qt Dominican copal

387. *Episinus appendix* Wunderlich, 2008*b* ..... Pa Baltic amber

388. *Episinus arrodens* Wunderlich, 2008*b* ..... Pa Baltic amber

389. *Episinus balticus* Marusik & Penney, 2004 ..... Pa Baltic / Bitt. amber

390. *Episinus brevipalpus* Wunderlich, 1988 ..... Ne Dominican amber

391. *Episinus bulla* Wunderlich, 2008*b* ..... Pa Baltic amber

392. *Episinus chiapasanus* (Petrunkevitch, 1971) ..... Ne Chiapas amber

393. *Episinus clunis* Wunderlich, 2008*b* ..... Pa Baltic amber

394. *Episinus cochlear* Wunderlich, 2008*b* ..... Pa Baltic amber

395. *Episinus cornutus* Wunderlich, 1988 ..... Ne Dominican amber

396. *Episinus cymbialis* Wunderlich, 2008*b* ..... Pa Baltic amber

397. *Episinus dimidius* Wunderlich, 2008*b* ..... Pa Baltic amber
398. *Episinus eskovi* Marusik & Penney, 2004 ..... Pa Baltic amber
399. *Episinus isopteraque* Wunderlich, 2008*b* ..... Pa Baltic amber
400. *Episinus latus* Wunderlich, 2008*b* ..... Pa Baltic amber
401. *Episinus longimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
    i. = *Malleator niger* Petrunkevitch, 1942 ..... Pa Baltic amber
402. *Episinus longisoma* Wunderlich, 2008*b* ..... Pa Baltic amber
403. *Episinus minutus* (Petrunkevitch, 1958) ..... Pa Baltic amber
404. *Episinus mordellidaeque* Wunderlich, 2008*b* ..... Pa Baltic amber
405. *Episinus musculus* Wunderlich, 2008*b* ..... Pa Baltic amber
406. *Episinus mutilus* (Petrunkevitch, 1958) ..... Pa Baltic amber
407. *Episinus nausticymbium* Wunderlich, 2008*b* ..... Pa Baltic amber
408. *Episinus neglectus* (Petrunkevitch, 1942) ..... Pa Baltic amber
409. *Episinus penneyi* Garcia-Villafuerte, 2006*a* ..... Ne Chiapas amber
410. *Episinus praecognatus* Wunderlich, 1982 ..... Ne Dominican amber
411. *Episinus pulcher* (Petrunkevitch, 1942) ..... Pa Baltic amber
412. *Episinus regalis* (Petrunkevitch, 1958) ..... Pa Baltic amber
413. *Episinus stridulus* (Petrunkevitch, 1958) ..... Pa Baltic amber
414. *Episinus tibiaseta* Wunderlich, 2011*g* ..... Ne Dominican amber
415. *Episinus transversus* Wunderlich, 2008*b* ..... Pa Baltic amber
416. *Episinus tuberosus* Wunderlich, 1988 ..... Ne Dominican amber
    Episinus spp. in Wunderlich (2008*b*) ..... Pa Baltic amber

***Euryopis* Menge, 1868** ..... **Palaeogene – Recent**

417. ?*Euryopis araneoides* Wunderlich, 2008*b* ..... Pa Baltic amber
418. *Euryopis bitterfeldensis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
419. *Euryopis nexus* Wunderlich, 2008*b* ..... Pa Baltic amber
420. *Euryopis streyi* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. Amber
    Euryopis/*Emertonella* complex *in* Penney *et al*. (2012*c*) ..... Qt Colombian copal

† ***Euryopus* Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

421. *Euryopus gracilipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Faiditus* Keyserling, 1884** ..... **Neogene – Recent**

422. *Faiditus crassipatellaris* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Femurraptor* Wunderlich, 2011*g*** ..... **Neogene**

423. *Femurraptor dominicanus* Wunderlich, 2011*g** ..... Ne Dominican amber

† ***Globulidion* Wunderlich, 2008*b*** ..... **Palaeogene**

424. *Globulidion cochlea* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Hirsutipalpus* Wunderlich, 2008*b*** ..... **Palaeogene**

425. *Hirsutipalpus varipes* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Kochiuridion* Wunderlich, 2008*b*** ..... **Palaeogene**

426. *Kochiuridion scutatum* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

***Lasaeola* Simon, 1881** ..... **Palaeogene – Recent**

= † *Nactodipoena* Petrunkevitch, 1942 [a subgenus *in* Wunderlich (2008*b*)]

427. *Lasaeola acumen* Wunderlich, 2008*b* ..... Pa Baltic amber
428. *Lasaeola baltica* (Marusik & Penney, 2004) ..... Pa Baltic amber
429. *Lasaeola bitterfeldensis* Wunderlich, 2008*b* ..... Pa Bitterfeld amber
430. *Lasaeola communis* Wunderlich, 2008*b* ..... Pa Baltic amber
431. *Lasaeola (Nactodipoena) dunbari* (Petrunkevitch, 1942) ..... Pa Baltic amber
432. ?*Lasaeola furca* Wunderlich, 2008*b* ..... Pa Baltic amber
433. *Lasaeola germanica* (Petrunkevitch, 1958) ..... Pa Baltic amber
434. *Lasaeola* (*Phycosoma*) *inclinata* Wunderlich, 2012*a* ..... Qt Madagascan copal
435. *Lasaeola infulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Bitt. Amber
436. *Lasaeola larvaque* Wunderlich, 2008*b* ..... Pa Baltic amber
437. *Lasaeola latisulci* Wunderlich, 2008*b* ..... Pa Baltic amber
438. *Lasaeola pristina* (Wunderlich, 1986) ..... Ne Dominican amber
439. *Lasaeola puta* Wunderlich, 1988 ..... Ne Dominican amber
440. *Lasaeola sexsaetosa* Wunderlich, 2008*b* ..... Pa Baltic amber
441. ?*Lasaeola sigillata* Wunderlich, 2008*b* ..... Pa Bitterfeld amber
442. *Lasaeola vicina* (Wunderlich, 1982) ..... Ne Dominican amber
443. *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**

444. *Medela baltica* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mimetidion* Wunderlich, 2008*b*** ..... **Palaeogene**

445. *Mimetidion furca* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Nanomysmena* Petrunkevitch, 1958** ..... **Palaeogene**

446. *Nanomysmena aculeata* Petrunkevitch, 1958 ..... Pa Baltic amber
447. *Nanomysmena munita* Petrunkevitch, 1958 ..... Pa Baltic amber
448. *Nanomysmena palanga* Marusik & Penney, 2004 ..... Pa Baltic amber
449. *Nanomysmena petrunkevitchi* Marusik & Penney, 2004 ..... Pa Baltic amber
450. *Nanomysmena pseudogracilis* Marusik & Penney, 2004 ..... Pa Baltic amber

† ***Nanosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

451. *Nanosteatoda breviscutum* Wunderlich, 2008*b* ..... Pa Baltic amber
452. *Nanosteatoda trisetae* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Obscuropholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

453. *Obscuropholcomma* sp. *in* Wunderlich (2012*b*) ..... Pa Rovno amber
454. *Obscuropholcomma tegens* Wunderlich, 2008*b** ..... Pa Baltic amber

***Phoroncidia* Westwood, 1835** ..... **Quaternary – Recent**

455. *Phoroncidia* ?*aculeata* Westwood, 1835 **[Recent]** ..... Qt Madagascan copal

***Platnickina* Koçak & Kemal, 2008** ..... **Quaternary – Recent**

456. *Platnickina duosetae* Wunderlich, 2012*a* ..... Qt Madagascan copal

† ***Praetereuryopis* Wunderlich, 2008*b*** ..... **Palaeogene**

457. *Praetereuryopis phoroncidoides* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Pronepos* Petrunkevitch, 1963** ..... **Neogene**

458. *Pronepos exilis* Petrunkevitch, 1963* ..... Ne Chiapas amber

459. *Pronepos fossilis* Petrunkevitch, 1963 ..... Ne Chiapas amber

† ***Protosteatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

460. *Protosteatoda gutta* Wunderlich, 2008*b* ..... Pa Baltic amber

† ***Pseudoteutana* Wunderlich, 2008*b*** ..... **Palaeogene**

461. *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**

462. *Rugopholcomma patellaris* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinisinus* Wunderlich, 2008*b*** ..... **Palaeogene**

463. *Spinisinus parvioculi* Wunderlich, 2008*b* ..... Pa Baltic amber

464. *Spinisinus splendidus* Wunderlich, 2008*b** ..... Pa Baltic amber

† ***Spinitharinus* Wunderlich, 2008*b*** ..... **Palaeogene**

465. *Spinitharinus bulbosus* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. amber

466. *Spinitharinus cheliceratus* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

467. *Spinitharinus coniectens* Wunderlich, 2008*b* ..... Pa Baltic amber

468. *Spinitharinus curvatus* Wunderlich, 2008*b* ..... Pa Baltic amber

469. *Spinitharinus cymbioseta* Wunderlich, 2008*b* ..... Pa Baltic amber

Spinitharinus spp. *in* Wunderlich (2008*b*) ..... Pa Baltic amber

***Spintharus* Hentz, 1850** ..... **Neogene – Recent**

470. *Spintharus longisoma* Wunderlich, 1988 ..... Ne Dominican amber

***Steatoda* Sundevall, 1833** ..... **?Palaeogene – Recent**

471. '*Steatoda*' *anticus* (Berland, 1939) ..... Pa Baltic amber

***Stemmops* O. P.-Cambridge, 1894** ..... **Neogene – Recent**

472. *Stemmops incertus* Wunderlich, 1988 ..... Ne Dominican amber

473. *Stemmops prominens* Wunderlich, 1988 ..... Ne Dominican amber

***Styposis* Simon, 1894** ..... **Neogene – Recent**

474. *Styposis pholcoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Succinobertus* Wunderlich, 2008*b*** ..... **Palaeogene**

475. *Succinobertus adjacens* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Succinura* Wunderlich, 2008*b*** ..... **Palaeogene**

476. *Succinura aciesaeta* Wunderlich, 2008*b* ..... Pa Baltic amber

477. *Succinura bellavista* Wunderlich, 2008*b** ..... Pa Baltic amber

478. *Succinura circuita* Wunderlich, 2008*b* ..... Pa Baltic amber

479. *Succinura dubia* Wunderlich, 2008*b* ..... Pa Baltic amber

480. *Succinura fuscoruber* Wunderlich, 2008*b* ..... Pa Baltic amber

481. *Succinura ovalis* Wunderlich, 2008*b* ..... Pa Baltic amber

Succinura sp. *in* Wunderlich (2008b) ..... Pa Baltic amber

***Theridion* Walckenaer, 1805** ..... **?Cretaceous – Recent**

482. '*Theridion*' *alutaceum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
483. *Theridion annulipes* Heer, 1865 ..... Ne Öhningen
484. *Theridion atalus* Chang, 2004 [both generic and familial assignment unreliable!] ..... K Jehol Biota
485. '*Theridion*' *berendti* Marusik & Penney, 2004 ..... Pa Baltic amber
    i. = *Theridion globosa* C. L. Koch & Berendt, 1854 [preoccupied]
486. *Theridion bucklandi* Thorell, 1870*a* ..... Pa Aix-en-Provence
487. *Theridion contrarium* Wunderlich, 1988 ..... Ne Dominican amber
488. *Theridion crassipalpum* Berland, 1939 ..... Pa Aix-en-Provence
489. '*Theridion*' *detersum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
490. *Theridion erectoides* Wunderlich, 1988 ..... Ne Dominican amber
491. *Theridion erectum* Wunderlich, 1988 ..... Ne Dominican amber
492. '*Theridion*' *globosus* (Presl, 1822) ..... Pa Baltic amber
493. *Theridion globulus* Heer, 1865 ..... Ne Öhningen
494. '*Theridion*' *hirtum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
495. *Theridion inversum* Wunderlich, 1988 ..... Ne Dominican amber
496. *Theridion maculipes* Heer, 1865 ..... Ne Öhningen
497. '*Theridion*' *oblongum* (Presl, 1822) ..... Pa Baltic amber
498. '*Theridion*' *ovale* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
499. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
500. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
501. *Theridion variosoma* Wunderlich, 1988 ..... Ne Dominican amber
502. *Theridion wunderlichi* Penney, 2001 ..... Ne Dominican amber
    i. = *Theridion ovale* Wunderlich, 1988 [preoccupied]

† ***Thyelia* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

503. *Thyelia anomala* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
504. *Thyelia convexa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
505. *Thyelia fossula* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
506. *Thyelia marginata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
507. *Thyelia pallida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
508. *Thyelia scotina* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
509. *Thyelia tristis* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber
510. *Thyelia villosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Ulesanis* L. Koch, 1872** ..... **Palaeogene – Recent**

511. *Ulesanis antecessor* Wunderlich, 2008*b* ..... Pa Baltic Amber
512. *Ulesanis frontprocera* Wunderlich, 2008*b* ..... Pa Baltic Amber
513. *Ulesanis longicymbium* Wunderlich, 2008*b* ..... Pa Baltic Amber
514. *Ulesanis ovalis* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber
515. *Ulesanis parva* Wunderlich, 2008*b* ..... Pa Baltic / Bitt. amber

† ***Unispinatoda* Wunderlich, 2008*b*** ..... **Palaeogene**

516. *Unispinatoda aculeata* Wunderlich, 2008*b** ..... Pa Baltic / Bitt. Amber

† ***Vicipholcomma* Wunderlich, 2008*b*** ..... **Palaeogene**

517. *Vicipholcomma spiralis* Wunderlich, 2008*b** ..... Pa Baltic Amber

Theridiidae *incertae sedis*

518. '*Eomysmena*' *succini* (Petrunkevitch, 1942) ..... Pa Baltic amber

519. *'Anelosimus' clypeatus* Wunderlich, 1988 ..... Ne Dominican amber

THERIDIOSOMATIDAE Simon, 1881 ..... **Cretaceous – Recent**

Theridiosomatidae gen. et sp. indet *in* Wunderlich (2004*i*) ..... Pa Baltic amber

Theridiosomatidae gen. et sp. indet *in* Wunderlich (2011*f*) ..... Qt Madagascar copal

† ***Eocoddingtonia* Selden, 2010** ..... **Cretaceous**

520. *Eocoddingtonia eskovi* Selden, 2010* ..... K Baissa, Transbaikalia

† ***Eoepeirotypus* Wunderlich, 2004*j*** ..... **Palaeogene**

521. *Eoepeirotypus retrobulbus* Wunderlich, 2004*j** ..... Pa Baltic amber

Eoepeirotypus sp. *in* Wunderlich (2004) ..... Pa Bitterfeld amber

† ***Eotheridiosoma* Wunderlich, 2004*j*** ..... **Palaeogene**

522. ?*Eotheridiosoma hamatum* Wunderlich, 2011*e* ..... Pa Baltic amber

523. *Eotheridiosoma tuber* Wunderlich, 2004*j** ..... Pa Bitterfeld amber

524. *Eotheridiosoma volutum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

† ***Hypotheridiosoma* Wunderlich, 2012*d*** ..... **Cretaceous**

525. *Hypotheridiosoma paracymbium* Wunderlich, 2012*d** ..... K Myanmar amber

† ***Leviunguis* Wunderlich, 2012*d*** ..... **Cretaceous**

526. *Leviunguis bruckschi* Wunderlich, 2012*d** ..... K Myanmar amber

† ***Palaeoepeirotypus* Wunderlich, 1988** ..... **Neogene**

527. *Palaeoepeirotypus iuvenis* Wunderlich, 1988* ..... Ne Dominican amber

528. *Palaeoepeirotypus iuvenoides* Wunderlich, 1988 ..... Ne Dominican amber

† ***Spinitheridiosoma* Wunderlich, 2004*j*** ..... **Palaeogene**

NB: type species designated from the wrong genus!

529. *Spinitheridiosoma balticum* Wunderlich, 2004*j* ..... Pa Baltic amber

530. *Spinitheridiosoma bispinosum* Wunderlich, 2004*j* ..... Pa Bitterfeld amber

531. *Spinitheridiosoma rima* Wunderlich, 2004*j* ..... Pa Baltic amber

Theridiosoma* O. P.-Cambridge, 1879*b ..... **Neogene – Recent**

532. *Theridiosoma incompletum* Wunderlich, 1988 ..... Ne Dominican amber

† ***Umerosoma* Wunderlich, *2004j*** ..... **Palaeogene**

533. *Umerosoma multispina* Wunderlich, 2004*j** ..... Pa Baltic amber

SYMPHYTOGNATHIDAE Hickman, 1931 ..... **Recent**

no fossil record

ANAPIDAE Simon, 1895 ..... **Palaeogene – Recent**

= TEXTRICELLIDAE Hickman, 1945

† ***Balticonopsis* Wunderlich, 2004*k*** ..... **Palaeogene**

534. *Balticonopsis bispina* Wunderlich, 2004*k* ..... Pa Baltic amber
535. *Balticonopsis bitterfeldensis* Wunderlich, 2004*k* ..... Pa Bitterfeld amber
536. *Balticonopsis bulbosa* Wunderlich, 2004*k* ..... Pa Baltic amber
537. *Balticonopsis ceranowiczae* Wunderlich, 2004*k* ..... Pa Baltic amber
538. *Balticonopsis holti* Wunderlich, 2004*k** ..... Pa Baltic amber
539. *Balticonopsis perkovskyi* Wunderlich, 2004*ar* ..... Pa Rovno amber
540. *Balticonopsis thomasi* Wunderlich, 2004*k* ..... Pa Baltic amber
Balticonopsis sp. *in* Wunderlich (2004*k*) ..... Pa Baltic amber

† ***Dubianapis* Wunderlich, 2004*k*** ..... **Palaeogene**

541. *Dubianapis obscura* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Flagellanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

542. *Flagellanapis voigti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Fossilanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

543. *Fossilanapis anderseri* Wunderlich, 2004*k* ..... Pa Baltic amber
544. *Fossilanapis baetcheri* Wunderlich, 2004*k** ..... Pa Baltic amber
545. *Fossilanapis eichmanni* Wunderlich, 2004*k* ..... Pa Baltic amber
546. *Fossilanapis flexiotarsus* Wunderlich, 2004*k* ..... Pa Baltic amber
547. *Fossilanapis multispinae* Wunderlich, 2011*h* ..... Pa Baltic amber
548. *Fossilanapis saltans* Wunderlich, 2004*k* ..... Pa Baltic amber
549. *Fossilanapis unispinum* Wunderlich, 2004*k* ..... Pa Baltic amber
Fossilanapis sp. *in* Wunderlich (2004*k*) ..... Pa Bitterfeld amber
Fossilanapis sp. *in* Wunderlich (2011*h*) ..... Pa Baltic amber

† ***Palaeoanapis* Wunderlich, 1988** ..... **Neogene**

550. *Palaeoanapis nana* Wunderlich, 1988* ..... Ne Dominican amber

† ***Ruganapis* Wunderlich, 2004*k*** ..... **Palaeogene**

551. *Ruganapis scutata* Wunderlich, 2004*k** ..... Pa Baltic amber

† ***Saxonanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

552. *Saxonanapis grabenhorsti* Wunderlich, 2004*k** ..... Pa Baltic/Bitt. Amber

† ***Tuberanapis* Wunderlich, 2004*k*** ..... **Palaeogene**

553. *Tuberanapis parvibulbus* Wunderlich, 2004*k** ..... Pa Baltic amber

COMAROMIDAE Wunderlich, 2004 [stat. nov. 2011] ..... **Palaeogene – Recent**

† ***Balticoroma* Wunderlich, 2004*k*** ..... **Palaeogene**

= † *Balticorma* [*sic*] Weitschat & Wichard, 2002 [*nomen nudum*]

554. *Balticoroma damzeni* Wunderlich, 2011*h* ..... Pa Baltic amber
555. *Balticoroma ernstorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber
556. *Balticoroma gracilipes* Wunderlich 2004*k* ..... Pa Baltic/Bitt. amber
557. *Balticoroma reschi* Wunderlich, 2004*k** ..... Pa Baltic amber
558. *Balticoroma serafinorum* Wunderlich, 2004*k* ..... Pa Baltic/Bitt. amber
559. *Balticoroma tibialis* Wunderlich, 2004*k* ..... Pa Baltic amber
560. *Balticoroma wheateri* Penney & Marusik, 2011 *in* Penney *et al* ..... Pa Baltic amber

MYSMENIDAE Petrunkevitch, 1928 ..... **Palaeogene – Recent**

Mysmeninae sp. *in* Wunderlich (2004*ar*) ..... Pa Rovno amber

† ***Dominicanopsis* Wunderlich, 2004*k*** ..... **Neogene**

561. *Dominicanopsis grimaldii* Wunderlich, 2004*k** ..... Ne Dominican amber

† ***Eomysmenopsis* Wunderlich, 2004*k*** ..... **Palaeogene**

562. *Eomysmenopsis spinipes* Wunderlich, 2004*k** ..... Pa Baltic / Bitt. Amber

***Mysmena* Simon, 1894** ..... **Palaeogene – Recent**

Mysmena (s. l.) sp. indet *in* Wunderlich (2012a) ..... Qt Madagascan copal

563. *Mysmena* (s.l.) *copalis* Wunderlich, 2011*f* ..... Qt Madagascan copal

564. *Mysmena curvata* Wunderlich, 2011*h* ..... Pa Baltic amber

565. *Mysmena dominicana* Wunderlich, 1998 ..... Qt Madagascan copal

566. *Mysmena fossilis* Petrunkevitch, 1971 ..... Ne Chiapas amber

567. *Mysmena groehni* Wunderlich, 2004*k* ..... Pa Baltic / Bitt. amber

568. *Mysmena grotae* Wunderlich, 2004*k* ..... Pa Baltic amber

Mysmenopsis* Simon, 1897*b ..... **Neogene – Recent**

569. *Mysmenopsis lissycoleyae* Penney, 2000 ..... Ne Dominican amber

† ***Palaeomysmena* Wunderlich, 2004*k*** ..... **Palaeogene**

570. *Palaeomysmena hoffeinsorum* Wunderlich, 2004*k** ..... Pa Baltic amber

† **BALTSUCCINIDAE Wunderlich, 2004*l*** ..... **Palaeogene**

† ***Baltsuccinus* Wunderlich, 2004*l*** ..... **Palaeogene**

571. *Baltsuccinus flagellaceus* Wunderlich, 2004*l** ..... Pa Baltic amber

572. *Baltsuccinus similis* Wunderlich, 2004*l* ..... Pa Baltic amber

† **PROTHERIDIIDAE Wunderlich, 2004*l*** ..... **Cretaceous – Palaeo.**

† ***Protheridion* Wunderlich, 2004*l*** ..... **Palaeogene**

573. *Protheridion bitterfeldensis* Wunderlich, 2004*l* ..... Pa Bitterfeld amber

574. *Protheridion detritus* Wunderlich, 2004*l* ..... Pa Baltic amber

575. *Protheridion obscurum* Wunderlich, 2004*l* ..... Pa Baltic amber

576. *Protheridion punctatum* Wunderlich, 2004*l* ..... Pa Baltic amber

577. *Protheridion tibialis* Wunderlich, 2004*l** ..... Pa Baltic amber

† ***Zarqaraneus* Wunderlich, 2008*d*** ..... **Cretaceous**

578. *Zarqaraneus hudae* Wunderlich, 2008*d** ..... K Jordanian amber

† **PRAETHERIDIIDAE Wunderlich, 2012*c*** ..... **Palaeogene**

† ***Praetheridion* Wunderlich, 2004*l*** ..... **Palaeogene**

579. *Praetheridion fleissneri* Wunderlich, 2004*l** ..... Pa Baltic amber

SYNAPHRIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

† ***Iardinidis* Wunderlich 2004*k*** ..... **Palaeogene**

580. *Iardinidis brevipes* Wunderlich, 2004*k** ..... Pa Baltic amber

PIMOIDAE Wunderlich, 1986 ..... **Palaeogene – Recent**

***Pimoa* Chamberlin & Ivie, 1943** ..... **Palaeogene – Recent**

581. *Pimoa expandens* Wunderlich, 2004*r* ..... Pa Baltic amber

582. *Pimoa (Eopimoa) hormigai* Wunderlich, 2004*r* ..... Pa Baltic amber

583. *Pimoa inopinata* Wunderlich, 2004*r* ..... Pa Baltic amber

584. *Pimoa liedtkei* Wunderlich, 2004*r* ..... Pa Baltic amber

585. *Pimoa lingua* Wunderlich, 2004*r* ..... Pa Baltic amber

586. *Pimoa (Eopimoa) longiscapus* Wunderlich, 2008*a* ..... Pa Baltic amber

587. *Pimoa multicuspuli* Wunderlich, 2004*r* ..... Pa Baltic amber

588. *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**

589. *Pumiliopimoa parma* Wunderlich, 2008*a** ..... Pa Baltic amber

SINOPIMOIDAE Li & Wunderlich, 2008 ..... **Recent**

no fossil record

LINYPHIIDAE Blackwall, 1859 ..... **Cretaceous – Recent**

= MICRYPHANTIDAE Bertkau, 1878*a*

= ERIGONIDAE Simon, 1884*c*

?Linyphiidae gen. et sp. indet *in* McAlpine & Martin (1969) ..... K Canadian amber

Linyphiidae gen. et sp. indet *in* Penney (2002) ..... K New Jersey amber

Linyphiidae gen. et sp. indet *in* Schmidt *et al*. (2010) ..... K Ethiopian amber

Linyphiinae gen. et sp. indet *in* Penney & Selden (2002) ..... K Lebanese amber

[NB: Wunderlich (2012*d*) questioned the veracity of these Cretaceous linyphiids.]

† ***Agynetiphantes* Wunderlich, 2004*s*** ..... **Palaeogene**

590. *Agynetiphantes gibbiferus* Wunderlich, 2004*s** ..... Pa Baltic amber

***Ceratinopsis* Emerton, 1882** ..... **Quaternary – Recent**

591. *Ceratinopsis deformans* (Wunderlich, 1998) ..... Qt Madagascan copal

Cnephalocotes* Simon, 1884*c ..... **Quaternary – Recent**

592. *Cnephalocotes obscurus* (Blackwall, 1834*b*) **[Recent]** ..... Qt England

† ***Custodela* Petrunkevitch, 1942** ..... **Palaeogene**

= † *Obnisus* Petrunkevitch, 1942 [tenative synonomy]

593. *Custodela acuta* Wunderlich, 2004*s* ..... Pa Baltic amber

594. *Custodela acutula* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

595. *Custodela bispina* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

596. *Custodela bispinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber

597. *Custodela cheiracantha* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

598. *Custodela clava* Wunderlich, 2004*s* ..... Pa Baltic amber
599. *Custodela curva* Wunderlich, 2004*s* ..... Pa Baltic amber
600. *Custodela curvata* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
601. *Custodela divergens* Wunderlich, 2004*s* ..... Pa Baltic amber
602. *Custodela expandens* Wunderlich, 2004*s* ..... Pa Baltic amber
603. *Custodela falcata* Wunderlich, 2004*s* ..... Pa Baltic amber
604. *Custodela femurspinosa* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
605. *Custodela henningseni* Wunderlich, 2004*s* ..... Pa Baltic amber
606. *Custodela kochi* Wunderlich, 2004*s* ..... Pa Baltic amber
607. *Custodela lamellata* (Wunderlich, 1988) ..... Pa Baltic amber
608. *Custodela lanx* Wunderlich, 2004*s* ..... Pa Baltic amber
609. *Custodela oblonga* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
610. *Custodela obtusa* Wunderlich, 2004*s* ..... Pa Baltic amber
611. ?*Custodela parva* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
612. *Custodela pseudokochi* Wunderlich, 2004*s* ..... Pa Baltic amber
613. *Custodela stridulans* Wunderlich, 2004*s* ..... Pa Bitterfeld amber
614. *Custodela tenuipes* (Petrunkevitch, 1942) ..... Pa Baltic amber
615. *Custodela tibialis* Wunderlich, 2004*s* ..... Pa Baltic amber
Custodela sp. *in* Wunderlich (2004*s*) ..... Pa Bitterfeld amber

† ***Custodelela* Wunderlich, 2004s** ..... **Palaeogene**

616. *Custodelela hamata* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

† ***Eolabulla* Wunderlich, 2004s** ..... **Palaeogene**

617. *Eolabulla falcata* Wunderlich, 2004*s* ..... Pa Baltic amber
618. *Eolabulla gladiformis* Wunderlich, 2004*s* ..... Pa Baltic amber
619. *Eolabulla laminata* Wunderlich, 2004*s** ..... Pa Baltic amber
620. *Eolabulla perforata* Wunderlich, 2004*s* ..... Pa Baltic amber
621. *Eolabulla sagitta* Wunderlich, 2004*s* ..... Pa Baltic amber
622. *Eolabulla similis* Wunderlich, 2004*s* ..... Pa Baltic amber
Eolabulla sp. 1–2 *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Eophantes* Wunderlich, 2004s** ..... **Palaeogene**

623. *Eophantes complicatus* Wunderlich, 2004*s** ..... Pa Baltic amber
624. ?*Eophantes seorsum* Wunderlich, 2012*c* ..... Pa Baltic amber

***Erigone* Audouin, 1826** ..... **Neogene – Recent**

Erigone sp. *in* Hopkins *et al*. (1976) ..... Qt Alaska
625. *Erigone atra* Blackwall, 1833 **[Recent]** ..... Qt England
626. ?*Erigone dechenii* Bertkau, 1878*b* ..... Ne Rott, Germany

***Floricomus* Crosby & Bishop, 1925** ..... **Neogene – Recent**

627. *Floricomus fossilis* Penney, 2005*c* ..... Ne Dominican amber

***Gonatium* Menge, 1868** ..... **Quaternary – Recent**

628. *Gonatium rubens* (Blackwall, 1833) **[Recent]** ..... Qt England

***Hypselistes* Simon, 1894** ..... **Quaternary – Recent**

629. *Hypselistes jacksoni* (O. P.-Cambridge, 1902) **[Recent]** ..... Qt England

Linyphia* Latreille, 1804*a ..... **Palaeogene – Recent**

630. *Linyphia andraei* Bertkau, 1878*b* ..... Ne Rott, Germany

631. *Linyphia byrami* Cockerell, 1925 ..... Pa Green River

632. *Linyphia florissanti* Petrunkevitch, 1922 ..... Pa Florissant

633. *Linyphia pachygnathoides* Petrunkevitch, 1922 ..... Pa Florissant

634. *Linyphia quievreuxi* Berland, 1939 ..... Pa Aix-en-Provence

635. *Linyphia retensa* Scudder, 1890*a* ..... Pa Florissant

636. *Linyphia rottensis* Bertkau, 1878*b* ..... Ne Rott, Germany

637. *Linyphia seclusa* (Scudder, 1890*a*) ..... Pa Florissant

† ***Madagascarphantes* Wunderlich, 2012*a*** ..... **Quaternary**

638. *Madagascarphantes vomerans* Wunderlich, 2012*a** ..... Qt Madagascan copal

† ***Malepellis* Petrunkevitch, 1971** ..... **Neogene**

639. *Malepellis extincta* Petrunkevitch, 1971* ..... Ne Chiapas amber

***Meioneta* Hull, 1920** ..... **Neogene – Recent**

640. *Meioneta bigibber* (Wunderlich, 1988) ..... Ne Dominican amber

641. *Meioneta fastigata* (Wunderlich, 1988) ..... Ne Dominican amber

642. *Meioneta separata* (Wunderlich, 1988) ..... Ne Dominican amber

Meioneta sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Micryphantes* C. L. Koch, 1833** ..... **Palaeogene**

643. *Micryphantes molybdinus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

644. *Micryphantes regularis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mystagogus* Petrunkevitch, 1942** ...[Wunderlich suggests possibly in Cyatholipidae] **Palaeogene**

645. *Mystagogus dubius* Petrunkevitch, 1958 ..... Pa Baltic amber

646. *Mystagogus glaber* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Paralabulla* Wunderlich, 2004*s*** ..... **Palaeogene**

647. *Paralabulla bitterfeldensis* Wunderlich, 2004*s** ..... Pa Bitterfeld amber

648. ?*Paralabulla dubia* Wunderlich, 2004*s* ..... Pa Baltic amber

649. *Paralabulla succinifera* Wunderlich, 2004*s* ..... Pa Baltic amber

Paralabulla sp. *in* Wunderlich (2004*s*, 2012*c*) ..... Pa Bitterfeld amber

Pocadicnemis* Simon, 1884*c ..... **Quaternary – Recent**

650. *Pocadicnemis pumila* (Blackwall, 1841) **[Recent]** ..... Qt England

***Savignia* Blackwall, 1833** ..... **Quaternary – Recent**

651. *Savignia frontata* Blackwall, 1833 **[Recent]** ..... Qt England

***Selenyphantes* Gertsch & Davis, 1946** ..... **Neogene – Recent**

= † *Palaeolinyphia* Wunderlich, 1986

652. *Selenyphantes flagellifera* (Wunderlich, 1986) ..... Ne Dominican amber

† ***Succineta* Wunderlich, 2004*s*** ..... **Palaeogene**

653. *Succineta brevispina* Wunderlich, 2004*s* ..... Pa Baltic amber

654. *Succineta discoidalis* Wunderlich, 2004*s** ..... Pa Baltic amber

Succineta sp. *in* Wunderlich (2004*s*) ..... Pa Baltic amber

† ***Succiphantes*** **Wunderlich, 2004*s*** ..... **Palaeogene**

655. *Succiphantes tanasevitchi* Wunderlich, 2004*s* ..... Pa Baltic amber

656. *Succiphantes velteni* Wunderlich, 2004*s** ..... Pa Baltic amber

Toschia **Caporiacco, 1949** ..... **Quaternary – Recent**

657. ?*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**

658. *Anameta distenda* Wunderlich, 2004*h** ..... Pa Bitterfeld amber

659. *Anameta kuntneri* Wunderlich, 2008*a* ..... Pa Baltic amber

Azilia **Keyserling, 1882** ..... **Neogene – Recent**

660. *Azilia hispaniolensis* Wunderlich, 1988 ..... Ne Dominican amber

i. = *Azilia muellenmeisteri* Wunderlich, 1988 ..... Ne Dominican amber

Azilia sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Balticgnatha*** **Wunderlich, 2011*h*** ..... **Palaeogene**

661. *Balticgnatha projectens* Wunderlich 2011*h** ..... Pa Baltic amber

† ***Baltleucauge*** **Wunderlich, 2008*a*** ..... **Palaeogene**

662. *Baltleucauge gillespiae* Wunderlich 2008*a** ..... Pa Baltic amber

663. *Baltleucauge propinqua* Wunderlich, 2012*c* ..... Pa Baltic amber

† ***Corneometa*** **Wunderlich, 2004*h*** ..... **Palaeogene**

664. *Corneometa baltica* Wunderlich 2004*h** ..... Pa Baltic amber

665. *Corneometa pilosipes* Wunderlich 2004*h* ..... Pa Baltic amber

Cyrtognatha **Keyserling, 1882** ..... **Neogene – Recent**

666. *Cyrtognatha weitschati* Wunderlich, 1988 ..... Ne Dominican amber

† ***Eometa*** **Petrunkevitch, 1958** ..... **Palaeogene**

667. *Eometa calefacta* Wunderlich, 2004*h* ..... Pa Baltic amber

668. *Eometa longipes* Petrunkevitch, 1958 ..... Pa Baltic amber

669. *Eometa occulta* Wunderlich, 2004*h* ..... Pa Baltic amber

670. *Eometa perfecta* Wunderlich, 2004*h* ..... Pa Baltic amber

671. *Eometa samlandica* Petrunkevitch, 1958* ..... Pa Baltic amber

Eometa sp. 1–2 *in* Wunderlich (2004*h*) ..... Pa Baltic amber

Homalometa **Simon, 1897*b*** ..... **Neogene – Recent**

672. *Homalometa fossilis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Huergina*** **Selden & Penney, 2003** ..... **Cretaceous**

673. *Huergina diazromerali* Selden & Penney, 2003* ..... K Las Hoyas, Spain

† ***Macryphantes*** **Selden, 1990** ..... **Cretaceous**

674. *Macryphantes cowdeni* Selden, 1990* ..... K Sierra de Montsech

Meta **C. L. Koch, 1836** ..... **Palaeogene – Recent**

675. *Meta (Praetermeta) maculosa* Wunderlich, 2008*a* ..... Pa Baltic amber

676. *Meta (Praetermeta) velans* (Wunderlich, 2004*h)* ..... Pa Baltic amber

† ***Palaeometa* Petrunkevitch, 1922** ..... **Palaeogene**

677. *Palaeometa opertanea* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Palaeopachygnatha* Petrunkevitch, 1922** ..... **Palaeogene**

678. *Palaeopachygnatha cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

679. *Palaeopachygnatha scudderi* Petrunkevitch, 1922* ..... Pa Florissant

† ***Priscometa* Petrunkevitch, 1958** ..... **Palaeogene**

680. *Priscometa capta* Wunderlich, 2004*h* ..... Pa Baltic amber

681. *Priscometa minor* Wunderlich, 2004*h* ..... Pa Baltic amber

682. *Priscometa tenuipes* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Samlandicmeta* Wunderlich, 2012*c*** ..... **Palaeogene**

683. *Samlandicmeta mutila* Wunderlich, 2012*c* ..... Pa Baltic amber

Tetragnatha* Latreille, 1804*a ..... **Palaeogene – Recent**

684. *Tetragnatha parva* (Hong, 1985) ..... Ne Shanwang

685. *Tetragnatha pristina* Schawaller, 1982*c* ..... Ne Dominican amber

686. *Tetragnatha tertiaria* Scudder, 1885 ..... Pa Florissant

NEPHILIDAE Simon, 1894 ..... **Jurassic – Recent**

Nephilidae indet. *in* Wunderlich (2012*c*) ..... Pa Baltic amber

† ***Cretaraneus* Selden, 1990** ..... **Cretaceous**

687. *Cretaraneus liaoningensis* Cheng, Meng & Wang *in* Cheng *et al*., 2008 ..... K Jehol biota

688. *Cretaraneus martensnetoi* Mesquita, 1996 ..... K Crato Formation

689. *Cretaraneus vilaltae* Selden, 1990* ..... K Sierra de Montsech

† ***Eonephila* Wunderlich, 2004*i*** ..... **Palaeogene**

690. *Eonephila bitterfeldensis* Wunderlich, 2004*i* ..... Pa Bitterfeld amber

691. *Eonephila excellens* Wunderlich, 2004*i** ..... Pa Baltic amber

692. *Eonephila longembolus* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Geratonephila* Poinar *in* Poinar & Buckley, 2012** ..... **Cretaceous**

693. *Geratonephila burmanica* Poinar *in* Poinar & Buckley, 2012* ..... K Myanmar amber

† ***Luxurionephila* Wunderlich, 2004*i*** ..... **Palaeogene**

694. *Luxurionephila spinifera* Wunderlich, 2004*i* ..... Pa Baltic amber

† ***Minutunguis* Wunderlich, 2011*f*** ..... **Quaternary**

695. *Minutunguis silvestris* Wunderlich, 2011*f* *..... Qt Madagascar copal

***Nephila* Leach, 1815** ..... **Jurassic – Recent**

696. *Nephila breviembolus* Wunderlich, 1986 ..... Ne Dominican amber

697. *Nephila dommeli* Wunderlich, 1982 ..... Ne Dominican amber

698. *Nephila furca* Wunderlich, 1986 ..... Ne Dominican amber

699. *Nephila longembolus* Wunderlich, 1986 ..... Ne Dominican amber

700. *Nephila jurassica* Selden, Shih & Ren, 2011 ..... J Daohugou

701. *Nephila pennatipes* Scudder, 1885 ..... Pa Florissant

702. *Nephila tenuis* Wunderlich, 1986 ..... Ne Dominican amber

Nephila sp. *in* Dunlop & Penney (2012) ..... K Crato Formation

† ***Palaeonephila* Wunderlich, 2004*i*** ..... **Palaeogene**

703. *Palaeonephila brevis* Wunderlich, 2004*i* ..... Pa Baltic amber

704. *Palaeonephila curvata* Wunderlich, 2004*i** ..... Pa Baltic amber

705. *Palaeonephila dilitans* Wunderlich, 2004*i* ..... Pa Baltic amber

706. *Palaeonephila fibula* Wunderlich, 2004*i* ..... Pa Baltic amber

707. *Palaeonephila longipes* Wunderlich, 2004*i* ..... Pa Baltic amber

† **JURARANEIDAE Eskov, 1984** ..... **Jurassic**

† ***Jurararaneus* Eskov, 1984** ..... **Jurassic**

708. *Jurararaneus rasnitsyni* Eskov, 1984 ..... J Transbaikalia

ARANEIDAE Simon, 1895 ..... **Cretaceous – Recent**

= EPEIRIDAE Sundevall, 1833 [based on a generic synonym]

= EUETRIIDAE Thorell, 1887 [based on a generic synonym]

= ARGIOPIDAE Simon, 1890

= ZYGIELLIDAE Simon, 1929

?Araneinae sp. *in* Wunderlich (2004*h*) ..... Pa Baltic amber

Araneidae gen. et sp. indet. *in* Ribera (2003) ..... Qt Girona, Spain

?Mangorini indet. *in* Wunderlich (2011*a*) ..... Pa Baltic amber

† ***Anepeira* Wunderlich, 2004*i*** ..... **Palaeogene**

709. *Anepeira complicata* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Araneometa* Wunderlich, 1988** ..... **Neogene**

710. *Araneometa excelsa* Wunderlich, 1988 ..... Ne Dominican amber

711. *Araneometa herrlingi* Wunderlich, 1988* ..... Ne Dominican amber

712. *Araneometa spirembolus* Wunderlich, 1988 ..... Ne Dominican amber

Araneometa sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Araneus* Clerck, 1757** ..... **?Cretaceous – Recent**

713. ?*Araneus* sp. *in* Wunderlich (2012*c*) ..... Pa Baltic amber

714. *Araneus absconditus* (Scudder, 1890*a*) ..... Pa Florissant

715. *Araneus aethus* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

716. *Araneus beipiaoensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota

717. *Araneus carbonaceous* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

718. *Araneus cinefactus* (Scudder, 1890*a*) ..... Pa Florissant

719. *Araneus defunctus* Petrunkevitch, 1958 ..... Pa Baltic amber

720. *Araneus delitus* (Scudder, 1890*a*) ..... Pa Florissant

721. *Araneus emertoni* (Scudder, 1890*a*) ..... Pa Florissant

722. *Araneus exustus* Petrunkevitch, 1963 ..... Ne Chiapas amber

723. *Araneus kinchloeae* Dunlop & Jekel, 2009 ..... Pa Florissant

i. = *Araneus indistinctus* (Petrunkevitch, 1922) [preoccupied]

724. *Araneus inelegans* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

725. *Araneus leptopodus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
726. *Araneus liaoxiensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota
727. *Araneus longimanus* (Petrunkevitch, 1922) ..... Pa Florissant
728. *Araneus (Calinurus) longipes* Dalman, 1826 ..... Qt Copal
729. *Araneus luianus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
730. *Araneus meeki* (Scudder, 1890*a*) ..... Pa Florissant
731. *Araneus molassicus* (Heer, 1865) ..... Ne Öhningen
732. *Araneus nanus* Wunderlich, 1988 ..... Ne Dominican amber
733. *Araneus piceus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang
734. *Araneus reheensis* Chang, 2004 [generic assignment unreliable!] ..... K Jehol biota
735. *Araneus ruidipedalis* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang
736. *Araneus troschelii* (Bertkau, 1878*b*) ..... Ne Rott, Germany
737. *Araneus vulcanalis* (Scudder, 1890*a*) ..... Pa Florissant

***Argiope* Audouin, 1826** ..... **Neogene – Recent**

= † *Magnaranea* Hong, 1985

738. *Argiope furva* (Hong, 1985) ..... Ne Shanwang

† ***Bararaneus* Wunderlich, 2004*i*** ..... **Palaeogene**

739. ?*Bararaneus annulatus* Wunderlich, 2004*i* ..... Pa Baltic amber
740. *Bararaneus evolvens* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Chrysometata* Wunderlich, 2004*h*** ..... **Palaeogene**

741. *Chrysometata palaearctica* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Cyclososoma* Petrunkevitch, 1958** ..... **Palaeogene**

742. *Cyclososoma succini* Petrunkevitch, 1958* ..... Pa Baltic amber

***Enacrosoma* Mello-Leitão, 1932** ..... **Neogene – Recent**

743. *Enacrosoma verrucosa* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eoaraneus* Wunderlich, 2004*i*** ..... **Palaeogene**

744. *Eoaraneus complexus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Eochorizopes* Wunderlich, 2008*a*** ..... **Palaeogene**

745. *Eochorizopes szeklinskiae* Wunderlich, 2008*a** ..... Pa Baltic amber

† ***Eozygiella* Wunderlich, 2004*h*** ..... **Palaeogene**

746. *Eozygiella compacta* Wunderlich, 2004*h** ..... Pa Baltic amber

† ***Fossilaraneus* Wunderlich, 1988** ..... **Neogene**

747. *Fossilaraneus incertus* Wunderlich, 1988* ..... Ne Dominican amber

***Gea* C. L. Koch, 1843a** ..... **Palaeogene – Recent**

748. *Gea krantzi* von Heyden, 1859 ..... Ne Rott, Germany

† ***Graea* Thorell, 1869** ..... **Palaeogene**

= † *Eustaloides* Petrunkevitch, 1942

749. ?*Graea aberrans* Wunderlich, 2004*h* ..... Pa Baltic amber
750. *Graea bitterfeldensis* Wunderlich, 2004*h* ..... Pa Bitterfeld amber
751. *Graea breviembolus* Wunderlich, 2004*h* ..... Pa Baltic amber
752. *Graea brevis* Wunderlich, 2004*h* ..... Pa Baltic amber

753. *Graea calceatus* (Petrunkevitch, 1950) ..... Pa Baltic amber
754. *Graea epeiroidea* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
755. *Graea impudica* Wunderlich, 2004*h* ..... Pa Baltic amber
756. *Graea lingula* Wunderlich, 2004*h* ..... Pa Baltic amber
757. *Graea magnocoli* Wunderlich, 2012*c* ..... Pa Baltic amber
758. *Graea minor* (Petrunkevitch, 1950) ..... Pa Baltic amber
759. *Graea setosa* (Petrunkevitch, 1942) ..... Pa Baltic amber
760. *Graea succini* Petrunkevitch, 1942 ..... Pa Baltic amber

***Hypognatha* Guérin, 1839** ..... **Quaternary – Recent**

761. *Hypognatha testudinaria* (Taczanowski, 1879) **[Recent]** ..... Qt Colombian copal

† ***Meditrina* Petrunkevitch, 1942** ..... **Palaeogene**

762. *Meditrina circumvallata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Mesozygiella* Penney & Ortuño, 2006** ..... **Cretaceous**

763. *Mesozygiella dunlopi* Penney & Ortuño, 2006* ..... K Álava amber

† ***Miraraneus* Wunderlich, 2004*i*** ..... **Palaeogene**

764. *Miraraneus peregrinus* Wunderlich, 2004*i** ..... Pa Baltic amber

† ***Mirometa* Petrunkevitch, 1963** ..... **Neogene**

765. *Mirometa valdespinosa* Petrunkevitch, 1963 ..... Ne Chiapas amber

***Molinaranea* Mello-Leitão, 1940** ..... **Neogene – Recent**

766. *Molinaranea mitnickii* Saupe, Selden & Penney, 2010 ..... Ne Dominican amber

† ***Pycnosinga* Wunderlich, 1988** ..... **Neogene**

767. *Pycnosinga fossilis* Wunderlich, 1988* ..... Ne Dominican amber

† ***Testudinaroides* Dunlop & Jekel, 2008** ..... **Neogene**

= † *Testudinaria* Zhang, Sun & Zhang, 1994 [preoccupied]

768. *Testudinaroides papposa* (Zhang, Sun & Zhang, 1994) ..... Ne Shanwang

† ***Tethneus* Scudder, 1885** ..... **Palaeogene**

= † *Melanites* Hong, 1985

769. *Tethneus guyoti* Scudder, 1890*a* ..... Pa Florissant
770. *Tethneus hentzi* Scudder, 1885* ..... Pa Florissant
771. *Tethneus obduratus* Scudder, 1890*a* ..... Pa Florissant
772. *Tethneus orbiculatus* (Hong, 1985) ..... Ne Shanwang
773. *Tethneus provectus* Scudder, 1890*a* ..... Pa Florissant
774. *Tethneus robustus* Petrunkevitch, 1922 ..... Pa Florissant
775. *Tethneus twenhofeli* Petrunkevitch, 1922 ..... Pa Florissant

***Zilla* C. L. Koch, 1834** ..... **Palaeogene – Recent**

776. *Zilla gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
777. *Zilla porrecta* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
778. *Zilla veterana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

RETROLATERAL TIBIAL APOPHYSIS CLADE ..... **Cretaceous – Recent**

?RTA-clade *in* Wunderlich (2008*d*) ..... K Myanmar amber

LYCOSOIDEA Sundevall, 1833 ..... **Cretaceous – Recent**

† ***Korearachne* Selden, Nam, Kim & Kim, 2012** ..... **Cretaceous**

779. *Korearachne jinju* Selden, Nam, Kim & Kim, 2012* ..... K Sacheon, S. Korea

[Tentative assignment to Lycosoidea; disputed by Wunderlich (2012*d*) who suggested it could be a haplogyne spider in Pholcoidea or Leptonetoidea]

LYCOSIDAE Sundevall, 1833 ..... **?Cretaceous – Recent**

Lycosidae gen. et sp. *in* Bottali (1975) ..... Qt Italy

Lycosidae gen. et sp. *in* Schawaller (1982*d*) ..... Ne Willershausen

Lycosidae gen. et sp. *in* Penney (2001) ..... Ne Dominican amber

Lycosidae gen. et sp. *in* Kim & Nam (2012) [unreliable record] ..... K Lioyuan, China

Alopecosa* Simon, 1885*b ..... **Quaternary – Recent**

780. *Alopecosa* ?*pulverulenta* (Clerck, 1757) **[Recent]** ..... Qt England

† ***Dryadia* Zhang, Sun & Zhang, 1994** ..... **Palaeogene**

781. *Dryadia acanthopoda* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

Lycosa* Latreille, 1804*a ..... **Palaeogene – Recent**

782. *Lycosa florissanti* Petrunkevitch, 1922 ..... Pa Florissant

783. *Lycosa lithographica* Schawaller & Ono, 1979 ..... Ne Randecker Maar

784. *Lycosa malleata* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

785. *Lycosa miocaena* Schawaller & Ono, 1979 ..... Ne Randecker Maar

786. *Lycosa subterranea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

***Pardosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

787. *Pardosa pullata* (Clerck, 1757) **[Recent]** ..... Qt England

Pardosa sp. *in* Scott (2003) ..... Qt England

***Pirata* Sundevall, 1833** ..... **Quaternary – Recent**

788. *Pirata* ?*piraticus* (Clerck, 1757) **[Recent]** ..... Qt England

***Trochosa* C. L. Koch, 1847** ..... **Quaternary – Recent**

789. *Trochosa terricola* Thorell, 1856 **[Recent]** ..... Qt England

† **PARATTIDAE Petrunkevitch, 1922** ..... **Palaeogene**

† ***Parattus* Petrunkevitch, 1922** ..... **Palaeogene**

790. *Parattus evocatus* (Scudder, 1890*a*) ..... Pa Florissant

791. *Parattus latitatus* (Scudder, 1890*a*) ..... Pa Florissant

792. *Parattus oculatus* Petrunkevitch, 1922 ..... Pa Florissant

793. *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**

794. *Eotrechalea annulata* Wunderlich, 2004*aa** ..... Pa Baltic amber

† ***Esuritor*** **Petrunkevitch, 1942** ..... **Palaeogene**

795. *Esuritor aculeatus* Petrunkevitch, 1958 ..... Pa Baltic amber

796. *Esuritor spinipes* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Linoptes*** **Menge, 1854** ..... **Palaeogene**

797. ?'*Linoptes*' *oculeus* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

NB: *Linoptes* mentioned as a *nomen nudum* by Wunderlich (2004*z*); this species listed by Wunderlich (2004*aa*) under Trechaleidae and another species under Pisauridae (see below)

PISAURIDAE Simon, 1890 ..... **Palaeogene – Recent**

= BRADYSTICHIDAE Simon, 1884

= DOLOMEDIDAE Simon, 1898*a*

= HALIDAE Jocqué, 1994

Pisauridae sp. *in* Wunderlich (1988) ..... Pa Dominican amber

Pisauridae sp. *in* Wunderlich (2004*z*) ..... Pa Baltic amber

Dolomedes **Latreille, 1804*a*** ..... **Quaternary – Recent**

798. *Dolomedes fimbriatus* (Clerck, 1757) **[Recent]** ..... Qt England

† '***Linoptes***' **Menge, 1854** ..... **Palaeogene**

= † *Eopisaurella* Petrunkevitch, 1958

NB: See notes on *Linoptes* under Trechaleidae above!

799. ?*'Linoptes' valdespinosa* (Petrunkevitch, 1958)* ..... Pa Baltic amber

?*'Linoptes'* sp. 1–8 *in* Wunderlich (2004*z*) ..... Pa Baltic amber

† *Palaeoperenethis* **Selden & Penney, 2009** ..... **Palaeogene**

800. *Palaeoperenethis thaleri* Selden & Penney, 2009* ..... Pa British Columbia

OXYOPIDAE Thorell, 1870a ..... **Palaeogene – Recent**

= SPHASIDAE O. P.-Cambridge, 1871

= HAMATALIVIDAE Marx, 1890*b*

Oxyopidae sp. *in* Wunderlich 2004*ab* ..... Pa Bitterfeld amber

Oxyopes **Latreille, 1804a** ..... **Palaeogene – Recent**

801. *Oxyopes defectus* Wunderlich, 1988 ..... Ne Dominican amber

802. '*Oxyopes*' *succini* Petrunkevitch, 1958 ..... Pa Baltic amber

Oxyopes sp. *in* Wunderlich (1988, 2004*ab*) ..... Ne Dominican amber

† ***Planoxyopes*** **Petrunkevitch, 1963** ..... **Neogene**

803. *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**

804. *Eomatachia barbarus* Wunderlich, 2004*x* ..... Pa Baltic amber
805. *Eomatachia bipartita* Wunderlich, 2004*x* ..... Pa Baltic amber
806. *Eomatachia divergens* Wunderlich, 2004*x* ..... Pa Baltic amber
807. *Eomatachia duplex* Wunderlich, 2004*x* ..... Pa Baltic amber
808. *Eomatachia latifrons* Petrunkevitch, 1942* ..... Pa Baltic amber
809. *Eomatachia recedens* Wunderlich, 2004*x* ..... Pa Baltic amber
810. *Eomatachia succini* (Petrunkevitch, 1942) ..... Pa Baltic amber
811. *Eomatachia wegneri* Wunderlich, 2004*x* ..... Pa Baltic amber
812. *Eomatachia xanthippe* Wunderlich, 2004*x* ..... Pa Baltic amber

† ***Eoprychia* Petrunkevitch, 1958** ..... **Palaeogene**

813. *Eoprychia succini* Petrunkevitch, 1958* ..... Pa Baltic amber
814. *Eoprychia succinopsis* Wunderlich, 2004*x* ..... Pa Baltic amber
815. *Eoprychia vicina* Wunderlich, 2004*x* ..... Pa Baltic amber

Eoprychia sp. *in* Wunderlich (2004*x*) ..... ?Pa not specified

† ***Succiniropsis* Wunderlich, 2004x** ..... **Palaeogene**

816. *Succiniropsis kutscheri* Wunderlich, 2004*x** ..... Pa Baltic / Bitt. Amber
817. *Succiniropsis runcinata* Wunderlich, 2012*c* ..... Pa Baltic amber
818. *Succiniropsis samlandica* Wunderlich, 2004*x* ..... Pa Baltic amber

† **INSECUTORIDAE Petrunkevitch, 1942** ..... **Palaeogene**

† ***Insecutor* Petrunkevitch, 1942** ..... **Palaeogene**

819. *Insecutor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber
820. *Insecutor mandibulatus* Petrunkevitch, 1942 ..... Pa Baltic amber
821. ?*Insecutor pecten* Wunderlich, 2004*y* ..... Pa Baltic amber
822. *Insecutor rufus* Petrunkevitch, 1942 ..... Pa Baltic amber
823. ?*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**

† ***Zorapostenus* Wunderlich, 2008*c*** ..... **Palaeogene**

824. *Zorapostenus raveni* Wunderlich, 2008*c* ..... Pa Baltic amber

† **SUCCINOMIDAE Wunderlich, 2012*c*** ..... **Palaeogene**

† ***Eohalinobius*** **Wunderlich, 2008*c*** ..... **Palaeogene**

825. *Eohalinobius calefactus* Wunderlich, 2012*c* ..... Pa Baltic amber

826. *Eohalinobius hiddenseeensis* Wunderlich, 2012*c* ..... Pa Baltic amber

827. *Eohalinobius patina* Wunderlich, 2012*c* ..... Pa Baltic amber

828. *Eohalinobius scutatus* Wunderlich, 2008*c** ..... Pa Baltic amber

† ***Succinomus*** **Wunderlich, 2008*c*** ..... **Palaeogene**

829. *Succinomus duomammillae* Wunderlich, 2008*c** ..... Pa Baltic amber

830. *?Succinomus gibbosus* Wunderlich, 2012*c* ..... Pa Baltic amber

CTENIDAE Keyserling, 1877 ..... **Neogene – Recent**

= ACANTHOCTENIDAE Simon, 1892*b*

† ***Nanoctenus*** **Wunderlich, 1988** ..... **Neogene**

831. *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**

832. *Agelena tabida* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

Histopona **Thorell, 1869** ..... **Palaeogene – Recent**

833. ?*Histopona anthracina* Bertkau, 1878*b* ..... Ne Rott, Germany

† ***Inceptor*** **Petrunkevitch, 1942** ..... **Palaeogene**

834. *Inceptor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

835. *Inceptor dubius* Petrunkevitch, 1946 ..... Pa Baltic amber

Tegenaria **Latreille, 1804a** ..... **Palaeogene – Recent**

836. ?*Tegenaria fragmentum* Wunderlich, 2004*w* ..... Pa Baltic amber

837. *Tegenaria lacazei* Gourret, 1887 ..... Pa Aix-en-Provence

838. ?*Tegenaria obtusa* Wunderlich, 2004*w* ..... Pa Baltic amber

839. *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**

840. *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**

841. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** ..... Qt England

842. ?*Argyroneta longipes* Heer, 1865 ..... Ne Öhningen

† ***Vectaraneus*** **Selden, 2001** ..... **Palaeogene**

843. *Vectaraneus yulei* Selden, 2001* ..... Pa Bembridge Marls

DESIDAE Pocock, 1895 ..... **Palaeogene – Recent**

***Myro* O. P.-Cambridge, 1876** ..... **Palaeogene – Recent**

844. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]..... Pa Baltic amber

845. *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**

846. *Cymbiohahnia parens* Wunderlich, 2004*v* ..... Pa Baltic, Bitterfeld & Rovno amber

† ***Eohahnia* Petrunkevitch, 1958** ..... **Palaeogene**

847. *Eohahnia succini* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Protohahnia* Wunderlich, 2004v** ..... **Palaeogene**

848. *Protohahnia antiqua* Wunderlich, 2004*v** ..... Pa Baltic amber

849. *Protohahnia tripartita* Wunderlich, 2004*v* ..... Pa Baltic amber

genus uncertain

850. '*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

Dictyninae indet *in* Wunderlich (2012*b*) ..... Pa Rovno amber

***Argenna* Thorell, 1870a** ..... **Neogene – Recent**

851. *Argenna fossilis* Petrunkevitch *in* Palmer, 1957 ..... Ne Mojave Desert

† ***Arthrodictyna* Petrunkevitch, 1942** ..... **Palaeogene**

852. *Arthrodictyna segmentata* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Balticocryphoeca* Wunderlich, 2004v** ..... **Palaeogene**

853. *Balticocryphoeca curvitarsis* Wunderlich, 2004*v** ..... Pa Baltic / Bitt. amber

† ***Brommellina* Wunderlich, 2004v** ..... **Palaeogene**

854. *Brommellina longungulae* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Burmadictyna* Wunderlich, 2008*d*** ..... **Cretaceous**

855. *Burmadictyna pecten* Wunderlich, 2008*d** ..... K Myanmar amber

† ***Chelicirrum*** **Wunderlich, 2004*v*** ..... **Palaeogene**

856. *Chelicirrum stridulans* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Cryphoezaga*** **Wunderlich, 2004*v*** ..... **Palaeogene**

857. *Cryphoezaga dubia* Wunderlich, 2004*v** ..... Pa Baltic amber

Dictyna **Sundevall, 1833** ..... **Quaternary – Recent**

858. *Dictyna rufa* Wunderlich, 2012*a* ..... Qt Madagascan copal

† ***Eobrommella*** **Wunderlich, 2004*v*** ..... **Palaeogene**

859. *Eobrommella scutata* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eocryphoeca*** **Petrunkevitch, 1946** ..... **Palaeogene**

860. *Eocryphoeca bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

861. *Eocryphoeca electrina* Wunderlich, 2004*v* ..... Pa Baltic amber

862. *Eocryphoeca falcata* Wunderlich, 2004*v* ..... Pa Baltic amber

863. *Eocryphoeca gibbifera* Wunderlich, 2004*v* ..... Pa Baltic amber

864. *Eocryphoeca gracilipes* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

865. *Eocryphoeca ligula* Wunderlich, 2004*v* ..... Pa Baltic amber

866. *Eocryphoeca mammilla* Wunderlich, 2004*v* ..... Pa Baltic amber

867. *Eocryphoeca splendens* Wunderlich, 2004*v* ..... Pa Baltic amber

Eocryphoeca sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Eocryphoecara*** **Wunderlich, 2004*v*** ..... **Palaeogene**

868. *Eocryphoecara abicera* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eodictyna*** **Wunderlich, 2004*v*** ..... **Palaeogene**

869. *Eodictyna communis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Eolathys*** **Petrunkevitch, 1950** ..... **Palaeogene**

870. *Eolathys debilis* Petrunkevitch, 1950 ..... Pa Baltic amber

871. *Eolathys succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Flagelldictyna*** **Wunderlich, 2012*a*** ..... **Quaternary**

872. *Flagelldictyna copalis* Wunderlich, 2012*a** ..... Qt Madagascar copal

† ***Gibbermastigusa*** **Wunderlich, 2004*v*** ..... **Palaeogene**

873. *Gibbermastigusa lateralis* Wunderlich, 2004*v** ..... Pa Baltic amber

† ***Hispaniolyna*** **Wunderlich, 1988** ..... **Neogene**

874. *Hispaniolyna hirsuta* Wunderlich, 1988 ..... Ne Dominican amber

875. *Hispaniolyna magna* Wunderlich, 1988* ..... Ne Dominican amber

† ***Mastigusa*** **Menge *in* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Eotetrilus* Wunderlich, 1982 [*nomen nudum*]

876. *Mastigusa acuminata* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

877. *Mastigusa arcuata* Wunderlich, 2004*v* ..... Pa Baltic amber

878. *Mastigusa bitterfeldensis* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

879. *Mastigusa laticymbium* Wunderlich, 2004*v* ..... Pa Baltic amber

880. *Mastigusa magnibulbus* Wunderlich, 2004*v* ..... Pa Bitterfeld amber

881. *Mastigusa media* Wunderlich, 1986 ..... Pa Baltic amber

882. *Mastigusa modesta* Wunderlich, 1986 ..... Pa Baltic amber

883. *Mastigusa scutata* Wunderlich, 2004*v* ..... Pa Baltic amber

Mastigusa sp. *in* Wunderlich (2004*v*) ..... Pa Baltic amber

† ***Mizagalla* Wunderlich, 2004*v*** ..... **Palaeogene**

884. *Mizagalla quattuor* Wunderlich, 2004*v** ..... Pa Baltic amber

885. *Mizagalla tuberculata* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Palaeodictyna* Wunderlich, 1988** ..... **Neogene**

886. *Palaeodictyna intermedia* Wunderlich, 1988 ..... Ne Dominican amber

887. *Palaeodictyna longispina* Wunderlich, 1988 ..... Ne Dominican amber

888. *Palaeodictyna singularis* Wunderlich, 1988 ..... Ne Dominican amber

889. *Palaeodictyna spiculum* Wunderlich, 1988 ..... Ne Dominican amber

890. *Palaeodictyna termitophila* Wunderlich, 1988* ..... Ne Dominican amber

891. *Palaeodictyna unispina* Wunderlich, 1988 ..... Ne Dominican amber

† ***Palaeolathys* Wunderlich, 1986** ..... **Neogene**

892. *Palaeolathys circumductus* Wunderlich, 1988 ..... Ne Dominican amber

893. *Palaeolathys copalis* Wunderlich, 1986 ..... Qt Dominican copal

894. *Palaeolathys quadruplex* Wunderlich, 1988 ..... Ne Dominican amber

895. *Palaeolathys similis* Wunderlich, 1988 ..... Ne Dominican amber

896. *Palaeolathys spinosa* Wunderlich, 1986* ..... Ne Dominican amber

Palaeolathys sp. *in* Wunderlich (1988) ..... Ne Dominican amber

† ***Protomastigusa* Wunderlich, 2004*v*** ..... **Palaeogene**

897. *Protomastigusa composita* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Scopulyna* Wunderlich, 2004*v*** ..... **Palaeogene**

898. *Scopulyna cursor* Wunderlich, 2004*v* ..... Pa Baltic amber

† ***Succinya* Wunderlich, 1988** ..... **Neogene**

899. *Succinya longembolus* Wunderlich, 1988 ..... Ne Dominican amber

900. *Succinya pulcher* Wunderlich, 1988* ..... Ne Dominican amber

901. *Succinya spinipalpus* Wunderlich, 1988 ..... Ne Dominican amber

Thallumetus* Simon, 1892*b ..... **Subrecent – Recent**

902. *Thallumetus copalis* Wunderlich, 2004*at* ..... Qt Colombian copal

AMAUROBIIDAE Thorell, 1870*a* ..... **Palaeogene – Recent**

= CINIFLONIDAE Blackwall, 1841

[partly also Dictynidae; based on a generic synonym]

Amaurobiinae sp. *in* Wunderlich (2004*u*) ..... Pa Baltic amber

PHYXELIDIDAE Lehtinen, 1967 ..... **Recent**

no fossil record

TITANOECIDAE Lehtinen, 1967 ..... **Quaternary – Recent**

† ***Copaldictyna* Wunderlich, 2004*v*** ..... **Quaternary**

Tentative transfer by Wunderlich (2012*a*)

903. *Copaldictyna madagascariensis* Wunderlich, 2004*v** ..... Qt Madagascan copal

NICODAMIDAE Simon, 1898 ..... **Recent**

= MEGADICTYNIDAE Lehtinen, 1967

no fossil record

TENGELLIDAE Dahl, 1908 ..... **Recent**

no fossil record

MITURGIDAE Simon, 1885*a* ..... **Neogene – Recent**

= CHEIRACANTHIDAE Wagner, 1887

***Strotarchus* Simon, 1888** ..... **Neogene – Recent**

= † *Mimeutychurus* Petrunkevitch, 1963 [tentative synonomy]

904. *Strotarchus heidti* Wunderlich, 1988 ..... Ne Dominican amber

905. *Strotarchus paradoxus* (Petrunkevitch, 1963) ..... Ne Chiapas amber

ANYPHAENIDAE Bertkau, 1878a ..... **Palaeogene – Recent**

= AMAUROBIOIDIDAE Hickman, 1949

***Anyphaena* Sundevall, 1833** ..... **Palaeogene – Recent**

906. '*Anyphaena*' *fuscata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Anyphaenoides* Berland, 1913** ..... **Neogene – Recent**

907. *Anyphaenoides bulla* (Wunderlich, 1988) ..... Ne Dominican amber

***Lupettiana* Brescovit, 1997** ..... **Neogene – Recent**

908. *Lupettiana ligula* (Wunderlich, 1988) ..... Ne Dominican amber

***Wulfila* O. P.-Cambridge, 1895** ..... **Neogene – Recent**

909. *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**

910. *Apostenus arnoldorum* Wunderlich, 2004*ag* ..... Pa Baltic amber

911. *Apostenus bigibber* Wunderlich, 2004*ag* ..... Pa Baltic / Bitt. amber

912. *Apostenus spinimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Donuea* Strand, 1932** ..... **Quaternary – Recent**

913. *Donuea collustrata* Bosselaers & Dierick, 2010 **[Recent]** ..... Qt – R Madagascar

† ***Palaeospinisoma* Wunderlich, 2004*ag*** ..... **Palaeogene**

914. *Palaeospinisoma femoralis* Wunderlich, 2004*ag** ..... Pa Baltic amber

CLUBIONOIDEA *incertae sedis*

Wunderlich (2011*d*) proposed removing almost all the amber fossils from the clubionids *sensu stricto*. We follow this in part for the two genera below, but would prefer a more formal treatment before accepting all these transfers. In general the delimitation of even modern clubionids, and related forms, is problematic.

† ***Concursator* Petrunkevitch, 1958** ..... **Palaeogene**

915. *Concursator nudipes* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Systariella* Wunderlich, 2004*af*** ..... **Palaeogene**

916. *Systariella magnioculi* Wunderlich, 2004*af** ..... Pa Baltic amber

CLUBIONIDAE Simon, 1895 ..... **Palaeogene – Recent**

Clubionidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

Clubiona* Latreille, 1804*a ..... **Palaeogene – Recent**

917. *Clubiona arcana* Scudder, 1890*a* ..... Pa Florissant

918. *Clubiona attenuata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

919. *Clubiona curvispinosa* Petrunkevitch, 1922 ..... Pa Florissant

920. *Clubiona florissanti* Petrunkevitch, 1922 ..... Pa Florissant

921. *Clubiona lanata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

922. *Clubiona microphthalma* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

923. *Clubiona pubescens* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

924. *Clubiona sericea* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

925. *Clubiona tomentosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Desultor* Petrunkevitch, 1942** ..... **Palaeogene**

926. *Desultor depressus* Petrunkevitch, 1942 ..... Pa Baltic amber

***Elaver* O. P.-Cambridge, 1898** ..... **Neogene – Recent**

927. *Elaver nutua* (Wunderlich, 1988) ..... Ne Dominican amber

† ***Eobumbatrix* Petrunkevitch, 1922** ..... **Palaeogene**

928. *Eobumbatrix latebrosa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eodoter* Petrunkevitch, 1958** ..... **Palaeogene**

929. *Eodoter eopala* Wunderlich, 2004*af* ..... Pa Baltic amber

930. *Eodoter lonimammillae* Wunderlich, 2012*c* ..... Pa Baltic amber

931. *Eodoter magnificus* Petrunkevitch, 1958* ..... Pa Baltic amber

932. *Eodoter scutatus* Wunderlich, 2011*d* ..... Pa Baltic amber

933. *?Eodoter tibialis* Wunderlich, 2011*d* ..... Pa Baltic amber

† ***Eostentatrix* Petrunkevitch, 1922** ..... **Palaeogene**

934. *Eostentatrix cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

935. *Eostentatrix ostentata* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Eoversatrix* Petrunkevitch, 1922** ..... **Palaeogene**

936. *Eoversatrix eversa* (Scudder, 1890*a*)* ..... Pa Florissant

† ***Machilla* Petrunkevitch, 1958** [family uncertain] ..... **Palaeogene**

937. *Machilla setosa* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Massula* Petrunkevitch, 1942** [family uncertain] ..... **Palaeogene**

938. *Massula klebsi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Prosocer* Petrunkevitch, 1963** ..... **Neogene**

939. *Prosocer mollis* Petrunkevitch, 1963* ..... Ne Chiapas amber

Clubionidae *incertae sedis*

† ***Chiapasona*** **Petrunkevitch, 1963** ..... **Neogene**

940. *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

941. *Ablator biguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

942. *Ablator curvatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

943. *Ablator deminuens* Wunderlich, 2004*ah* ..... Pa Baltic amber

944. *Ablator depressus* Wunderlich, 2004*ah* ..... Pa Baltic amber

945. *Ablator duomammillae* Wunderlich, 2004*ah* ..... Pa Baltic amber

946. *Ablator felix* (Petrunkevitch, 1958) ..... Pa Baltic amber

947. *Ablator inevolvens* Wunderlich, 2004*ah* ..... Pa Baltic amber

948. *Ablator longus* Wunderlich, 2004*ah* ..... Pa Baltic amber

949. *Ablator nonguttatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

950. *Ablator parvus* Wunderlich, 2004*ah* ..... Pa Baltic amber

951. *Ablator plumosus* (Petrunkevitch, 1950) ..... Pa Baltic amber

952. *Ablator robustus* Wunderlich, 2004*ah* ..... Pa Baltic amber

953. *Ablator scutatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

954. *Ablator splendens* Wunderlich, 2004*ah* ..... Pa Baltic amber

955. *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**

956. *Alterphrurolithus longipes* Wunderlich, 2004*ah* ..... Pa Baltic amber

Castianeira **Keyserling, 1880*b*** ..... **Neogene – Recent**

957. *Castianeira tenebricosa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Chemmisomma*** **Wunderlich, 1988** ..... **Neogene**

958. *Chemmisomma dubia* Wunderlich, 1988* ..... Ne Dominican amber

Corinna **C. L. Koch, 1842*a*** ..... **Neogene – Recent**

959. *Corinna flagelliformis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Cornucymbium*** **Wunderlich, 2004*ah*** ..... **Palaeogene**

960. *Cornucymbium insolens* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Cryptoplanus*** **Petrunkevitch, 1958** ..... **Palaeogene**

961. *Cryptoplanus bulbosus* Wunderlich, 2004*ah* ..... Pa Baltic amber

962. *Cryptoplanus complicatus* Wunderlich, 2004*ah* ..... Pa Baltic amber

963. *Cryptoplanus incidens* Wunderlich, 2004*ah* ..... Pa Baltic amber

964. *Cryptoplanus lanatus* (Petrunkevitch, 1958) ..... Pa Baltic amber

965. *Cryptoplanus paradoxus* Petrunkevitch, 1958* ..... Pa Baltic amber
966. *Cryptoplanus sericatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
967. *Cryptoplanus sinuosus* Wunderlich, 2004*ah* ..... Pa Baltic amber
Cryptoplanus sp. *in* Wunderlich (2004*ah*) ..... Pa Baltic amber

† ***Eomazax* Petrunkevitch, 1958** ..... **Palaeogene**
968. *Eomazax pulcher* Petrunkevitch, 1958* ..... Pa Baltic amber

Megalostrata* Karsch, 1880*a ..... **Neogene – Recent**
969. *Megalostrata grandis* Wunderlich, 1988 ..... Ne Dominican amber

† ***Myrmecorinna* Wunderlich, 2004*ah*** ..... **Palaeogene**
970. *Myrmecorinna gracilis* Wunderlich, 2004*ah** ..... Pa Baltic amber

† ***Palpiraptor* Wunderlich, 2011*f*** ..... **Quaternary**
971. *Palpiraptor myrmarachnoides* Wunderlich, 2011*f** ..... Qt Madagascar copal

Phrurolithus* C. L. Koch, 1839*b ..... **Palaeogene**
972. *Phrurolithus extinctus* Petrunkevitch, 1958 ..... Pa Baltic amber
973. *Phrurolithus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber
974. *Phrurolithus ipseni* Petrunkevitch, 1958 ..... Pa Baltic amber

† ***Protoorthobula* Wunderlich, 2004*ah*** ..... **Palaeogene**
975. *Protoorthobula bifida* Wunderlich, 2004*ah** ..... Pa Baltic amber
976. *Protoorthobula deelemani* Wunderlich, 2004*ah* ..... Pa Baltic / Bitt. amber

***Trachelas* L. Koch, 1872** ..... **Neogene**
977. *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**
978. *Adjutor deformis* Petrunkevitch, 1958 ..... Pa Baltic amber
979. *Adjutor mirabilis* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Admissor* Petrunkevitch, 1942** ..... **Palaeogene**
980. *Admissor aculeatus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Adorator* Petrunkevitch, 1942** ..... **Palaeogene**
981. *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
982. *Adorator samlandicus* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Angusdarion* Wunderlich, 2004*ae*** ..... **Palaeogene**
983. *Angusdarion humilis* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Anniculus* Petrunkevitch, 1942** ..... **Palaeogene**

984. *Anniculus balticus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eocydrele* Petrunkevitch, 1958** ..... **Palaeogene**

985. *Eocydrele mortua* Petrunkevitch, 1958* ..... Pa Baltic amber

† ***Propago* Petrunkevitch, 1963** ..... **Neogene**

986. *Propago debilis* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Spinizodarion* Wunderlich, 2004*ae*** ..... **Palaeogene**

987. *Spinizodarion ananulum* Wunderlich, 2004*ae** ..... Pa Baltic amber

† ***Zodariodamus* Wunderlich 2004*ae*** ..... **Palaeogene**

988. *Zodariodamus recurvatus* Wunderlich 2004*ae** ..... Pa Baltic amber

PENESTOMIDAE Simon, 1903 ..... **Recent**

no fossil record

† **EPHALMATORIDAE Petrunkevitch, 1950** ..... **Palaeogene**

† ***Ephalmator* Petrunkevitch, 1950** ..... **Palaeogene**

989. *Ephalmator bitterfeldensis* Wunderlich, 2004*ad* ..... Pa Bitterfeld amber

990. *Ephalmator calidus* Wunderlich, 2004*ad* ..... Pa Baltic amber

991. *Ephalmator debilis* Wunderlich, 2004*ad* ..... Pa Baltic amber

992. *Ephalmator distinctus* Wunderlich, 2004*ad* ..... Pa Baltic amber

993. *Ephalmator ellwangeri* Wunderlich, 2004*ad* ..... Pa Baltic amber

994. ?*Ephalmator eximius* Petrunkevitch, 1958 ..... Pa Baltic amber

995. *Ephalmator fossilis* Petrunkevitch, 1950* ..... Pa Baltic amber

996. *Ephalmator kerneggeri* Wunderlich, 2004*ad* ..... Pa Baltic amber

997. *Ephalmator petrunkevitchi* Wunderlich, 2004*ad* ..... Pa Baltic amber

998. *Ephalmator ruthildae* Wunderlich, 2004*ad* ..... Pa Baltic amber

999. *Ephalmator tredecim* Wunderlich, 2012*c* ..... Pa Baltic amber

1000. *Ephalmator trudis* Wunderlich, 2004*ad* ..... Pa Baltic amber

1001. *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**

1002. *Eotrochanteria kruegeri* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Sosybius* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

= † *Adamator* Petrunkevitch, 1942

= † *Adjunctor* Petrunkevitch, 1942

= † *Adulatrix* Petrunkevitch, 1942

1003. *Sosybius berendti* Wunderlich, 2004*am* ..... Pa Baltic amber

1004. *Sosybius decumana* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1005. *Sosybius falcatus* Wunderlich, 2004*am* ..... Pa Baltic amber

1006. *Sosybius fusca* (Petrunkevitch, 1942) ..... Pa Baltic amber

1007. *Sosybius kochi* Wunderlich, 2004*am* ..... Pa Baltic amber

1008. *Sosybius lateralis* Wunderlich, 2004*am* ..... Pa Baltic amber

1009. *Sosybius longipes* Wunderlich, 2004*am* ..... Pa Baltic amber

1010. *Sosybius major* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1011. *Sosybius minor* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

1012. *Sosybius mizgirisi* Wunderlich, 2004*am* ..... Pa Baltic amber

1013. *Sosybius parva* (Petrunkevitch, 1942) ..... Pa Baltic amber

1014. *Sosybius perniciosus* Wunderlich, 2004*am* ..... Pa Baltic amber

1015. *Sosybius rufa* (Petrunkevitch, 1942) ..... Pa Baltic amber

1016. *Sosybius similis* Petrunkevitch, 1942 ..... Pa Baltic amber

1017. *Sosybius succineus* (Petrunkevitch, 1942) ..... Pa Baltic amber

1018. *Sosybius tibialis* Wunderlich, 2004*am* ..... Pa Baltic amber

1019. *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]

1020. *Thereola petiolata* (C. L. Koch & Berendt, 1854)* [♀ = ?*Dasuminia* sp. according to Wunderlich 2004*b*] ..... Pa Baltic amber

1021. *Thereola pubescens* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Trochanteridromulus* Wunderlich, 2004*am*** ..... **Palaeogene**

1022. *Trochanteridromulus glabripes* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Trochanteridromus* Wunderlich, 2004*am*** ..... **Palaeogene**

1023. *Trochanteridromus scutatus* Wunderlich, 2004*am** ..... Pa Baltic amber

† ***Veterator* Petrunkevitch, 1963** ..... **Neogene**

1024. *Veterator angustus* Wunderlich, 1988 ..... Ne Dominican amber

1025. *Veterator ascutum* Wunderlich, 1988 ..... Ne Dominican amber

1026. *Veterator extinctus* Petrunkevitch, 1963* ..... Ne Chiapas amber
1027. *Veterator incompletus* Wunderlich, 1982 ..... Ne Dominican amber
1028. *Veterator longipes* Wunderlich, 1988 ..... Ne Dominican amber
1029. *Veterator loricatus* Wunderlich, 1988 ..... Ne Dominican amber
1030. *Veterator porrectus* Wunderlich, 1988 ..... Ne Dominican amber
1031. *Veterator viduus* Wunderlich, 1988 ..... Ne Dominican amber
Veterator sp. 1–2 *in* Wunderlich (1988) ..... Ne Dominican amber

LAMPONIDAE Simon, 1893 ..... **Recent**

no fossil record

PRODIDOMIDAE Simon, 1884*a* ..... **Quaternary – Recent**

= MILTIIDAE Thorell, 1873 [based on a generic synonym]

***Prodidomus* Hentz, 1847** ..... **Quaternary – Recent**

1032. *Prodidomus madagascariensis* Wunderlich, 2011*c* ..... Qt Madagascar copal

GNAPHOSIDAE Pocock, 1898 ..... **?Cretaceous – Recent**

= DRASSIDAE Sundevall, 1833 [based on a generic synonym]

† ***Captrix* Petrunkevitch, 1942** ..... **Palaeogene**

1033. *Captrix lineata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

***Drassodes* Westring, 1851** ..... **Palaeogene – Recent**

1034. *Drassodes cupreus* (Blackwall, 1834*a*) **[Recent]** ..... Qt England
1035. ?*Drassodes femurus* Lin, Zhang & Wang, 1989 ..... Ne Shanwang
1036. ?*Drassodes sextii* Berland, 1939 ..... Pa Aix-en-Provence

† ***Drassyllinus* Wunderlich, 1988** ..... **Neogene**

1037. *Drassyllinus aliter* Wunderlich, 1988* ..... Ne Dominican amber

† ***Eognaphosops* Wunderlich, 2011*b*** ..... **Palaeogene**

1038. *Eognaphosops cryptoplanoides* Wunderlich 2011*b** ..... Pa Baltic amber

† ***Eomactator* Petrunkevitch, 1958** ..... **Palaeogene**

1039. *Eomactator hamatus* Wunderlich, 2011*b* ..... Pa Baltic amber
1040. *Eomactator hirsutipes* Wunderlich, 2011*b* ..... Pa Baltic amber
1041. *Eomactator mactatus* Petrunkevitch, 1958* ..... Pa Baltic amber
1042. *Eomactator obscurior* Wunderlich, 2011*b* ..... Pa Baltic amber

***Gnaphosa* Latreille, 1804a** ..... **?Cretaceous – Recent**

1043. *Gnaphosa affinis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
i. = *Philodromus dubius* C. L. Koch & Berendt, 1854
1044. *Gnaphosa ambigua* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1045. *Gnaphosa liaoningensis* Chang, 2004
[generic assignment unreliable!] ..... K Jehol biota

***Micaria* Westring, 1851** ..... **Palaeogene – Recent**

1046. *Micaria procera* C. L. Koch & Berendt, 1954 ..... Pa Baltic amber
1047. *Micaria tenella* Heer, 1865 ..... Ne Öhningen

† ***Palaeodrassus*** **Petrunkevitch, 1922** ..... **Palaeogene**

1048. *Palaeodrassus cockerelli* Petrunkevitch, 1922 ..... Pa Florissant

1049. *Palaeodrassus florissanti* Petrunkevitch, 1922 ..... Pa Florissant

1050. *Palaeodrassus hesternus* (Scudder, 1890*a*) ..... Pa Florissant

1051. *Palaeodrassus ingenuus* (Scudder, 1890*a*)* ..... Pa Florissant

1052. *Palaeodrassus interitus* (Scudder, 1890*a*) ..... Pa Florissant

Scopoides **Platnick, 1989** ..... **Palaeogene – Recent**

Scopoides dominicanus Wunderlich, 2011*g* ..... Ne Dominican amber

Zelotes **Gistel, 1848** ..... **Palaeogene**

1053. *Zelotes concinna* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

1054. *Zelotes mundula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Melanophora nobilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1055. *Zelotes regalis* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Zelotetis*** **Wunderlich, 2011*b*** ..... **Palaeogene**

1056. *Zelotetis calefacta* Wunderlich, 2011*b* ..... Pa Baltic amber

SELENOPIDAE Simon, 1897a ..... **Palaeogene – Recent**

† ***Garcorops*** **Corronca, 2003** ..... **Quaternary – Recent**

1057. *Garcorops jadis* Bosselaers, 2004 ..... Qt Madagascar copal

i. = *?Anyphops cortex* Wunderlich, 2004*as* ..... Qt Madagascar copal

Selenops **Latreille, 1819** ..... **Palaeogene – Recent**

1058. *Selenops benoiti* Wunderlich, 2004*as* ..... Qt Madagascar copal

1059. *Selenops beynai* Schawaller, 1984 ..... Ne Dominican amber

1060. *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**

1061. *Caduceator minutus* Petrunkevitch, 1942* ..... Pa Baltic amber

1062. *Caduceator quadrimaculatus* Petrunkevitch, 1950 ..... Pa Baltic amber

† ***Collacteus*** **Petrunkevitch, 1942** ..... **Palaeogene**

1063. *Collacteus captivus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Eostaianus*** **Petrunkevitch, 1950** ..... **Palaeogene**

1064. *Eostaianus succini* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Eostasina*** **Petrunkevitch, 1942** ..... **Palaeogene**

1065. *Eostasina aculeata* Petrunkevitch, 1942* ..... Pa Baltic amber

***Eusparassus* Simon 1903** ..... **Palaeogene – Recent**

1066. *Eusparassus crassipes* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

Heteropoda* Latreille, 1804*a ..... **Palaeogene – Recent**

= † *Retina* Hong, 1985

1067. *Heteropoda rpbusta* [*sic*] (Hong, 1985) ..... Ne Shanwang

[NB: as '*H. robusta*' this would be a junior homonym of a living species.]

***Pseudosparianthis* Simon, 1887** ..... **Neogene – Recent**

1068. *Pseudosparianthis pfeifferi* (Wunderlich, 1988) ..... Ne Dominican amber

***Zachria* L. Koch, 1875** ..... **Palaeogene – Recent**

[NB: An Australian genus; Wunderlich (2012*c*) regarded at least *Z. desiderablis* as gen. indet.]

1069. *Zachria desiderabilis* Petrunkevitch, 1950 ..... Pa Baltic amber

1070. *Zachria peculiata* Petrunkevitch, 1946 ..... Pa Baltic amber

1071. *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**

1072. *Cretadromus liaoningensis* Cheng, Shen & Gao, 2009 ..... K Liaoning Province

[NB: Wunderlich (2012*d*) suggested this could be a Theridosomatidae]

† ***Eothanatus* Petrunkevitch, 1950** ..... **Palaeogene – Recent**

1073. *Eothanatus diritatis* Petrunkevitch, 1950* ..... Pa Baltic amber

THOMISIDAE Sundevall, 1833 ..... **Palaeogene – Recent**

= APHANTOCHILIDAE Thorell, 1873

= MISUMENIDAE Thorell, 1887

= STIPHROPODIDAE Simon, 1895

= XYSTICIDAE Dahl, 1912

= BORBOROPACTIDAE Wunderlich, 2004*ao*

Thomisidae gen. et sp. *in* Nishikawa (1974) ..... Qt Mizunami copal

Thomisidae gen. et sp. *in* Bottali (1975) ..... Qt Italy

Thomisidae gen. et sp. *in* Schawaller (1982*d*) ..... Ne Willershausen

Thomisidae gen. et sp. *in* Wunderlich (1988) ..... Ne Dominican amber

Thomisidae gen. et sp. 1–2 *in* Wunderlich (2004*ap*) ..... Pa Baltic amber

Thomisidae gen. et sp. *in* Garciá-Villafuerte (2006*b*) ..... Ne Chiapas amber

Coriarachne* Thorell, 1870*b ..... **Quaternary – Recent**

Coriarachne sp. *in* Cutler (1970) ..... Qt Wyoming

† ***Ecotona* Lin, Zhang & Wang, 1989 [*ex* Araneidae]** ..... **Neogene**

1074. *Ecotona brunnea* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1075. *Ecotona pilulifera* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1076. *Ecotona transipeda* Lin, Zhang & Wang, 1989* ..... Ne Shanwang

† ***Facundia* Petrunkevitch, 1942** ..... **Palaeogene**

1077. *Facundia clara* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Fiducia* Petrunkevitch, 1950** ..... **Palaeogene**

1078. *Fiducia tenuipes* Petrunkevitch, 1950* ..... Pa Baltic amber

† ***Filiolella* Petrunkevitch, 1955*a*** ..... **Palaeogene**

= † *Filiola* Petrunkevitch, 1942 [preoccupied]

1079. *Filiolella argentata* (Petrunkevitch, 1942)* ..... Pa Baltic amber

† ***Heterotmarus* Wunderlich, 1988** ..... **Neogene**

1080. *Heterotmarus altus* Wunderlich, 1988* ..... Ne Dominican amber

† ***Komisumena* Ono, 1981** ..... **Neogene**

1081. *Komisumena rosae* Ono, 1981* ..... Ne Dominican amber

† ***Miothomisus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1082. *Miothomisus subnudus* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

1083. *Miothomisus sylvaticus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

Misumena* Latreille, 1804*a ..... **Palaeogene – Recent**

1084. *Misumena samlandica* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Palaeoxysticus* Wunderlich, 1985** ..... **Neogene**

1085. *Palaeoxysticus extinctus* Wunderlich, 1985 ..... Ne Randecker Maar

† ***Parvulus* Zhang, Sun & Zhang, 1994** ..... **Neogene**

1086. *Parvulus latissimus* Zhang, Sun & Zhang, 1994* ..... Ne Shanwang

† ***Succinaenigma* Wunderlich, 2004*ap*** ..... **Palaeogene**

1087. *Succinaenigma raptor* Wunderlich, 2004*ap** ..... Pa Baltic amber

† ***Succiniraptor* Wunderlich, 2004*ao*** ..... **Palaeogene**

1088. *Succiniraptor radiatus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

i. = *Succiniraptor paradoxus* Wunderlich, 2004*ao** ..... Pa Baltic amber

***Synema* Simon, 1864** ..... **Palaeogene – Recent**

1089. *Synema enigmaticum* Berland, 1939 ..... Pa Aix-en-Provence

† ***Syphax* C. L. Koch & Berendt, 1854** ..... **Palaeogene**

1090. *Syphax asper* Petrunkevitch, 1950 ..... Pa Baltic amber

1091. *Syphax crassipes* Petrunkevitch, 1942 ..... Pa Baltic amber

1092. *Syphax fuliginosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1093. *Syphax gracilis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1094. *Syphax megacephalus* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

1095. *Syphax thoracicus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Thomisiraptor* Wunderlich, 2004ap** ..... **Palaeogene**

1096. *Thomisiraptor liedtkei* Wunderlich, 2004*ap** ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** ..... **Palaeogene – Recent**

1097. *Thomisus defossus* Scudder, 1890*a* ..... Pa Florissant

1098. *Thomisus disjunctus* Scudder, 1890*a* ..... Pa Florissant

1099. *Thomisus lividus* Heer, 1865 ..... Ne Öhningen

1100. *Thomisus resutus* Scudder, 1890*a* ..... Pa Florissant

1101. *Thomisus sulzeri* Heer, 1865 ..... Ne Öhningen

***Xysticus* C. L. Koch, 1835** ..... **Palaeogene – Recent**

1102. ?*Xysticus annulipes* Bertkau, 1878*b* ..... Ne Rott, Germany

1103. *Xysticus archaeopalpus* Leech & Matthews, 1971 ..... Ne Alaska

1104. *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**

1105. *Almolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Bitterfeld amber

1106. *Almolinus clarus* Petrunkevitch, 1958* ..... Pa Baltic amber

1107. *Almolinus ligula* Wunderlich, 2004*aq* ..... Pa Baltic amber

?*Almolinus* sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

† ***Attoides* Brongniart, 1877** ..... **Palaeogene**

1108. *Attoides eresiformis* Brongniart, 1877 ..... Pa Aix-en-Provence

† ***Calilinus* Wunderlich, 2004*aq*** ..... **Palaeogene**

1109. *Calilinus fleissneri* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Cenattus* Petrunkevitch, 1942** ..... **Palaeogene**

1110. *Cenattus exophthalmicus* Petrunkevitch, 1942* ..... Pa Baltic amber

***Corythalia* C. L. Koch, 1851** ..... **Neogene – Recent**

1111. *Corythalia ocululiter* Wunderlich, 1988 ..... Ne Dominican amber

1112. *Corythalia pilosa* Wunderlich, 1982 ..... Ne Dominican amber

1113. *Corythalia scissa* Wunderlich, 1988 ..... Ne Dominican amber

† ***Descangeles* Wunderlich, 1988** ..... **Neogene**

1114. *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**

1115. *Distanilinus filum* Wunderlich, 2004*aq* ..... Pa Baltic amber

1116. *Distanilinus nutus* Wunderlich, 2004*aq** ..... Pa Baltic amber

1117. *Distanilinus paranutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1118. *Distanilinus pernutus* Wunderlich, 2004*aq* ..... Pa Baltic amber

† ***Eoattopsis* Gourret, 1887** ..... **Palaeogene**

1119. *Eoattopsis hirsutus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eolinus* Petrunkevitch, 1942** ..... **Palaeogene**

1120. *Eolinus balticus* Żabka, 1988 ..... Pa Baltic amber

1121. *Eolinus fungus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1122. *Eolinus insuriens* Wunderlich, 2004*aq* ..... Pa Baltic amber

1123. *Eolinus prominens* Wunderlich, 2004*aq* ..... Pa Baltic amber
1124. *Eolinus samlandica* Wunderlich, 2004*aq* ..... Pa Baltic amber
1125. *Eolinus succineus* Petrunkevitch, 1942* ..... Pa Baltic amber
1126. *Eolinus theryi* Petrunkevitch, 1942 ..... Pa Baltic amber
1127. *Eolinus theryoides* Wunderlich, 2004*aq* ..... Pa Baltic amber
1128. *Eolinus tystschenkoi* Proszynski & Żabka, 1980 ..... Pa Baltic amber
1129. *Eolinus vates* Wunderlich, 2004*aq* ..... Pa Baltic amber
Eolinus sp. *in* Wunderlich (2004*aq*) ..... Pa Baltic amber

***Euophrys* C. L. Koch, 1834** ..... **Palaeogene – Recent**
1130. *Euophrys gibberula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1131. *Euophrys randeckensis* Schawaller & Ono, 1979 ..... Ne Randecker Maar

† ***Evagoratus* Zhang, Sun & Zhang, 1994** ..... **Neogene**
1132. *Evagoratus longicruris* Zhang, Sun & Zhang, 1994 ..... Ne Shanwang

† ***Gorgopsidis* Wunderlich, 2004*aq*** ..... **Palaeogene**
1133. *Gorgopsidis bechlyi* Wunderlich, 2004*aq** ..... Pa Baltic amber

† ***Gorgopsina* Petrunkevitch, 1955a** ..... **Palaeogene**
1134. *Gorgopsina amabilis* Wunderlich, 2004*aq* ..... Pa Baltic amber
1135. *Gorgopsina constricta* Wunderlich, 2004*aq* ..... Pa Baltic amber
1136. *Gorgopsina expandens* Wunderlich, 2004*aq* ..... Pa Baltic amber
1137. '*Gorgopsina*' *fasciata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1138. *Gorgopsina flexuosa* Wunderlich, 2004*aq* ..... Pa Baltic amber
1139. *Gorgopsina formosa* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1140. *Gorgopsina fractura* Wunderlich, 2004*ar* ..... Pa Rovno amber
1141. *Gorgopsina frenata* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
1142. *Gorgopsina inclusa* Wunderlich, 2004*aq* ..... Pa Baltic amber
1143. *Gorgopsina jucunda* (Petrunkevitch, 1942) ..... Pa Baltic amber
1144. *Gorgopsina marginata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1145. *Gorgopsina melanocephala* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1146. *Gorgopsina naumanni* Giebel, 1856 ..... Pa Baltic amber
1147. *Gorgopsina paulula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
1148. *Gorgopsina rectangularis* Wunderlich, 2011*h* ..... Pa Baltic amber
1149. *Gorgopsina speciosa* Wunderlich, 2004*aq* ..... Pa Baltic amber

***Heliophanus* C. L. Koch, 1833** ..... **Palaeogene – Recent**
1150. *Heliophanus extinctus* Berland, 1939 ..... Pa Aix-en-Provence

***Hyllus* C. L. Koch, 1846** ..... **Quaternary – Recent**
= † *Parevophrys* Petrunkevitch, 1942
1151. *Hyllus succini* (Petrunkevitch, 1942) ..... Qt Copal
Originally described as Baltic amber

***Lyssomanes* Hentz, 1845** ..... **Neogene – Recent**
1152. *Lyssomanes pristinus* Wunderlich, 1986 ..... Ne Dominican amber
i. = *Lyssomanes galianoae* Reiskind, 1989 ..... Ne Dominican amber

1153. *Lyssomanes pulcher* Wunderlich, 1988 ..... Ne Dominican amber

† ***Microlinus* Wunderlich, 2004*aq*** ..... **Palaeogene**

1154. *Microlinus calidus* Wunderlich, 2004*aq* ..... Pa Baltic amber

1155. *Microlinus folium* Wunderlich, 2004*aq** ..... Pa Baltic amber

***Myrmarachne* MacLeay, 1839** ..... **Quaternary – Recent**

= † *Entomocephalus* Holl, 1829 [suppressed; see ICZN Opinion 2258]

1156. *Myrmarachne formicoides* (Holl, 1829) ..... ?Qt Copal [?not amber]

Neon* Simon, 1876*a ..... **Quaternary – Recent**

1157. *Neon* ?*reticulatus* (Blackwall, 1853) **[Recent]** ..... Qt England

† ***Paralinus* Petrunkevitch, 1942** ..... **Palaeogene**

1158. *Paralinus crosbyi* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Pensacolatus* Wunderlich, 1988** ..... **Neogene**

1159. *Pensacolatus coxalis* Wunderlich, 1988* ..... Ne Dominican amber

1160. *Pensacolatus spinipes* Wunderlich, 1988 ..... Ne Dominican amber

1161. ?*Pensacolatus tibialis* Wunderlich, 2004*aq* ..... Ne Dominican amber

Pensacolatus sp. *in* Wunderlich (1988) ..... Ne Dominican amber

***Phidippus* C. L. Koch, 1846** ..... **Palaeogene**

1162. *Phidippus impressus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

1163. *Phidippus pusillus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Phlegrata* Wunderlich, 1988** ..... **Neogene**

1164. *Phlegrata pala* Wunderlich, 1988* ..... Ne Dominican amber

† ***Prolinus* Petrunkevitch, 1958** ..... **Palaeogene**

1165. *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]

1166. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber

***Thiodina* Simon, 1900** ..... **Neogene**

1167. *Thiodina beugelorum* Wolff, 1990 ..... Ne Dominican amber

Araneomorphae *incertae sedis*

† ***Elvina* Thorell, 1870*b*** ..... **Neogene**

1168. *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**

1169. *Amphiclotho breviuscula* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Amphithomisus* Gourret, 1887** ..... **Palaeogene**

1170. *Amphithomisus barbatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Atocatle* Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?] ..... **Cretaceous**

1171. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* ..... K Puebla, México

† ***Cercidiella* Gourret, 1887** ..... **Palaeogene**

1172. *Cercidiella aquisextana* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Clubionella* Gourret, 1887** ..... **Palaeogene**

1173. *Clubionella antiqua* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Eresoides* Gourret, 1887** ..... **Palaeogene**

1174. *Eresoides orbicularis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Hersilioides* Gourret, 1887** ..... **Palaeogene**

1175. *Hersilioides thanatiformis* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Opisthophylax* Menge, 1856** ..... **Palaeogene**

1176. *Opisthophylax exarata* Menge, 1856* ..... Pa Baltic amber

† ***Prodysdera* Gourret, 1887** ..... **Palaeogene**

1177. *Prodysdera intermedia* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protochersis* Gourret, 1887** ..... **Palaeogene**

1178. *Protochersis spinosus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Protolachesis* Gourret, 1887** ..... **Palaeogene**

1179. *Protolachesis annulata* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Paralycosa* Dunlop & Jekel, 2009** ..... **Palaeogene**

= † *Protolycosa* Gourret, 1887 [*preoccupied*]

1180. *Paralycosa attiformis* (Gourret, 1887)* ..... Pa Aix-en-Provence

† ***Pseudothomisus* Gourret, 1887** ..... **Palaeogene**

1181. *Pseudothomisus articulatus* Gourret, 1887* ..... Pa Aix-en-Provence

† ***Schellenbergia* Heer, 1865** ..... **Neogene**

1182. *Schellenbergia rotundata* Heer, 1865* ..... Ne Öhningen

† ***Timeropus* Thorell, 1891** ..... **Palaeogene**

= † *Lycosoides* Gourret, 1887 [preoccupied]

1183. *Timeropus hersiliformis* (Gourret, 1887)* ..... Pa Aix-en-Provence

NOMINA DUBIA

***Amaurobius* C. L. Koch, 1837** [no currently valid fossil species]

1. *Amaurobius faustus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Amaurobius rimosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Auximus* Simon, 1892** [now *Lathys* Simon, 1884: Dictynidae; no currently valid fossil species]

3. *Auximus fossilis* Petrunkevitch, 1950 ..... Pa Baltic amber
4. *Auximus succini* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Clythia* C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**

5. *Clythia alma* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Corynitoides* Dunlop & Jekel, 2009 (*nomen dubium*)** ..... **Palaeogene**

= † *Corynitis* Menge *in* C. L. Koch & Berendt, 1854 [preoccupied]

6. *Corynitoides spinosa* (Menge *in* C. L. Koch & Berendt, 1854)* ..... Pa Baltic amber
7. *Corynitoides undulata* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

† ***Eocryphoeca* Petrunkevitch, 1958** [also contains valid fossil species]

8. *Eocryphoeca distincta* Petrunkevitch, 1950 ..... Pa Baltic amber
9. *Eocryphoeca fossilis* (Petrunkevitch, 1942) ..... Pa Baltic amber

† ***Eometa* Petrunkevitch, 1958** [also contains valid fossil species]

10. *Eometa aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber
11. *Eometa robusta* Petrunkevitch, 1958 ..... Pa Baltic amber

***Ero* C L. Koch 1836** [also contains valid fossil species]

12. *Ero setulosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Fictotama* Petrunkevitch, 1963 (*nomen dubium*)** ..... **Palaeogene**

13. *Fictotama extincta* Petrunkevitch, 1963* ..... Ne Chiapas amber

† ***Memoratrix* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**

NB: Regarded by Wunderlich (2004*p*) as a possible pimoid or linyphiid

14. *Memoratrix rydei* Petrunkevitch, 1942 ..... Pa Baltic amber

† ***Mimetarchaea* Eskov, 1992** ..... **Palaeogene**

15. *Mimetarchaea gintaras* Eskov, 1992* ..... Pa Baltic amber

NB: Name based on a subadult male

† ***Miropholcus* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**

= † *Micropholcus* Petrunkevitch, 1942 [*lapsus*]

16. *Miropholcus heteropus* Petrunkevitch, 1942* ..... Pa Baltic amber

† ***Perturbator* Petrunkevitch, 1971 (*nomen dubium*)** ..... **Neogene**

17. *Perturbator corniger* Petrunkevitch, 1971* ..... Ne Chiapas amber

† ***Phalangopus* Menge *in* C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**

18. *Phalangopus subtilis* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Praeoarces* Wunderlich, 2004*q*** ..... **Palaeogene**

19. *Praeoarces exitus* Wunderlich, 2004*q** ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

20. *Segestria elongata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Segestria nana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

NOMINA NUDA

***Amaurobius* C. L. Koch, 1837** [no currently valid fossil species]

1. *Amaurobius spinimanus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Anatone* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

2. *Anatone hirsuta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
3. *Anatone marginata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
4. *Anatone spinipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Aranea* Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

5. *Aranea fossilis* Keferstein, 1834 ..... Pa Aix-en-Provence

***Archaea* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

6. *Archaea incomta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
7. *Archaea sphinx* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Athera*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

8. *Athera exilis* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Attus **Walckenaer, 1805** [now *Salticus* Latreille, 1804; no currently valid fossil species]

9. *Attus fossilis* Walckenaer, 1837 ..... Pa Baltic amber

Clubiona **Latreille, 1804** [also contains valid fossil species]

10. *Clubiona eseri* Heer, 1865 ..... Ne Öhningen
11. *Clubiona latifrons* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
12. *Clubiona parvula* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
13. *Clubiona pilosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Clythia*** **C. L. Koch & Berendt, 1854** [also contains a *nomen dubium* fossil species]

14. *Clythia funestra* Koch & Berendt, 1854 ..... Pa Baltic amber
15. *Clythia gracilenta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
16. *Clythia leptocarena* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Dielacata*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

17. *Dielacata superba* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Drassus **Walckenaer, 1805** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]

18. *Drassus oblongus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

Dysdera **Latreille, 1804** [also contains valid fossil species]

19. *Dysdera hippopodium* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
20. *Dysdera glabrata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Dysdera scobiculata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
22. *Dysdera tenera* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Eolinus*** **Petrunkevitch, 1942** [also contains valid fossil species]

23. *Eolinus bitterfeldensis* Wunderlich, 2004*aq* ..... Pa Baltic amber
24. *Eolinus tystschenkoides* Wunderlich, 2004*aq* ..... Pa Baltic amber

Epeira **Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

25. *Epeira eocaenica* Giebel, 1856 ..... Pa Baltic amber
26. *Epeira eocena* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Epeiridion*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

27. *Epeiridion femoratum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Erithus*** **Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

28. *Erithus applanatus* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

Ero **C. L. Koch & Berendt, 1836** [also contains valid fossil species]

29. *Ero coronata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Ero exculpta* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
31. *Ero sphaerica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
32. *Ero quadripunctata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Eyukselus*** **Özdikmen, 2007 (*nomen nudum*)** ..... **Palaeogene**

= † *Propetes* Menge, 1854 [preoccupied]

33. *Eyukselus argutus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
34. *Eyukselus felinus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
35. *Eyukselus griseus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

36. *Eyukselus latifrons* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
37. *Eyukselus pumilus* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

***Gea* C. L. Koch, 1843** [also contains valid fossil species]

38. *Gea pubescens* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Heteromma* Menge, 1856 (*nomen nudum*)** ..... **Palaeogene**

39. *Heteromma intersecta* Menge, 1856* ..... Pa Baltic amber

† ***Idmonia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

40. *Idmonia virginea* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Melanophora* C. L. Koch, 1833** [now *Zelotes* Gistel, 1848; which also contains valid fossil species]

41. *Melanophora lepida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
42. *Melanophora nitida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Micaria* Westring, 1851** [also contains valid fossil species]

43. *Micaria ovata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
44. *Micaria squamata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
45. *Micaria tenuis* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Micryphantes* C. L. Koch, 1833** [also contains valid fossil species]

46. *Micryphantes globulus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
47. *Micryphantes turritus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Mizalia* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

48. *Mizalia truncata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Ocia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

49. *Ocia hirsuta* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Ocypete* C. L. Koch, 1836** [now *Heteropoda* Latreille, 1804; which also contains valid fossil species]

50. *Ocypete angustifrons* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
51. *Ocypete marginata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Onca* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

52. *Onca lepida* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
53. *Onca pumila* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

***Philodromus* Walckenaer, 1826** [also contains valid fossil species]

54. *Philodromus griseus* Menge, 1856 ..... Pa Baltic amber
55. *Philodromus marginatus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
56. *Philodromus reptans* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
57. *Philodromus redogradus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
58. *Philodromus spinipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Pythonissa* C. L. Koch, 1837** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]

59. *Pythonissa bipunctata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
60. *Pythonissa discophora* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
61. *Pythonissa glabra* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
62. *Pythonissa villosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Segestria* Latreille, 1804** [also contains valid fossil species]

63. *Segestria exarata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
64. *Segestria sulcata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

65. *Segestria undulata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Siga* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

66. *Siga crinita* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Spheconia* Menge *in* C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

67. *Spheconia brevipes* Menge *in* C. L. Koch & Berendt, 1854* ..... Pa Baltic amber

† ***Syphax* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

68. *Syphax hirtus* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Theridium* Walckenaer, 1805** [now *Theridion* Walckenaer, 1805; which also contains valid fossil species]

69. *Theridium bifurcum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

70. *Theridium chorius* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

71. *Theridium clavigerum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

72. *Theridium crassipes* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

73. *Theridium setulosum* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

***Thomisus* Walckenaer, 1805** [also contains valid fossil species]

74. *Thomisus matutinus* Menge, 1856 ..... Pa Baltic amber

† ***Thyelia* C. L. Koch & Berendt, 1854** [also contains valid fossil species]

75. *Thyelia mengei* Giebel, 1856 ..... Pa Baltic amber

76. *Thyelia pectinata* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

77. *Thyelia spinosa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

† ***Zilla* C. L. Koch & Berendt, 1834** [also contains valid fossil species]

78. *Zilla cornumana* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

79. *Zilla spinipalpa* Menge *in* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

MISIDENTIFICATIONS

***Aranea* Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]

1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] ..... Qt Copal

† ***Araneaovoius* Dunlop & Braddy, 2011 [ichnogenus]** ..... **Palaeogene**

2. *Araneaovoius columbiae* (Scudder 1878)* [fossil egg sac] ..... Pa Canada / USA

† ***Archaeometa* Pocock, 1911** ..... **?Devonian – Carb.**

3. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] ..... D Alken an der Mosel

4. *Archaeometa nephilina* Pocock, 1911* [not identified] ..... C Coseley

† ***Arachnometa* Petrunkevitch, 1949** ..... **Carboniferous**

5. *Arachnometa tuberculata* Petrunkevitch, 1949* [not identified] ..... C Coseley

† ***Eopholcus* Frič, 1904** ..... **Carboniferous**

6. *Eopholcus pedatus* Frič, 1904* [not identified] ..... C Nýřany

† ***Oichnus* Bromley 1981 [ichnogenus]** ..... **??**

7. *Oichnus bavincourti* (Vaillant, 1909) [at one stage placed in *Cteniza*] ..... Pa Northern France

† ***Palaeocteniza* Hirst, 1923** ..... **Devonian**

8. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] ..... D Rhynie chert

† ***Pleurolycosa* Frič, 1904** ..... **Carboniferous**

9. *Pleurolycosa prolifera* (Frič, 1901)* [unidentifiable] ..... C Nýřany

43,244 Recent species according to Platnick (2012)

HAPTOPODA

1 currently valid species of fossil haptopodid

† **HAPTOPODA Pocock, 1911** ..... **Carboniferous**

† **PLESIOSIRONIDAE Pocock, 1911** ..... **Carboniferous**

† ***Plesiosiro* Pocock, 1911** ..... **Carboniferous**

1. *Plesiosiro madeleyi* Pocock, 1911 ..... C Coseley

no Recent species

AMBLYPYGI

9 currently valid species of fossil whip spider

AMBLYPYGI Thorell, 1882 ..... **Carbon. – Recent**

= PHRYNÉIDES Walckenaer, 1837

= PHRYNICHIDA Petrunkevitch, 1945*a*

PALAEOAMBLYPYGI Weygoldt, 1996 (suborder) ..... **Carbon. – Recent**

family uncertain

† ***Sorellophrynus*** **Harvey, 2002** ..... **Carboniferous**

= † *Protophrynus* Petrunkevitch, 1913 (preoccupied)

1. *Sorellophrynus carbonarius* (Petrunkevitch, 1913)* ..... C Mazon Creek

† ***Thelyphrynus*** **Petrunkevitch, 1913** ..... **Carboniferous**

2. *Thelyphrynus elongatus* Petrunkevitch, 1913 ..... C Mazon Creek

PARACHARONTIDAE Weygoldt, 1996 ..... **Carbon. – Recent**

† ***Graeophonus*** **Scudder, 1890*b*** ..... **Carboniferous**

3. *Graeophonus anglicus* Pocock, 1911 ..... C Coseley
4. *Graeophonus carbonarius* (Scudder, 1876)* ..... C Cape Breton
5. *Graeophonus scudderi* Pocock, 1911 ..... C Mazon Creek

EUAMBLYPYGI Weygoldt, 1996 (suborder) ..... **Cretaceous – Recent**

CHARINIDAE Quintero, 1986 ..... **Recent**

no fossil record

NEOAMBLYPYGI Weygoldt, 1996 (infraorder) ..... **Cretaceous – Recent**

CHARONTIDAE Simon, 1892*a* ..... **Recent**

no fossil record

PHRYNOIDEA Blanchard, 1852 ..... **Cretaceous – Recent**

PHRYNICHIDAE Simon, 1892*a* ..... **Recent**

no fossil record

PHRYNIDAE Blanchard, 1852 ..... **Cretaceous – Recent**

= † ELECTROPHRYNIDAE Petrunkevitch, 1971

† ***Britopygus*** **Dunlop & Martill, 2002** ..... **Cretaceous**

6. *Britopygus weygoldti* Dunlop & Martill, 2002 ..... K Crato Formation

† ***Electrophrynus*** **Petrunkevitch, 1971** ..... **Neogene**

7. *Electrophrynus mirus* Petrunkevitch, 1971 ..... Ne Chiapas amber

Phrynus **Lamarck, 1801** ..... **Neogene – Recent**

8. *Phrynus mexicana* Poinar & Brown, 2004 ..... Ne Chiapas amber
9. *Phrynus resinae* (Schawaller, 1979*b*) ..... Ne Dominican amber

NOMINA DUBIA

1. *Phrynus fossilis* Keferstein, 1834 ..... Pa Aix-en-Provence
    i. = *Phrynus marioni* Gourret, 1887 ..... Pa Aix-en-Provence

161 Recent species

UROPYGI

7 currently valid species of fossil whip scorpion

UROPYGI Thorell, 1882 ..... **Carbon. - Recent**

= THELYPHONIDA Latreille, 1804b

= UROTRICHA C. L. Koch, 1851

= OXOPOEI Thorell, 1888

= HOLOPELTIDIA Börner, 1902

plesion genera

† ***Geralinura* Scudder, 1884** ..... **Carboniferous**

1. *Geralinura britannica* Pocock, 1911 ..... C Coseley
2. *Geralinura carbonaria* Scudder, 1884* ..... C Mazon Creek
   - i. = *Geralinura gigantea* Petrunkevitch, 1913 ..... C Mazon Creek
   - ii. = *Geralinura similis* Petrunkevitch, 1913 ..... C Mazon Creek

† ***Parageralinura* Tetlie & Dunlop, 2008** ..... **Carboniferous**

3. *Parageralinura naufraga* (Brauckmann & Koch, 1983) ..... C Hagen-Vorhalle
4. *Parageralinura neerlandicus* Laurentiaux-Viera & Laurentiaux, 1961..... C Limburg

† ***Proschizomus* Dunlop & Horrocks, 1996** ..... **Carboniferous**

5. *Proschizomus petrunkevitchi* Dunlop & Horrocks, 1996 ..... C Coseley

† ***Prothelyphonus* Frič, 1904** ..... **Carboniferous**

6. *Prothelyphonus bohemicus* (Kušta, 1884*b*) ..... C Rakovník
   - i. = *Prothelyphonus cordai* Frič, 1904 ..... C Rakovník
   - ii. = *Geralinura crassa* Kušta, 1888 ..... C Rakovník
   - iii. = *Geralinura noctua* Kušta, 1888 ..... C Rakovník
   - iv. = *Geralinura scudderi* Kušta, 1888 ..... C Rakovník

THELYPHONIDAE Lucas 1835 ..... **Cretaceous – Recent**

† ***Mesoproctus* Dunlop, 1988** ..... **Cretaceous**

7. *Mesoproctus rowlandi* Dunlop, 1998 ..... K Crato Formation

   Mesoproctus sp. *in* Dunlop & Martill (2002) ..... K Crato Formation

MISIDENTIFICATIONS

1. *Thelyphonus hadleyi* Pierce, 1945 [unidentifiable, ?algal] ..... Ne California

110 Recent species

SCHIZOMIDA

6 currently valid species of fossil schizomid from 6 published names

- the fossil family Calcitronidae cannot be meaningfully compared to the Recent families

SCHIZOMIDA Petrunkevitch, 1945*b* ..... **Palaeogene – Recent**

= TARTARIDES Thorell, 1888 (tribe)

= COLOPYGA Cook, 1899 (order)

= SCHIZOPELTIDA Börner, 1902 (tribe)

† **CALCITRONIDAE Petrunkevitch, 1945*b*** ..... **Palaeogene – Neogene**

† ***Calcitro* Petrunkevitch, 1945*b*** ..... **Palaeogene – Neogene**

1. *Calcitro fisheri* Petrunkevitch, 1945*b** ..... Ne Onyx Marble
2. *Calcitro oplonis* Lin *in* Lin *et al.,* 1988 ..... Pa Shandong, China

HUBBARDIIDAE Cook, 1899 ..... **Neogene – Recent**

***Antillostenochrus* Armas and Teruel, 2002** ..... **Neogene – Recent**

3. *Antillostenochrus pseudoannulatus* (Krüger & Dunlop, 2010) ..... Ne Dominican Amber

† ***Calcoschizomus* Pierce, 1951** ..... **Neogene**

4. *Calcoschizomus latisternum* Pierce, 1951 ..... Ne Onyx Marble

† ***Onychothelyphonus* Pierce, 1950** ..... **Neogene**

5. *Onychothelyphonus bonneri* Pierce, 1950 ..... Ne Onyx Marble

***Rowlandius* Reddell & Cockendolpher, 1995** ..... **Neogene – Recent**

6. *Rowlandius velteni* (Krüger & Dunlop, 2010) ..... Ne Dominican Amber

PROTOSCHIZOMIDAE Rowland, 1975 ..... **Recent**

no fossil record

260 Recent species

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