



A summary list of fossil spiders and their relatives

compiled by

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

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



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INTRODUCTION

Fossil spiders have not been fully cataloged since Bonnet's *Bibliographia Araneorum* and are not included in the current Catalog. Since Bonnet's time there has been considerable progress in our understanding of the fossil record of spiders – and other arachnids – and numerous new taxa have been described. 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 synonymies 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 accommodate 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 synonymy 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 forward omissions or corrections to <jason.dunlop@mfn-berlin.de> or <David.Penney@manchester.ac.uk>.

PRINCIPAL CHANGES SINCE THE LAST UPDATE

Recent work has included a revision, plus new species, of the extinct Chasmataspida. Of some note is the raising of a new suborder of harvestmen, with a new Coal Measures species, and the transfer of the Devonian harvestman to this suborder. Some overlooked amber records of harvestman were also added. A new family record of pseudoscorpions in amber is also included, as are two significant new species of Triassic gall mite. A new pleutreurid spider from Spain has been described and extinct spider family missed in the previous version was added. Some overlooked historical names from Willershausen are also added.

ACKNOWLEDGMENTS

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

EXPLANATIONS

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

Stratigraphical abbreviations:

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

D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

PYCNOGONIDA

11 currently valid species of fossil sea spider

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

PYCNOGONIDA Latreille, 1810 Cambrian – Recent

= ARACHNOPODA Dana, 1853

- † **Cambropycnogon Waloszek & Dunlop, 2002** **Cambrian**
1. *Cambropycnogon klausmuelleri* Waloszek & Dunlop, 2002* € '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 Hüsnruckschiefer
- † **Palaeomarachne Rudkin, Cuggy, Young & Thompson, 2013** **Ordovician**
4. *Palaeomarachne granulata* Rudkin, Cuggy, Young & Thompson, 2013* O Manitoba, Canada
- † **Pentapantopus Kühl, Poschmann & Rust, 2013** **Devonian**
5. *Pentapantopus vogteli* Kühl, Poschmann & Rust, 2013* D Hüsnruckschiefer
- † **PALAEOISOPODIDAE Dubinin, 1957** **Devonian**
- † **Palaeoisopus Broili, 1928** **Devonian**
6. *Palaeoisopus problematicus* Broili, 1928* D Hüsnruckschiefer
- † **PALAEOPANTOPODIDAE Broili, 1930** **Devonian**
- † **Palaeopantopus Broili, 1928** **Devonian**
7. *Palaeopantopus maucheri* Broili, 1928* D Hüsnruckschiefer
- PANTOPODA Gerstaecker, 1863** **Devonian – Recent**
- = PEGMATA Fry, 1978
- family uncertain
- † **Palaeothea Bergström, Stürmer & Winter, 1980** **Devonian**
8. *Palaeothea devonica* Bergström, Stürmer & Winter, 1980* D Hüsnruckschiefer
- AUSTRODECIDAE Stock, 1954** **Recent**
- no fossil record
- PYCNOGONIDAE Wilson, 1878** **Recent**
- no fossil record

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

= PASITHOIDAE Sars, 1891

= RHOPALORHYNCHIDAE Fry, 1978

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

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

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

= EURYCIDIDAE Sars, 1891

= OORHYNCHIDAE Schimkewitsch, 1913

= TANYSTYLIDAE Schimkewitsch, 1913

= AMMOTHELLIDAE Fry, 1978

= EPHYROGYMNIDAE Fry, 1978

= PARANYMPHONIDAE Fry, 1978

= SERICOSURIDAE Fry, 1978

= TRYGAEIDAE Fry, 1978

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

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

CALLIPALLENIDAE Hilton, 1942 **Recent**= PALLENIDAE Wilson, 1878 [*Pallene* is a preoccupied genus]

= CHEILAPALLENIDAE Fry, 1978

= CLAVIGEROPALLENIDAE Fry, 1978

= HANNONIDAE Fry, 1978

= METAPALLENIDAE Fry, 1978

= QUEUBIDAE Fry, 1978

= STYLOPALLENIDAE Fry, 1978

no fossil record

NYMPHONIDAE Wilson, 1878 **Recent**

no fossil record

PALLENOPSISAE Fry, 1978 **Recent**

no fossil record

ENDEIDAE Norman, 1904 **?Jurassic – Recent**† **Palaeoendeis Charbonnier, Vannier & Riou, 2007** **Jurassic**

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

PHOXICHILIDIIDAE Sars, 1891 **Recent**

= ANOPLODACTYLIDAE Fry, 1978

= PHOXIPHILYRIDAE Fry, 1978

no fossil record

RHYNCHOTHORACIDAE Thompson, 1909 **Recent**

no fossil record

MISIDENTIFICATIONS

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

c. 1,300 Recent species

EUCHELICERATA

4 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
- *Dibasterium* was described as a horseshoe crab, albeit one with multiple biramous appendages
- the other listed taxa are mostly poor or incomplete specimens which have been treated as either xiphosurans, chasmataspidids or eurypterids
- resting impressions imply that Chasmataspidida were probably present in the late Cambrian

EUCHELICERATA Weygoldt & Paulus, 1979 ?Cambrian – Recent

STEM-EUCHELICERATA?

- † *Offacolus* Orr, Siveter, Briggs, Siveter & Sutton, 2000 **Silurian**
1. *Offacolus kingi* Orr, Siveter, Briggs, Siveter & Sutton, 2000* S Herefordshire Lgst.
- † *Dibasterium* Briggs, Siveter, Siveter, Sutton, Garwood & Legg, 2012 **Silurian**
2. *Dibasterium durgae* Briggs, Siveter, Siveter, Sutton, Garwood & Legg, 2012* S Herefordshire Lgst.

EUCHELICERATA INCERTAE SEDIS

- † *Polystomurum* Novojilov, 1958 **Devonian**
3. *Polystomurum stormeri* Novojilov, 1958* D Voroneje, Siberia
- † *Thurandina* Størmer, 1974 **Devonian**
4. *Thurandina waterstoni* Størmer, 1974* D Alken an der Mosel

XIPHOSURA *s. lat.*

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

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

PROSOMAPODA Lamsdell, 2013a	Siliurian – Recent
FAMILY UNSPECIFIED	
† <i>Anderella</i> Moore, McKenzie & Lieberman, 2007	Carboniferous
1. <i>Anderella parva</i> Moore, McKenzie & Lieberman, 2007*	C Bear Gulch
† <i>Borchgrevinkium</i> Novojilov, 1959	Devonian
2. <i>Borchgrevinkium taimyrensis</i> Novojilov, 1959*	D Taimyr, Siberia
† <i>Camanchia</i> Moore, Briggs, Braddy & Shultz, 2011	Silurian
3. <i>Camanchia grovensis</i> Moore, Briggs, Braddy & Shultz, 2011*	S Scotch Grove, Iowa
† <i>Legrandella</i> Eldredge, 1974	Devonian
4. <i>Legrandella lombardii</i> Eldredge, 1974*	D Cochabamba, Bolivia
† <i>Venustulus</i> Moore, 2005 in Moore et al.	Silurian
5. <i>Venustulus waukeshaensis</i> Moore, 2005 in Moore et al.*	S Waukesha Lgst.
† WEINBERGINIDAE Richter & Richter, 1929	Devonian
† <i>Weinbergina</i> Richter & Richter, 1929	Devonian
6. <i>Weinbergina opitzi</i> Richter & Richter, 1929*	D Hünsruckschiefer
PLANATERGA Lamsdell, 2013a	Siliurian – Recent
FAMILY UNSPECIFIED	
† <i>Bembicosoma</i> Laurie, 1899	Silurian
7. <i>Bembicosoma pomphicus</i> Laurie, 1899*	S Pentland hills
† <i>Cyamocephalus</i> Currie, 1927	Silurian
8. <i>Cyamocephalus loganensis</i> Currie, 1927*	S Lesmahagow
† <i>Pseudoniscus</i> Nieszkowski, 1859	Silurian
= † <i>Neolimulus</i> Woodward, 1868a	
9. <i>Pseudoniscus aculeatus</i> Nieszkowski, 1859*	S Saaremaa
10. <i>Pseudoniscus clarkei</i> Ruedemann, 1916	S Pittsford, New York
11. <i>Pseudoniscus falcatus</i> (Woodward, 1868a)	S Lesmahagow
12. <i>Pseudoniscus roosevelti</i> Clarke, 1902	S 'Bertie Waterlime'
† <i>Bunaia</i> Clarke, 1919	Silurian

13. '*Bunaia*' *heintzi* Størmer, 1934a S Spitsbergen
14. *Bunaia woodwardi* Clarke, 1919* S 'Bertie Waterlime'
- † **BUNODIDAE Packard, 1896** **Silurian**
- † ***Bunodes* Eichwald, 1854** **Silurian**
 = † *Exapinurus* Nieszkowski, 1859
15. *Bunodes lunula* Eichwald, 1854* S Saaremaa
 i. = *Bunodes rugosus* Eichwald, 1854 S Saaremaa
 ii. = *Exapinurus schrenki* Nieszkowski, 1859 S Saaremaa
- † ***Limuloides* Woodward, 1865** **Silurian**
 = † *Hemiaspis* Woodward, 1864 [preoccupied]
16. *Limuloides limuloides* (Woodward, 1865) S Ludlow
17. *Limuloides horridus* (Woodward, 1872a) S Ludlow
18. *Limuloides salweyi* (Woodward, 1872a) S Ludlow
 i. = *Hemiaspis tuberculatus* (Salter in Woodward, 1872a) S Ludlow
19. *Limuloides speratus* Woodward, 1872a S Ludlow
 i. = *Hemiaspis optatus* (Salter in Woodward, 1872a) S Ludlow
- † ***Pasternakevia* Selden & Drygant, 1987** **Silurian**
20. *Pasternakevia podolica* Selden & Drygant, 1987* S Podolia

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

XIPHOSURA Latreille, 1802 **Ordovician – Recent**
 = MEROSTOMATA Dana, 1852

FAMILY UNSPECIFIED

- † ***Kiaeria* Størmer, 1934b** **Silurian**
21. *Kiaeria limuloides* Størmer, 1934b* S Ringerike
- † ***Maldybulakia* Tesakov & Alekseev, 1998** **Devonian**
 = † *Lophodesmus* Tesakov & Alekseev, 1992 [preoccupied]
- NB: Originally described as possible myriapods
22. *Maldybulakia angusi* Edgecombe, 1998 D New South Wales
23. *Maldybulakia malcomi* Edgecombe, 1998 D New South Wales
24. *Maldybulakia mirabilis* (Tesakov & Alekseev, 1992)* D Kazakhstan
- † ***Willwerathia* Størmer, 1969** **Devonian**
25. *Willwerathia laticeps* (Størmer, 1936a)* D Willwerath
- † **KASIBELINURIDAE Pickett, 1993** **Devonian**
- † ***Kasibelinurus* Pickett, 1993** **Devonian**
26. *Kasibelinurus amicorum* Pickett, 1993* D New South Wales
27. *Kasibelinurus yueya* Lamsdell, Xue & Selden, 2013 D Yunann, China
- possible kasibelinurids?

28. '*Belinurus*' *allegheyensis* Eller, 1938a D New York State
29. '*Belinurus*' *carterae* Eller, 1940 D Pennsylvania
30. '*Prestwichia*' *randalli* Beecher, 1902 D Pennsylvania
- † **ELLERIDAE Raymond, 1944** **Devonian**
- † ***Elleria* Raymond, 1944** **Devonian**
31. *Elleria morani* (Eller, 1938b)* D Pennsylvania
- XIPHOSURIDA Latreille, 1802** **Ordovician – Recent**
- family uncertain
- † ***Lunataspis* Rudkin, Young & Nowlan, 2008** **Ordovician**
32. *Lunataspis aurora* Rudkin, Young & Nowlan, 2008 O Manitoba
- † **BELINURINA Zittel & Eastman, 1913** **Carboniferous**
- † **BELINURIDAE 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
33. *Bellinurus arcuatus* Baily, 1863 C Coal Measues
34. *Bellinurus baldwini* Woodward, 1907b C Coal Measues
35. *Bellinurus bellulus* Pictet, 1846 C Coalbrookdale, UK
36. *Bellinurus carwayensis* Dix & Pringle, 1929 C South Wales, UK
37. *Bellinurus concinnus* Dix & Pringle, 1929 C South Wales, UK
38. *Bellinurus grandaevus* Jones & Woodward, 1899 C Nova Scotia
39. *Bellinurus iswariensis* (Chernyshev, 1928) C Donetz Basin
40. *Bellinurus kiltorkensis* Baily, 1869 C Coal Measues
41. *Bellinurus koenigianus* Woodward, 1872a C Coal Measues
42. *Bellinurus lacoey* Packard, 1885 C Mazon Creek
43. *Bellinurus longicaudatus* Woodward, 1907b C Coal Measues
44. *Bellinurus lunatus* (Martin, 1809) C Mansfield, UK
45. *Bellinurus metschetensis* (Chernyshev, 1928) C Donetz Basin
46. *Bellinurus morgani* Dix & Pringle, 1930 C South Wales, UK
47. *Bellinurus pustulosus* Dix & Pringle, 1929 C South Wales, UK
48. *Bellinurus reginae* Baily, 1863 C Coal Measues
49. *Bellinurus stepanovi* (Chernyshev, 1928) C Donetz Basin
50. *Bellinurus trechmanni* Woodward, 1918 C Coal Measues
51. *Bellinurus trilobitoides* (Buckland, 1837)* C Coalbrookdale, UK
52. *Bellinurus truemani* Dix & Pringle, 1929 C South Wales, UK

† EUPROOPIIDAE Eller, 1938b

= † LIOMESASPIDIDAE Raymond, 1944

- † **Anacontium** Raymond, 1944 **Permian**
53. *Anacontium brevis* Raymond, 1944 P Oklahoma
54. *Anacontium carpenteri* Raymond, 1944 P Oklahoma
- † **Euproops** Meek, 1867 **Carbon. – ?Permian**
- = † *Prestwichia* Woodward, 1867 [preoccupied]
- = † *Prestwichianella* Cockerell, 1905 [replacement name for *Prestwichia*]
55. *Euproops anthrax* (Prestwich, 1840) C Coal Measures
56. *Euproops bifidus* Siegfried, 1972 C Coal Measures
57. *Euproops cambrensis* Dix & Pringle, 1929 C Coal Measures
58. *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. = *Euproops gwentii* 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
59. *Euproops longispina* Packard, 1885 C Mazon Creek
60. *Euproops mariae* Crônier & Courville, 2005 C Massif Central
61. *Euproops meeki* Dix & Pringle, 1929 C South Wales
62. *Euproops nitida* Dix & Pringle, 1929 C South Wales
63. *Euproops orientalis* Kobayashi, 1933 ?P Korea
64. *Euproops rotundatus* Prestwich, 1840 C Coal Measures
- Euproops* sp. in Brauckmann (1982) C Piesberg, Germany
- † **Liomesaspis** Raymond, 1944 **Carbon. – Permian**
- = † *Pringlia* Raymond, 1944
- = † *Palatinaspis* Malz & Poschmann, 1993
65. ?*Liomesaspis birtwelli* (Woodward, 1872a) C Coal Measures
66. *Liomesaspis laevis* Raymond, 1944* C Coal Measures
- i. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 C Saar-Nahe Basin
- ii. = *Pringlia bispinosa* Raymond, 1944 C Coal Measures
- iii. = *Pringlia demaisterei* Vandenbergh, 1961 C Coal Measures
- iv. = *Pringlia fritschi* Remy & Remy, 1959 C Coal Measures
67. *Liomesaspis leonardensis* (Tasch, 1961) P Annelly, Kansas
- † **Prolimulus** Frič, 1899 **Carboniferous**
68. *Prolimulus woodwardi* Frič, 1899* C Nýřany

UNNAMED TAXON

- † **Bellinuroopsis Chernyshev, 1933** **Carboniferous**
 = † *Neobelinuroopsis* Eller, 1938a
 69. *Bellinuroopsis rossicus* Chernyshev, 1933* C Coal Measures
- † **ROLFEIIDAE Selden & Siveter, 1987** **Carboniferous**
- † **Rolfeia Waterston, 1985** **Carboniferous**
 70. *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
 71. *Limulitella bronniei* (Schimper, 1853)* Tr Grés à Voltzia
 i. = *Limulus sandbergeri* Kirchner, 1923 Tr Germany
 72. *Limulitella henkeli* Fritsch, 1906 Tr Halle, Germany
 73. ? *Limulitella liasokeuperensis* (Braun, 1860) J Germany
 74. *Limulitella vicensis* (Bleicher, 1897) Tr Lorraine
 75. *Limulitella volgensis* Ponomarenko, 1985 Tr Moscow
- † **Paleolimulus Dunbar, 1923** **Carbon. – Triassic**
 = † *Dubbolimulus* Pickett, 1984
 ? *Palaeolimulus* sp. *in* Hauschke & Wilde (2000) Tr Harz, Germany
 76. *Paleolimulus fuchsbergensis* Hauschke & Wilde, 1987 Tr northwest Germany
 77. *Paleolimulus jakovlevi* Glushenko *in* Glushenko & Ivanov, 1961 P Novoselovka, Ukraine
 78. ? *Paleolimulus juresanensis* Chernyshev, 1933 C Ural region
 79. *Paleolimulus longispinus* Schram, 1979 C Bear Gulch, Montana
 80. *Paleolimulus peetae* (Pickett, 1984) Tr New South Wales
 81. *Paleolimulus signatus* (Beecher, 1904) C–P Kansas, Illinois
 i. = *Paleolimulus avitus* Dunbar, 1923* P Kansas
- MORAVURIDAE Příbyl, 1967** **Carboniferous**
- † **Moravurus Příbyl, 1967** **Carboniferous**
 82. *Moravurus rehoi* Příbyl, 1967 C Ostrava-Karviná

- † *Xaniopyramis* Siveter & Selden, 1987 **Carboniferous**
 83. *Xaniopyramis linseyi* Siveter & Selden, 1987* C Weardale, UK
- LIMULOIDEA Zittel, 1885** **Carbon. – Recent**
 unnamed specimen *in* Hauschke & Wilde (1989) P Korbacher Bucht
- † *Alanops* Racheboeuf *et al.*, 2002 **Carboniferous**
 84. *Alanops magnifica* Racheboeuf *et al.*, 2002 C Montceau-les-Mines
- † *Casterolimulus* Holland, Erickson & O'Brien, 1975 **Cretaceous**
 85. *Casterolimulus kletti* Holland, Erickson & O'Brien, 1975* K North Dakota
- † *Panduralimulus* Allen & Feldman, 2005 **Permian**
 86. *Panduralimulus babcocki* Allen & Feldman, 2005 P Texas
- † *Valloisella* Racheboeuf, 1992 **Carboniferous**
 87. *Valloisella lievinensis* Racheboeuf, 1992* C northern France
- † **AUSTROLIMULIDAE Riek, 1955** **Triassic**
- † *Austrolimulus* Riek, 1955 **Triassic**
 88. *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**
 89. *Crenatolimulus paluxyensis* Feldmann, Schweitzer, Dattilo & Farlow,
 2011* K Texas
- Limulus Müller, 1785** **Triassic – Recent**
 90. *Limulus coffini* Reeside & Harris, 1952 K Colorado
 91. "*Limulus*" *decheni* Zinken, 1862 Pa Teuchern, Germany
 [NB: Hauschke & Wilde (2004) considered this intermediate between *Limulus* and *Tachypleus*]
 92. *Limulus priscus* Münster, 1839 Tr Rottweil, Germany
 93. *Limulus woodwardi* Watson, 1909 J Northamptonshire
- † *Mesolimulus* Størmer, 1952 **Triassic – Cretaceous**
Mesolimulus sp. *in* Ross & Vannier (2002) J southern England
94. *Mesolimulus crespelli* Via Boada, 1987 Tr Tarragona, Spain
 95. *Mesolimulus sibiricus* Ponomarenko, 1985 J Siberia
 96. ?*Mesolimulus syriacus* (Woodward, 1879) K Lebanon
 97. *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**
 98. *Psammolimulus gottingensis* Lange, 1923* Tr Göttingen, Germany
- Tachypleus Leach, 1819** **Triassic – Recent**
 = † *Heterolimulus* Via Boada & Villalta, 1966
 99. *Tachypleus gadeai* (Via Boada & Villalta, 1966) Tr Tarragona, Spain
- † **Tarracolimulus Romero & Via Boada, 1977** **Triassic**
 100. *Tarracolimulus rieki* Romero & Via Boada, 1977* Tr Tarragona, Spain
- † **Victalimulus Riek & Gill, 1971** **Cretaceous**
 101. *Victalimulus mcqueeni* Riek & Gill, 1971* K Koonwarra
- † **Yunnanolimulus Zhang, Hu, Zhou, Iv & Bai, 2009** **Triassic**
 102. *Yunnanolimulus luopingensis* Zhang, Hu, Zhou, Iv & Bai, 2009* Tr Luoping, China

INCERTAE SEDIS

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

NOMEN DUBIUM

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

NOMINA NUDA

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

MISIDENTIFICATIONS

1. *Belinurus carterae* Eller, 1940 [synonym of *P. eriensis*; see below]
 2. *Bifarius compta* Tasch, 1961 [insect] P Kansas
 3. *Eolimulus alatus* Moberg, 1892 [doubtful xiphosuran] C 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*]

CHASMATASPIDIDA

11 currently valid species of fossil chasmataspidid

- there are some doubts about the monophyly of Chasmataspidida

† CHASMATASPIDIDA Caster & Brooks, 1956	?Camb. – Devonian
= † DIPLOASPIDIDA Simonetta & Delle Cave, 1978	
† CHASMATASPIDIDAE Caster & Brooks, 1956	?Camb. – Ordovician
† <i>Chasmataspis</i> Caster & Brooks, 1956	?Camb. – Ordovician
? <i>Chasmataspis</i> sp. resting traces in Dunlop <i>et al.</i> (2004) C Texas	
1. <i>Chasmataspis laurencii</i> Caster & Brooks, 1956* O Tennessee	
† DIPLOASPIDIDAE Størmer, 1972	Silurian – Devonian
= † HETEROASPIDIDAE Størmer, 1972	
† <i>Achanarraspis</i> Anderson, Dunlop & Trewin, 2000	Devonian
2. <i>Achanarraspis reedi</i> Anderson, Dunlop & Trewin, 2000* D Achanarras, Scotland	
† <i>Diploaspis</i> Størmer, 1972	Devonian
3. <i>Diploaspis casteri</i> Størmer, 1972* D Alken an der Mosel	
4. <i>Diploaspis muelleri</i> Poschmann, Anderson & Dunlop, 2005 D Hombach, Germany	
† <i>Dvulikiaspis</i> Marshall, Lamsdell, Shpinev & Braddy, 2014	Devonian
5. <i>Dvulikiaspis menneri</i> (Novojilov, 1959)* D Siberia	
† <i>Forfarella</i> Dunlop, Anderson & Braddy, 1999	Devonian
6. <i>Forfarella mitchelli</i> Dunlop, Anderson & Braddy, 1999* D Arbroath, Scotland	
† <i>Heteroaspis</i> Størmer, 1972	
7. <i>Heteroaspis stoermeri</i> (Novojilov, 1959)* D Siberia; Alken	
i. = <i>Heteroaspis novojilovi</i> Størmer, 1972 D Alken an der Mosel	
† <i>Loganamaraspis</i> Tetlie & Braddy, 2004a	Silurian
8. <i>Loganamaraspis dunlopi</i> Tetlie & Braddy, 2004a* S Lesmahagow	
† <i>Nahlyostaspis</i> Marshall, Lamsdell, Shpinev & Braddy, 2014	Devonian
9. <i>Nahlyostaspis bergstroemi</i> Marshall, Lamsdell, Shpinev & Braddy, 2014* D Siberia	
† <i>Octoberaspis</i> Dunlop, 2002	Devonian
10. <i>Octoberaspis ushakovi</i> Dunlop, 2002* D October Rev. Is	
† <i>Skrytyaspis</i> Marshall, Lamsdell, Shpinev & Braddy, 2014	Devonian
11. <i>Skrytyaspis andersoni</i> Marshall, Lamsdell, Shpinev & Braddy, 2014* D Siberia	

no Recent species

EURYPTERIDA

250 currently valid species of fossil sea scorpion

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

† EURYPTERIDA Burmeister, 1843	Ordovician – Permian
= † GIGANTOSTRACA Haeckel, 1866	
= † CYRTOCTENIDA Størmer & Waterston, 1968	
† STYLONURINA Diener, 1924	Ordovician – Permian
= † WOODWARDOPTERINA Kjellesvig-Waering, 1959	
= † HIBBERTOPTERINA Størmer, 1974	
† RHENOPTEROIDEA Størmer, 1951	Ordovician – Devonian
= † BRACHYOPTERELLOIDEA Tollerton, 1989	
† RHENOPTERIDAE Størmer, 1951	Ordovician – Devonian
= † BRACHYOPTERELLIDAE Tollerton, 1989	
= † ALKENOPTERIDAE Poschmann & Tetlie, 2004	
† Brachyopterella Kjellesvig-Waering, 1966a	Silurian
1. <i>Brachyopterella pentagonalis</i> (Størmer, 1934b)*	S Ringerike, Norway
2. <i>Brachyopterella ritchiei</i> Waterston, 1979	S Slot Burn, Scotland
† Brachyopterus Størmer, 1951	Ordovician
3. <i>Brachyopterus stubblefieldi</i> Størmer, 1951*	O Montgomeryshire
† Kiaeropterus Waterston, 1979	Silurian
4. <i>Kiaeropterus cyclophthalmus</i> (Laurie, 1892)	S Pentland Hills, Scotl.
5. <i>Kiaeropterus ruedemanni</i> (Størmer, 1934b)*	S Ringerike, Norway
† Leiopterella Lamsdell, Braddy, Loeffler & Dineley, 2010	Devonian
6. <i>Leiopterella tetliei</i> Lamsdell, Braddy, Loeffler & Dineley, 2010	D Nunavut, Canada
† Rhenopterus Størmer, 1936a	Devonian
7. <i>Rhenopterus diensti</i> Størmer, 1936a*	D Willwerath, Germ.
i. = <i>Rhenopterus latus</i> Størmer, 1936a	D Willwerath, Germ.
8. <i>Rhenopterus macrotuberculatus</i> Størmer, 1974	D Alken an der Mosel
9. <i>Rhenopterus tuberculatus</i> Størmer, 1936a	D Overath, Germ.
† STYLONUROIDEA Kjellesvig-Waering, 1959	Silurian – Devonian
† PARASTYLONURIDAE Waterston, 1979	Silurian – Devonian
† Parastylonurus Kjellesvig-Waering, 1966a	Silurian
10. <i>Parastylonurus hendersoni</i> Waterston, 1979	S Pentland Hills, Scotl.
11. <i>Parastylonurus ornatus</i> (Laurie, 1892)*	S Scotland

12. ?*Parastylonurus sigmoidalis* Kjellesvig-Waering, 1971 S Shropshire, UK
- † ***Stylonurella* Kjellesvig-Waering, 1966a** **Silurian – Devonian**
13. *Stylonurella* ?*arnoldi* (Ehlers, 1935) D Pennsylvania, USA
14. *Stylonurella* ?*beecheri* (Hall, 1884c) D Pennsylvania, USA
15. *Stylonurella spinipes* (Page, 1859)* S Kip Burn, Scotland
- i. = *Stylonurus logani* Woodward, 1872 S Kip Burn, Scotland
- † **STYLONURIDAE Diener, 1924** **Silurian–Devonian**
- = † LAURIEIPTERIDAE Kjellesvig-Waering, 1966a
- = † PAGEIDAE Kjellesvig-Waering, 1966a
- † ***Ctenopterus* Clarke & Ruedemann, 1912** **Silurian**
16. *Ctenopterus cestrotus* (Clarke, 1907)* S Otisville, New York
- † ***Laurieipterus* Kjellesvig-Waering, 1966a** **Silurian**
17. *Laurieipterus elegans* (Laurie, 1899)* S Pentland Hills, Scotl.
- † ***Pagea* Waterston, 1962** **Devonian**
18. *Pagea plotnicki* Lamsdell, Braddy, Loeffler & Dineley, 2010 D Nunavut, Canada
19. *Pagea sturrocki* Waterston, 1962* D Old Red Sandstone
20. *Pagea symondsii* (Salter, 1859) D Old Red Sandstone
- † ***Stylonurus* Page, 1856** **Devonian**
21. *Stylonurus powriensis* Page, 1856* D Mid. Valley Scotland
- i. = *Stylonurus ensiformis* Woodward, 1864 D Mid. Valley Scotland
22. ?*Stylonurus shaffneri* Willard, 1933 D Pennsylvania
- † **KOKOMOPTEROIDEA Kjellesvig-Waering, 1966a** **Silurian**
- † **KOKOMOPTERIDAE Kjellesvig-Waering, 1966a** **Silurian**
- † ***Kokomopterus* Kjellesvig-Waering, 1966a** **Silurian**
23. *Kokomopterus longicaudatus* (Clarke & Ruedemann, 1912)* S Kokomo, Indiana
- † ***Lamontopterus* Waterston, 1979** **Silurian**
24. *Lamontopterus knoxae* (Lamont, 1955)* S Pentland Hills, Scotl.
- † **HARDIEOPTERIDAE Tollerton, 1989** **Silurian – Devonian**
- † ***Hallipterus* Kjellesvig-Waering, 1963a** **Devonian**
25. *Hallipterus excelsior* (Hall, 1884a)* D New York
- i. = *Dolichocephala lacoana* Claypole, 1883 D Pennsylvania
- † ***Hardieopterus* Waterston, 1979** **Silurian**
26. ?*Hardieopterus lanarkensis* Waterston, 1979 S Patrick Burn, Scotl.
27. *Hardieopterus macrophthalmus* (Laurie, 1892)* S Pentland Hills, Scotl.
28. *Hardieopterus megalops* (Salter, 1859) S Herefordshire, Engl.
29. *Hardieopterus myops* (Clarke, 1907) S eastern USA
- † ***Tarsopterella* Størmer, 1951** **Devonian**
30. *Tarsopterella scotica* (Woodward, 1872)* D Mid. Valley Scotland
- i. = ?*Erieopterus brewsteri* Woodward, 1864 D Mid. Valley Scotland

- ii. = *Stylonurus armatus* Page, 1867 D Mid. Valley Scotland
- † **MYCTEROPOIDEA Cope, 1886** **Silurian – Permian**
 = † **HIBBERTOPTEROIDEA Kjellesvig-Waering, 1959**
- † **DREPANOPTERIDAE Kjellesvig-Waering, 1966a** **Silurian – Devonian**
- † ***Drepanopterus* Laurie, 1892** **Silurian – Devonian**
31. *Drepanopterus abonensis* Simpson, 1951 D Portishead, England
32. *Drepanopterus odontospathus* Lamsdell, 2012 D Arctic Canada
33. *Drepanopterus pentlandicus* Laurie, 1892* S Pentland Hills, Scotl.
- † **HIBBERTOPTERIDAE Kjellesvig-Waering, 1959** **Devonain – Permian**
 = † **CYRTOCTENIDAE Waterston, Oelofsen & Oosthuizen, 1985**
- † ***Campylocephalus* Eichwald, 1860** **Carboniferous – Perm.**
34. *Campylocephalus oculus* (Kutorga, 1838)* P Dourasovo, Russia
35. *Campylocephalus permianus* (Ponomarenko, 1985) P Komi, Russia
36. ?*Campylocephalus salmi* Stur, 1877 C Ostrava, Czech Rep.
- † ***Cyrtoctenus* Størmer & Waterston, 1968** **Devonian – Carbon.**
37. *Cyrtoctenus caledonicus* (Salter, 1863) C East Lothian, Scotl.
38. *Cyrtoctenus dewalquei* (Fraipont, 1889) D Pont-de-Bonne, Belg.
- i. = *Eurypterus dewalquei* var. *longimanus* Fraipont,
 1889 D Pont-de-Bonne, Belg.
39. *Cyrtoctenus dicki* (Peach, 1883) C Thurso, Scotland
40. *Cyrtoctenus ostraviensis* (Augusta & Přibyl, 1951) C Ostrava, Czech Rep.
41. *Cyrtoctenus peachi* Størmer & Waterston, 1968* C Berwickshire, Scotl.
42. *Cyrtoctenus wittebergensis* Waterston, Oelofsen & Oosthuizen, 1985 ... C Cape Province
- † ***Dunsophterus* Waterston, 1968** **Carboniferous**
43. *Dunsophterus stevensoni* (Etheridge Jr, 1877)* C Berwickshire, Scotl.
- † ***Hastimima* White, 1908** **Permian**
44. *Hastimima whitei* White, 1908* P Brazil
- † ***Hibbertopterus* Kjellesvig-Waering, 1959** **Carboniferous – Perm.**
45. ?*Hibbertopterus hibernicus* (Baily, 1872) C Kiltorcan, Ireland
46. *Hibbertopterus scouleri* (Hibbert, 1836)* C West Lothian, Scotl.
- † ***Vernonopterus* Waterston, 1957** **Carboniferous**
47. *Vernonopterus minutisculptus* (Peach, 1907)* C Lanarkshire, Scotland
- † **MYCTEROPIDAE Cope, 1886** **Carboniferous – Perm.**
 = † **WOODWARDOPTERIDAE Kjellesvig-Waering, 1959**
- † ***Megarachne* Hünicken, 1980** **Carboniferous – Perm.**
48. *Megarachne servinei* Hünicken, 1980* C–P Santa Rosa, Argen.
- † ***Mycterops* Cope, 1886** **Carboniferous**
49. ?*Mycterops blairi* Waterston, 1968 C Loanhead, Scotland
50. *Mycterops matthieui* Pruvost, 1924 C Charleroi, Belgium

51. *Mycterops ordinatus* Cope, 1886* C Channelton, PA
52. ?*Mycterops whitei* Schram, 1984 C Crescent, Iowa
- † **Woodwardopterus Kjellesvig-Waering, 1959** **Carboniferous**
53. *Woodwardopterus scabrosus* (Woodward, 1887)* C Glencarholm, Scotl.
- STYLONURINA incertae sedis**
- † **Stylonuroides Kjellesvig-Waering, 1966a** **Silurian – Devonian**
54. *Stylonuroides dolichopteroides* (Størmer, 1934b)* S Ringerike, Norway
55. *Stylonuroides orientalis* Shpinev, 2012 D Lake Shunet, Siberia
- † **EURYPTERINA Burmeister, 1843** **Ordovician – Permian**
- † **ONYCHOPTERELLOIDEA Lamsdell, 2011** **Ordovician–Silurian**
- † **ONYCHOPTERELLIDAE Lamsdell, 2011** **Ordovician–Silurian**
- † **Alkenopterus Størmer, 1974** **Devonian**
56. *Alkenopterus brevitelson* Størmer, 1974* D Alken an der Mosel
57. *Alkenopterus burglahrensensis* Poschmann & Tetlie, 2004 D Westerwald, Germ.
- † **Onychopterella Størmer, 1951** **Ordovician–Silurian**
58. *Onychopterella augusti* Braddy, Aldridge & Theron, 1995 O Soom Shale, S. Afr.
59. *Onychopterella kokomoensis* (Miller & Gurley, 1896)* S Kokomo, Indiana
- i. = *Eurypterus ranilarva* Clarke & Ruedemann, 1912..... S Kokomo, Indiana
60. ?*Onychopterella pumilus* (Savage, 1916) S Essex, Illinois
- † **Tylopterella Størmer, 1951** **Silurian**
61. *Tylopterella boylei* (Whiteaves, 1884) S Ontario, Canada
- † **MOSELOPTEROIDEA Lamsdell, Braddy & Tetlie, 2010** **Silurian – Devonian**
- † **MOSELOPTERIDAE Lamsdell, Braddy & Tetlie, 2010** **Devonian**
- † **Moselopterus Størmer, 1974** **Devonian**
62. *Moselopterus ancyloptelson* 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
- † **Stoermeropterus 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, 1934b) S Ringerike, Norway
67. *Stoermeropterus nodosus* (Kjellesvig-Waering & Leutze, 1966) S Bass, West Virginia
- † **Vinetopterus Poschmann & Tetlie, 2004** **Devonian**
68. *Vinetopterus martini* Poschmann & Tetlie, 2004 D Westerwald, Germ.
69. *Vinetopterus struvei* (Størmer, 1974)* D Alken an der Mosel
- † **MEGALOGRAPTOIDEA Caster & Kjellesvig-Waering, 1955** **Ordovician**
- † **MEGALOGRAPTIDAE Caster & Kjellesvig-Waering, 1955** **Ordovician**

- † ***Echinognathus* Walcott, 1882** **Ordovician**
70. *Echinognathus clevelandi* Walcott, 1882* O New York
- † ***Megalograptus* Miller, 1874** **Ordovician**
71. *Megalograptus alveolatus* (Shuler, 1915) O Virginia
72. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 O Ohio
73. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 O Ohio
74. *Megalograptus welchi* Miller, 1874* O Ohio
75. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 O Ohio
- † **'EURYPTEROIDEA' Burmeister, 1843** **Ordovician – Devonian**
NB: Lamsdell *et al.* (2013) questioned the monophyly of this superfamily
Family uncertain
- † ***Pentlandopterus* Lamsdell, Hoşgör & Selden, 2013** **Ordovician**
76. *Pentlandopterus minor* (Laurie, 1899)* S Pentland Hills, Scotl.
- † ***Paraeurypterus* Lamsdell, Hoşgör & Selden, 2013** **Ordovician**
77. *Paraeurypterus anatoliensis* Lamsdell, Hoşgör & Selden, 2013* O Şort Tepe, Turkey
- † **DOLICHOPTERIDAE Kjellesvig-Waering & Størmer, 1952** **Silurian – Devonian**
- † ***Clarkeipterus* Kjellesvig-Waering, 1966 [a/b?]** **Silurian**
78. *Clarkeipterus ?otisius* (Clarke, 1907) S eastern USA
79. *Clarkeipterus testudineus* (Clarke & Ruedeman, 1912)* S New York
- † ***Dolichopterus* Hall, 1859** **Silurian**
80. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979 S Gotland, Sweden
81. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 S New York
82. *Dolichopterus macrocheirus* Hall, 1859* S New York / Canada
83. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912 S New York / Canada
- † ***Ruedemannipecterus* Kjellesvig-Waering, 1966** **Silurian**
84. *Ruedemannipecterus stylonuroides* (Clarke & Ruedemann, 1912)* S Otisville, New York
- † **EURYPTERIDAE Burmeister, 1843** **Silurian**
- † ***Eurypterus* de Kay, 1825** **Silurian**
= † *Baltoeurypterus* Størmer, 1973
85. *?Eurypterus cephalaspis* Salter, 1856 S Herefordshire, Engl.
86. *Eurypterus dekayi* Hall, 1859 S New York / Ontario
87. *Eurypterus flintstonensis* Swartz, 1923 S eastern USA
88. *Eurypterus hankeni* Tetlie, 2006a 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, 2006a S Somerset Is., Canada

93. *Eurypterus megalops* Clarke & Ruedemann, 1912 S New York
94. *Eurypterus ornatus* Leutze, 1958 S Fayette, Ohio
95. *Eurypterus pittsfordensis* Sarle, 1903 S Pittsford, New York
96. *Eurypterus quebecensis* Kjellesvig-Waering, 1958 S Québec, Canada
97. *Eurypterus remipes* DeKay, 1825* S New York / Ontario
- i. = *Carcinosoma trigona* (Ruedemann, 1916)..... S New York
98. *Eurypterus serratus* (Jones & Woodward, 1888) S Gotland, Sweden
99. *Eurypterus tetragonophthalmus* Fischer, 1839 S Saaremaa, Estonia
- i. = *Eurypterus fischeri* Eichwald, 1854 S Estonia / Ukraine
- ii. = *Eurypterus fischeri* var. *rectangularis* Schmidt, 1883...S Saaremaa, Estonia
- † **ERIEOPTERIDAE Tollerton, 1989** **Silurian – Devonian**
- † ***Erieopterus* Kjellesvig-Waering, 1958** **Silurian – Devonian**
100. *Erieopterus eriensis* (Whitfield, 1882)..... S Ohio
101. *Erieopterus hypsophthalmus* Kjellesvig-Waering, 1958..... S Ohio
- 102.? *Erieopterus laticeps* (Schmidt, 1883) S Saaremaa, Ringerike
- 103.? *Erieopterus limuloides* (Kjellesvig-Waering, 1948a) S Kokomo, Indiana
104. *Erieopterus microphthalmus* (Hall, 1859)*..... D New York / Canada
- 105.? *Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
- 106.? *Erieopterus statzi* Størmer, 1936a D Siegburg, Germany
- 107.? *Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 S Michigan
- † **STROBILOPTERIDAE Lamsdell & Selden, 2013** **Silurian – Devonian**
- † ***Buffalopterus* Kjellesvig-Waering & Heubusch, 1962** **Silurian**
108. *Buffalopterus pustulosus* (Hall, 1859)*..... S New York / Ontario
- i. = *Eurypterus giganteus* Pohlman, 1882..... S New York / Ontario
- ii. = *Pterygotus globicaudatus* Pohlman, 1882..... S New York / Ontario
- † ***Strobilopterus* Ruedemann, 1935** **Silurian – Devonian**
- = † *Syntomopterus* Kjellesvig-Waering, 1961 [preoccupied]
- = † *Syntomopterella* Tetlie, 2007 [replacement name]
109. *Strobilopterus laticeps* (Schmidt, 1883) S Saaremaa, Estonia
- i. = *Dolichopterus stoermeri* Caster & Kjellesvig-Waering,
 1956 S Saaremaa, Estonia
110. *Strobilopterus princetonii* (Ruedemann, 1934)* D Wyoming, USA
- i. = *Erieopterus latus* Ruedemann, 1935 D Wyoming, USA
111. *Strobilopterus proteus* Lamsdell & Selden, 2013 D Wyoming, USA
112. *Strobilopterus richardsoni* (Kjellesvig-Waering, 1961a*) D Ohio
- † **DIPLOPERCULATA Lamsdell, Hoşgör & Selden, 2013** **Ordovician – Devonian**
- † **CARCINOSOMATOIDEA Størmer, 1934b** **Ordovician – Devonian**
- = † MIXOPTEROIDEA Caster & Kjellesvig-Waering, 1955
- † **CARCINOSOMATIDAE Størmer, 1934b** **Ordovician – Devonian**

- † **Carcinosoma Claypole, 1890b** **Silurian**
 = † *Eurysoma* Claypole, 1890a [preoccupied]
- 113.? *Carcinosoma harleyi* Kjellesvig-Waering, 1961b S England
 114. *Carcinosoma libertyi* Copeland & Bolton, 1960 S Manitoulin I., Canada
 115. *Carcinosoma newlini* (Claypole, 1890a)* S Kokomo, Indiana
 i. = *Carcinosoma ingens* Claypole, 1894 S Kokomo, Indiana
 116.? *Carcinosoma punctatum* (Salter in Huxley & Salter, 1859) S England
 117. *Carcinosoma scorpioides* (Woodward, 1868) S Lesmahagow
 i. = *Pterygotus raniceps* Woodward, 1868 S Lesmahagow
 118. *Carcinosoma scoticus* (Laurie, 1899) S Pentland Hills, Scotl.
 119.? *Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 S Pittsford, New York
- † **Eocarcinosoma Caster & Kjellesvig-Waering, 1964** **Ordovician**
 120. *Eocarcinosoma batrachophthalmus* Caster & Kjellesvig-Waering,
 1964* O Ohio
- † **Eusarcana Strand, 1942** **Silurian – Devonian**
 = † *Eusarcus* Grote & Pitt, 1875 [preoccupied]
 = † *Paracarcinosoma* Caster & Kjellesvig-Waering, 1964
121. *Eusarcana acrocephalus* (Semper, 1898) S–D Barrandian area
 122. *Eusarcana obesus* (Woodward, 1868) S Lesmahagow
 123. *Eusarcana scorpionis* (Grote & Pitt, 1875)* S New York / Ontario
- † **Rhinocarcinosoma Novojilov, 1962** **Silurian**
 124. *Rhinocarcinosoma cicerops* (Clarke, 1907) S Otisville, New York
 125. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 S Dô Son, Vietnam
 126. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)* S Clinton, New York
- † **MIXOPTERIDAE Caster & Kjellesvig-Waering, 1955** **Silurian**
 = † LANARKOPTERIDAE Tollerton, 1989
- † **Lanarkopterus Ritchie, 1968** **Silurian**
 127. *Lanarkopterus dolichoschelus* (Størmer, 1936b)* S Scotland
- † **Mixopterus Ruedemann, 1921** **Silurian**
 128. *Mixopterus kiaeri* Størmer, 1934b S Ringerike, Norway
 129. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)* S New York
 130. *Mixopterus simonsoni* Schmidt, 1883 S Saaremaa, Estonia
- † **'WAERINGOPTEROIDEA'** **Silurian – Devonian**
 NB: Superfamily name appears to be derived from a thesis; a family Waeringopteridae has not been formally published
- † **Grossopterus Størmer, 1934c** **Devonian**
 131. *Grossopterus overathi* (Gross, 1933)* D Overath
 132. *Grossopterus inexpectans* (Ruedemann, 1921) D Gilboa
- † **Orcanopterus Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** **Ordovician**
 133. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser

- & Devereux, 2005* O Manitoulin I., Canada
- † **Waeringopterus Leutze, 1961** **Silurian**
134. *Waeringopterus apfeli* Leutze, 1961 S New York / Ontario
135. *Waeringopterus cumberlandicus* (Swartz, 1923)* S West Virginia
- i. = *Eurypterus swartzi* Kjellesvig-Waering, 1958 S West Virginia
- † **ADELOPHTHALMOIDEA Tollerton, 1989** **Devonian – Permian**
- † **ADELOPHTHALMIDAE Tollerton, 1989** **Devonian – Permian**
- † **Adelophthalmus Jordan in Jordan & von Mayer, 1854** **Devonian – Permian**
- = † *Lepidoderma* Reuss, 1855
- = † *Anthraconectes* Meek & Worthen, 1868 [a/b?]
- = † *Polyzosternites* Goldenberg, 1873
- = † *Glyptoscorpis* Peach, 1882
136. *Adelophthalmus approximatus* (Hall & Clarke, 1888) C Pennsylvania, USA
137. *Adelophthalmus asturica* (Melendez, 1971) C d'Ablana, Spain
138. *Adelophthalmus bradorensis* (Bell, 1922) C N. Campbelltown
139. *Adelophthalmus cambieri* (Pruvost, 1930) C Charleroi, Belgium
- 140.? *Adelophthalmus carbonarius* (Chernyshev, 1933) C Donets, Ukraine
141. *Adelophthalmus chinensis* (Grabau, 1920) C–P Zhaozezhuang
142. *Adelophthalmus corneti* (Pruvost, 1939) C Quaregnon, Belgium
143. *Adelophthalmus douvillei* (de Lima, 1890) P Bussaco, Portugal
144. *Adelophthalmus dumonti* (Stainier, 1917) C Mechelen-sur-Meuse
145. *Adelophthalmus granosus* Jordan in Jordan & von Meyer, 1854* C Saarbrücken, Germ.
146. *Adelophthalmus imhofi* (Reuss, 1855) C Vlkys, Czech Rep.
147. *Adelophthalmus irinae* Shpinev, 2006 C Krasnoyarsk, Russia
148. *Adelophthalmus kidstoni* (Peach, 1888) C Radstock, England
- 149.? *Adelophthalmus lohesti* (Dewalque in Fraipont 1889) D Pont de Bonne, Belg.
150. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 P New Mexico
151. *Adelophthalmus mansfieldi* (Hall, 1877) C Pennsylvania
- i. = *Eurypterus stylus* Hall, 1884 C Pennsylvania
152. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) C Illinois
153. *Adelophthalmus moyseyi* (Woodward, 1907a) C Ilkeston, Blaengarw
- i. = *Eurypterus derbiensis* Woodward, 1907a C Ilkeston, England
154. *Adelophthalmus nebraskensis* (Barbour, 1914) P Nebraska
155. *Adelophthalmus pennsylvanicus* (Hall, 1877) C Pennsylvania
- 156.? *Adelophthalmus perornatus* (Peach, 1882) C Glencartholm, Scotl.
157. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948b C Lens, France
158. *Adelophthalmus piussii* Lamsdell, Simonetto & Selden 2013 C Carnic Alps, Italy
- 159.? *Adelophthalmus raniceps* Goldenberg, 1873 C Saarbrücken, Germ.
160. *Adelophthalmus sellardsi* (Dunbar, 1924) P Elmo, Kansas
161. *Adelophthalmus sievertsi* (Størmer, 1969) D Willwerath, Germ.
- i. = ?*Eurypterus trapezoides* Størmer, 1974 D Nellenköpfchen, Ger.

162. <i>Adelophthalmus waterstoni</i> (Tetlie <i>et al.</i> , 2004)	D Kimberley, Australia
163. <i>Adelophthalmus wilsoni</i> (Woodward, 1888)	C Radstock, England
164. <i>Adelophthalmus zadrai</i> Přibyl, 1952	C Moravo-Silesia
† Bassipterus Kjellesvig-Waering & Leutze, 1966	Silurian
165. <i>Bassipterus virginicus</i> Kjellesvig-Waering & Leutze, 1966*	S Bass, West Virginia
† Esyslopterus Tetlie & Poschmann, 2008	Silurian
166. <i>Esyslopterus patteni</i> (Størmer, 1934d)	S Saaremaa, Estonia
† Nanahughmilleria Kjellesvig-Waering, 1961b	Silurian – Devonian
167. <i>Nanahughmilleria clarkei</i> Kjellesvig-Waering, 1964b	S Otisville, New York
168. <i>Nanahughmilleria norvegica</i> (Kiær, 1911)*	S Ringerike, Norway
i. = <i>Eurypterus minutus</i> Kiær, 1911	S Ringerike, Norway
169. <i>Nanahughmilleria notosiberica</i> Shpinev, 2012	D Krasnoyarsk, Siberia
170. ? <i>Nanahughmilleria prominens</i> (Hall, 1884b)	S Cayuga, New York
171. <i>Nanahughmilleria pygmaea</i> (Salter, 1859)	S Herefordshire, Engl.
172. ? <i>Nanahughmilleria schiraensis</i> (Pirozhnikov, 1957).....	D Khakassia, Russia
† Parahughmilleria Kjellesvig-Waering, 1961b	Silurian – Devonian
173. <i>Parahughmilleria bellistriata</i> (Kjellesvig-Waering, 1950a)	S West Virginia
174. <i>Parahughmilleria hefteri</i> Størmer, 1973	D Rhenish Massif, Ge.
175. <i>Parahughmilleria longa</i> Shpinev, 2012	D Lake Shunet, Siberia
176. <i>Parahughmilleria maria</i> (Clarke, 1907)	S New York
177. <i>Parahughmilleria matarakensis</i> (Pirozhnikov, 1957)	D Khakassia, Russia
178. <i>Parahughmilleria salteri</i> Kjellesvig-Waering, 1961b*	S Herefordshire, Engl.
† Pittsfordipterus Kjellesvig-Waering & Leutze, 1966	Silurian
179. <i>Pittsfordipterus phelpsae</i> (Ruedemann, 1921)*	S Pittsford, New York
† PTERYGOTIOIDEA Clarke & Ruedemann, 1912	Silurian – Devonian
† HUGHMILLERIIDAE Kjellesvig-Waering, 1951	Silurian
† Herefordopterus Tetlie, 2006b	Silurian
180. <i>Herefordopterus banksii</i> (Salter, 1856)*	S Herefordshire, Engl.
i. = <i>Eurypterus acuminatus</i> Salter, 1859a	S Herefordshire, Engl.
† Hughmilleria Sarle, 1903	Silurian
181. <i>Hughmilleria shawangunk</i> Clarke, 1907	S eastern USA
182. <i>Hughmilleria socialis</i> Sarle, 1903*	S Pittsford, New York
i. = <i>Hughmilleria robusta</i> Sarle, 1903	S Pittsford, New York
183. <i>Hughmilleria wangi</i> Tetlie, Selden & Ren, 2007	S Hunan, China
† SLIMONIDAE Novojilov, 1968	Silurian
† Salteropterus Kjellesvig-Waering, 1951	Silurian
184. <i>Salteropterus abbreviatus</i> (Salter, 1859)*	S Herefordshire, Engl.
† Slimonia Page, 1856	Silurian
185. <i>Slimonia acuminata</i> Salter, 1856*	S Lesmahagow
i. = <i>Himantopterus maximus</i> Salter, 1856	S Lesmahagow

186. *Slimonia boliviana* Kjellesvig-Waering, 1973 S Cochambamba, Bol.
 187. *Slimonia dubia* Laurie, 1899 S Pentland Hills, Scotl.
- † **PTERYGOTIDAE Clarke & Ruedemann, 1912** **Silurian – Devonian**
 = † JAEKELOPTERIDAE Størmer, 1974
- † ***Acutiramus* Ruedemann, 1935** **Silurian – Devonian**
188. *Acutiramus bohemicus* (Barrande, 1872) S Barrandian area
 i. = *Pterygotus comes* Barrande, 1872 S Barrandian area
 ii. = *Pterygotus mediocris* Barrande, 1872 S Barrandian area
 iii. = *Pterygotus blahai* Semper, 1898 S Barrandian area
 iv. = *Pterygotus fissus* Seemann, 1906 S Barrandian area
189. *Acutiramus cummingsi* (Grote & Pitt, 1875) S USA / Canada
 i. = *Pterygotus acuticaudatus* Pohlman, 1882 S New York
 ii. = *Pterygotus buffaloensis* Pohlman, 1881 S New York
 iii. = *Pterygotus quadraticaudatus* Pohlman, 1882 S New York
190. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 S Kenwood, New York
191. *Acutiramus macrophthalmus* (Hall, 1859)* S USA / Canada
 i. = *Pterygotus osborni* Hall, 1859 S New York
 ii. = *Pterygotus cobbi* var. *juvenis* Clarke & Ruedemann,
 1912 S New York
192. *Acutiramus perneri* Chlupáč, 1994 D Barrandian area
193. *Acutiramus perryensis* Leutze, 1958 S Ohio
194. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 S? Florida
- † ***Ciurcopteris* Tetlie & Briggs, 2009** **Silurian**
195. *Ciurcopteris sarlei* (Ciurca & Tetlie, 2007) S Pittsford, New York
196. *Ciurcopteris ventricosus* (Kjellesvig-Waering, 1948a)* S Kokomo, Indiana
- † ***Erettopteris* Salter in Huxley & Salter, 1859** **Silurian – Devonian**
 = † *Truncatiramus* Kjellesvig-Waering, 1961b
197. *Erettopteris bilobus* (Salter, 1856)* S Lesmahagow
 i. = *Eurypterus perornatus* Salter, 1856 S Lesmahagow
 ii. = *Pterygotus bilobus* var. *acidens* Woodward, 1878 S Lesmahagow
 iii. = *Pterygotus bilobus* var. *crassus* Woodward, 1878 S Lesmahagow
 iv. = *Pterygotus bilobus* var. *inornatus* Woodward, 1878 ... S Lesmahagow
 v. = *Pterygotus bilobus* var. *perornatus* Woodward, 1878. S Lesmahagow
 vi. = *Pterygotus perornatus* var. *plicatissimus* Salter in
 Huxley & Salter, 1859 S Lesmahagow
198. *Erettopteris brodiei* Kjellesvig-Waering, 1961b S Herefordshire, Engl.
199. *Erettopteris canadensis* (Dawson, 1879) S Ontario, Canada
200. *Erettopteris exophthalmus* Kjellesvig-Waering & Leutze, 1966 S Bass, West Virginia
201. *Erettopteris gigas* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
202. *Erettopteris globiceps* Clarke & Ruedemann, 1912 S eastern USA
203. *Erettopteris grandis* Pohlman, 1881 S New York

204. *Erettopterus holmi* (Størmer, 1934*b*) S Ringerike, Norway
205. *Erettopterus laticauda* Schmidt, 1883 S Saaremaa, Estonia
206. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* S England
207. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* S England
208. *Erettopterus osiliensis* Schmidt, 1883 S Saaremaa, Estonia
209. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* S Pennsylvania
210. *Erettopterus serratus* Kjellesvig-Waering, 1961*b* D Ohio
211. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
212. ?*Erettopterus vogti* Størmer, 1934*a* D Spitsbergen
213. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 S Kenwood, New York
- † **Jaekelopterus Waterston, 1964** **Devonian**
214. *Jaekelopterus howelli* Kjellesvig-Waering & Størmer, 1952 D Wyoming
- i. = *Pterygotus mcgrewi* Kjellesvig-Waering & Richardson
 In Kjellesvig-Waering (1986) [*nomen nudum*] D Wyoming
215. *Jaekelopterus rhenaniae* (Jaekel, 1914)* D Rhenish Massif, Ger.
- † **Necrogammarus Woodward, 1870** **Silurian**
216. *Necrogammarus salweyi* Woodward, 1870 S Herefordshire, Engl.
- † **Pterygotus Agassiz, 1839** **Silurian – Devonian**
- = † *Curviramus* Reudemann, 1935
217. *Pterygotus anglicus* Agassiz, 1844* D Scotland, Canada
- i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912 D New Brunswick, Can.
- ii. = *Pterygotus minor* Woodward, 1864 D Scotland
218. *Pterygotus arcuatus* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
219. ?*Pterygotus australis* McCoy, 1899 S Melbourne, Australia
220. *Pterygotus barrandei* Semper, 1898 S Barrandian area
- i. = *Pterygotus beraunensis* Semper, 1898 S Barrandian area
221. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* D Belen, Bolivia
222. *Pterygotus carmani* Kjellesvig-Waering, 1961 D Ohio
223. *Pterygotus cobbi* Hall, 1859 S New York / Canada
224. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
225. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* D Florida
226. *Pterygotus gaspesiensis* Russell, 1953 D Québec, Canada
227. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* S England
228. ?*Pterygotus impacatus* Kjellesvig-Waering, 1964*a* S Saaremaa, Estonia
229. *Pterygotus kopaninensis* Barrande, 1872 S Barrandian area, Cz.
230. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* S Lesmahagow, Scotl.
231. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* S England
232. *Pterygotus ludensis* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
233. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* S Maryland
234. *Pterygotus monroensis* Sarle 1902 S New York

EURYPTERIDA *incertae sedis*

† Dorfopterus Kjellesvig-Waering, 1955	Devonian
235. <i>Dorfopterus angusticollis</i> Kjellesvig-Waering, 1955*	D Wyoming
† ? Dolichopterus	
236. ? <i>Dolichopterus asperatus</i> Kjellesvig-Waering, 1961 [a/b?]	D Ohio
237. ? <i>Dolichopterus bulbosus</i> Kjellesvig-Waering, 1961 <i>b</i>	S Herefordshire, Engl.
238. ? <i>Dolichopterus herkimerensis</i> Caster & Kjellesvig-Waering, 1956	S New York / Canada
† ? Eurypterus	
239. ? <i>Eurypterus loi</i> Chang, 1957 [non eurypterid?]	S Hubei, China
240. ? <i>Eurypterus podolicus</i> Chernyshev, 1947	S Ukraine
241. ? <i>Eurypterus satpaevi</i> Simorin, 1956	C Karaganda, Kazakh.
242. ? <i>Eurypterus styliformis</i> Chang, 1957 [non eurypterid?]	S Hubei, China
243. ? <i>Eurypterus tschernyschevi</i> Simorin, 1956	C Karaganda, Kazakh.
244. ? <i>Eurypterus yangi</i> Chang, 1957 [non eurypterid?]	S Hubei, China
† Holmipterus Kjellesvig-Waering, 1979	Silurian
245. <i>Holmipterus suecicus</i> Kjellesvig-Waering, 1979	S Gotland, Sweden
† Marsupipterus Caster & Kjellesvig-Waering, 1955	Silurian
246. <i>Marsupipterus sculpturatus</i> Caster & Kjellesvig-Waering, 1955*	S Herefordshire, Engl.
† ? Nanahughmilleria	
247. ? <i>Nanahughmilleria lanceolata</i> Salter, 1856	S Lesmahagow
i. = <i>Eurypterus chartarius</i> Salter, 1859	S Lesmahagow
ii. = <i>Eurypterus linearis</i> Salter, 1859	S Lesmahagow
† ? Salteropterus	
248. ? <i>Salteropterus longilabium</i> Kjellesvig-Waering, 1961 <i>b</i>	S Welsh Borderlands
† ? Stylonurus	
249. ? <i>Stylonurus perspicillum</i> Størmer, 1969	D Willwerath, Germany
† Unionopterus Chernyshev, 1948	Carboniferous
250. <i>Unionopterus anastasiae</i> Chernyshev, 1948*	C Kazakhstan

NOMINA DUBIA

1. <i>Bunodella horrida</i> Matthew, 1888 [<i>non Xiphosura</i>]	S New Brunswick
2. ? <i>Dunsopterus wrightianus</i> Dawson 1881	D New York
3. <i>Eurypterella ornata</i> Matthew, 1888	C 'Fern Ledges'
4. <i>Eurypterus potens</i> Hall, 1884	C Pennsylvania
5. <i>Eurypterus pulicaris</i> Salter, 1863	D New Brunswick
6. <i>Hastimima sewardi</i> Strand, 1926	D South Africa
7. ? <i>Pterygotus formosus</i> Dawson, 1871	D Gaspé, Canada
8. <i>Pterygotus nobilis</i> Barrande, 1872	S Barrandian area
9. <i>Pterygotus siemiradzki</i> Strand, 1926	D Podolia, Ukraine
10. <i>Pterygotus taurinus</i> Salter, 1868	S Ewyas Harold, Engl.
11. ? <i>Slimonia stylops</i> Salter <i>in</i> 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] C Wisconsin
6. *Kockurus grandis* Chlupáč, 1995 [?aglaspidid] C central Bohemia
7. *Kodymirus vagans* Chlupáč & Havlíček, 1965 [?aglaspidid] C central Bohemia
8. *Mazonipterus cyclophthalmus* Kjellesvig-Waering, 1963b [plant] C Mazon Creek
9. *Melbournopterus crossotus* Caster & Kjellesvig-Waering, 1953 [brachiopod] ... S Melbourne, Australia
10. *Pterygotus expectatus* Barrande, 1872 [crustacean] S Barrandian area
11. *Pterygotus (Curviramus) elleri* Ruedemann, 1935 [crustacean] D New York
12. *Pterygotus (Curviramus) montanensis* Ruedemann, 1935 [crustacean] D Montana
13. *Pterygotus (Leptocheles) leptodactylum* M'Coy, 1849 [crustacean] S Herefordshire, Engl.

PSEUDOFOSILS

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 pC M. Pradesh, India
17. *?Eurypterus pristinus* (Clarke & Ruedemann, 1912) O New York
18. *Eurypterus vermai* Dubey, 1985 pC M. Pradesh, India
19. *Hughmilleria chiplokari* Dubey, 1985 pC 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

117 currently valid species of fossil scorpion

SCORPIONES C. L. Koch, 1851	Silurian – Recent
† Plesion (Family) PROSCORPIIDAE Scudder, 1885	Silurian – Carbon.
= † ARCHAEOCTONIDAE Petrunkevitch, 1949	
= † HYDROSCORPIONIDAE Kjellesvig-Waering, 1986	
= † LABRIOSCORPIONIDAE Kjellesvig-Waering, 1986	
= † STOERMEROSCORPIONIIDAE Kjellesvig-Waering, 1986	
= † WAERINGOSCORPIONIDAE Størmer, 1970	
† Archaeoctonus Pocock, 1911	Carboniferous
1. <i>Archaeoctonus glaber</i> (Peach, 1883)*	C Glencartholm
† Hydroscorpius Kjellesvig-Waering, 1986	Devonian
2. <i>Hydroscorpius denisoni</i> Kjellesvig-Waering, 1986*	D Wyoming
† Labriscorpio Leary, 1980	Carboniferous
3. <i>Labriscorpio alliedensis</i> Leary, 1980*	C Illinois
† Proscorpius Whitfield, 1885b	Silurian
= † <i>Archaeophonus</i> Kjellesvig-Waering, 1966b	
= † <i>Stoermeroscorpio</i> Kjellesvig-Waering, 1986	
4. <i>Proscorpius osborni</i> (Whitfield, 1885a)*	S ‘Bertie Waterlime’
i. = <i>Archaeophonus eurypteroides</i> Kjellesvig-Waering,	
1966b*	S ‘Bertie Waterlime’
ii. = <i>Stoermeroscorpio delicatus</i> Kjellesvig-Waering, 1986	S ‘Bertie Waterlime’
† Pseudoarchaeoctonus Kjellesvig-Waering, 1986	Carboniferous
5. <i>Pseudoarchaeoctonus denticulatus</i> Kjellesvig-Waering, 1986*	C Glencartholm
† Waeringoscorpio Størmer, 1970	Devonian
6. <i>Waeringoscorpio hefteri</i> Størmer, 1970*	D Alken an der Mosel
7. <i>Waeringoscorpio westerwaldensis</i> 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. <i>Branchioscorpio richardsoni</i> Kjellesvig-Waering, 1986*	D Wyoming
† DOLICHOPHONIIDAE Petrunkevitch, 1953	Silurian
† <i>Dolichophonus</i> 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**
- † ***Acanthoscorpio* 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
- † ***Gigantoscopus* Størmer, 1963** **Carboniferous**
 21. *Gigantoscopus willsi* Størmer, 1963* C Glencartholm
- † ***Petaloscopus* Kjellesvig-Waering, 1986** **Devonian**
 22. *Petaloscopus bureauui* Kjellesvig-Waering, 1986* D Miguasha, Quebec
- † **MESOPHONOIDEA Wills, 1910** **Carbon. – Triassic**
- † **CENTROMACHIDAE Petrunkevitch, 1953** **Carboniferous**
 = † ANTHRACOCOAERILIDAE 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
- † ***Phoxiscopus* Kjellesvig-Waering, 1986** **Carboniferous**
 25. *Phoxiscopus peachi* Kjellesvig-Waering, 1986* C Dalmeny, Edinburgh
- † ***Pulmonoscorpium* Jeram, 1994a** **Carboniferous**
 26. *Pulmonoscorpium kirktonensis* Jeram, 1994a* C East Kirkton
- † **GALLIOSCORPIONIDAE Lourenço & Gall, 2004** **Triassic**
- † ***Gallioscorpium* Lourenço & Gall, 2004** **Triassic**
 27. *Gallioscorpium voltzi* Lourenço & Gall, 2004* Tr Vosges, France
- † **HELOSCORPIONIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Heloscorpium* Kjellesvig-Waering, 1986** **Carboniferous**
 28. *Heloscorpium sutcliffei* (Woodward, 1907b)* C Sparth Bottoms
- † **MAZONIIDAE Petrunkevitch, 1913** **Carboniferous**
- † ***Mazonia* Meek & Worthen, 1868b** **Carboniferous**
 29. *Mazonia wardingleyi* (Woodward, 1907b) C Sparth Bottoms
 30. *Mazonia woodiana* Meek & Worthen, 1868b* 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 **Devonian – 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, 1871a **Devonian**
36. *Praearcturus gigas* Woodward, 1871a* 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. <i>Eobuthus cordai</i> Kjellesvig-Waering, 1986	C Kralupy Hill
44. <i>Eobuthus holti</i> Pocock, 1911	C Sparth Bottoms
45. <i>Eobuthus rakovnicensis</i> Frič, 1904*	C Rakovník
† EOSCORPIIDAE Scudder, 1884	Carboniferous
† Eoscorpium Meek & Worthen, 1868a	Carboniferous
= † <i>Alloscorpium</i> Petrunkevitch, 1949	
= † <i>Europhthalmus</i> Petrunkevitch, 1949	
= † <i>Lichnophthalmus</i> Petrunkevitch, 1949	
= † <i>Trigonoscorpium</i> Petrunkevitch, 1913	
= † <i>Typhloscorpium</i> Petrunkevitch, 1949	
46. <i>Eoscorpium bornaensis</i> Sterzel, 1918	C Chemnitz–Borna
47. <i>Eoscorpium carbonarius</i> Meek & Worthen, 1868a*	C Mazon Creek
i. = <i>Eoscorpium typicus</i> Petrunkevitch, 1913	C Mazon Creek
ii. = <i>Eoscorpium granulatus</i> Petrunkevitch, 1913	C Mazon Creek
iii. = <i>Trigonoscorpium americanus</i> Petrunkevitch, 1913	C Mazon Creek
48. <i>Eoscorpium casei</i> Kjellesvig-Waering, 1986	C Nova Scotia
49. <i>Eoscorpium distinctus</i> (Petrunkevitch, 1949)	C Coseley
50. <i>Eoscorpium mucronatus</i> Kjellesvig-Waering, 1986	C Barnsley
51. <i>Eoscorpium pulcher</i> (Petrunkevitch, 1949)	C Barnsley
i. = <i>Europhthalmus longimanus</i> Petrunkevitch, 1949	C Barnsley
52. <i>Eoscorpium sparthenensis</i> Baldwin & Sutcliffe, 1904	C Sparth Bottoms
† Eskioscorpium Kjellesvig-Waering, 1986	Carboniferous
53. <i>Eskioscorpium parvum</i> Kjellesvig-Waering, 1986*	C Glencartholm
† Trachyscorpium Kjellesvig-Waering, 1986	Carboniferous
54. <i>Trachyscorpium squarrosus</i> Kjellesvig-Waering, 1986*	C Fouldon
† ISOBUTHIDAE Petrunkevitch, 1913	Carbon. – Triassic
† Boreoscorpium Kjellesvig-Waering, 1986	Carboniferous
55. <i>Boreoscorpium copelandi</i> Kjellesvig-Waering, 1986*	C Nova Scotia
† Bromsgroviscorpium Kjellesvig-Waering, 1986	Triassic
56. <i>Bromsgroviscorpium willsi</i> Kjellesvig-Waering, 1986*	Tr Keuper sandstone
† Feistmantelia Frič, 1904	Carboniferous
57. <i>Feistmantelia ornata</i> Frič, 1904*	C Studnoves
† Isobuthus Frič, 1904	Carboniferous
58. <i>Isobuthus kralupensis</i> (Thorell & Lindström, 1885)*	C Kralupy
59. ? <i>Isobuthus nyransensis</i> Frič, 1904	C Nýřany
† KRONOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† Kronoscorpium Kjellesvig-Waering, 1986	Carboniferous
60. <i>Kronoscorpium danielsi</i> (Petrunkevitch, 1913)*	C Mazon Creek

† PAREOBUTHIDAE Wills, 1959	Carboniferous
† <i>Pareobuthus</i> Wills, 1959	Carboniferous
61. <i>Pareobuthus salopiensis</i> Wills, 1959*	C Shropshire
† PARAISOBUTHOIDEA Kjellesvig-Waering, 1986	Carboniferous
† OPSIEOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Opsieobuthus</i> Kjellesvig-Waering, 1986	Carboniferous
62. <i>Opsieobuthus pottsvillensis</i> (Moore, 1923)*	C Indiana
† PARAISOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Paraisobuthus</i> Kjellesvig-Waering, 1986	Carboniferous
63. <i>Paraisobuthus duobicarinatus</i> Kjellesvig-Waering, 1986	C Shipley
64. <i>Paraisobuthus frici</i> Kjellesvig-Waering, 1986	C Kralupy Hill
65. <i>Paraisobuthus prantli</i> Kjellesvig-Waering, 1986*	C Rakovnik
66. <i>Paraisobuthus virginiae</i> Kjellesvig-Waering, 1986	C Mazon Creek
† SCOLOPOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Benniescorpio</i> Wills, 1960	Carboniferous
67. <i>Benniescorpio tuberculatus</i> (Peach, 1883)*	C Dysart, Fife
† <i>Scoloposcorpio</i> Kjellesvig-Waering, 1986	Carboniferous
68. <i>Scoloposcorpio cramondensis</i> Kjellesvig-Waering, 1986*	C Cramond, Edinburgh
† TELMATOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Telmatoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
69. <i>Telmatoscorpio brevipectus</i> Kjellesvig-Waering, 1986*	C Mazon Creek
† LOBOARCHAEOCTONOIDEA Kjellesvig-Waering, 1986	Carboniferous
† LOBOARCHAEOCTONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Loboarchaeoctonus</i> Kjellesvig-Waering, 1986	Carboniferous
70. <i>Loboarchaeoctonus squamosus</i> Kjellesvig-Waering, 1986*	C Glencarholm
† WATERSTONIIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Waterstonia</i> Kjellesvig-Waering, 1986	Carboniferous
71. <i>Waterstonia airdriensis</i> Kjellesvig-Waering, 1986*	C Airdrie
† PALAEOPHONOIDEA Thorell & Lindström, 1884	Silurian
† PALAEOPHONIDAE Thorell & Lindström, 1884	Silurian
† <i>Palaeophonus</i> Thorell & Lindström, 1884	Silurian
72. <i>Palaeophonus nuncius</i> Thorell & Lindström, 1884*	S Visby, Gotland
73. ? <i>Palaeophonus lightbodyi</i> Kjellesvig-Waering, 1954 [claw only !]	S Ludford Lane

- ORTHOSTERNINA Pocock, 1911** **Carbon. – Recent**
Orthosternina *incertae sedis*
- † **Corniops Jeram, 1994b** **Carboniferous**
 74. *Corniops mapesii* Jeram, 1994b* C Lone Star Lake
- SCORPIONIOIDEA Latreille, 1802** **Carbon. – Recent**
 † **PALAEOPISTHACANTHIDAE Kjellesvig-Waering, 1986** **Carboniferous**
 † **Cryptoscorpium Jeram, 1994b** **Carboniferous**
 75. *Cryptoscorpium americanus* Jeram, 1994b* C Lone Star Lake
- † **Palaeopisthacanthus Petrunkevitch, 1913** **Carboniferous**
 76. *Palaeopisthacanthus schucherti* Petrunkevitch, 1913* C Mazon Creek
 77. *Palaeopisthacanthus vogelandurdeni* Jeram, 1994b C Lone Star Lake
- family uncertain**
- † **Compsoscorpium Petrunkevitch 1949** **Carboniferous**
 = † *Allobuthiscorpium* Kjellesvig-Waering, 1986
 = † *Coseleyscorpium* Kjellesvig-Waering, 1986
 = † *Leioscorpium* Kjellesvig-Waering, 1986
 = † *Lichnoscorpium* Petrunkevitch, 1949
 = † *Pseudobuthiscorpium* Kjellesvig-Waering, 1986
 = † *Typhlopisthacanthus* Petrunkevitch, 1949
78. *Compsoscorpium buthiformis* (Pocock, 1911)* C Coal Measures
 i. = *Typhlopisthacanthus anglicus* Petrunkevitch, 1949 ... C Coseley
 ii. = *Lichnoscorpium minutus* Petrunkevitch, 1949 C Coseley
 iii. = *Compsoscorpium elegans* Petrunkevitch 1949 C Coseley
 iv. = *Compsoscorpium elongatus* Petrunkevitch, 1949 C Coseley
 v. = *Buthiscorpium major* Wills, 1960 C Kilburn Coal
 vi. = *Leioscorpium pseudobuthiformis* Kjellesvig-Waering,
 1986 C Coseley
 vii. = *Pseudobuthiscorpium labiosus* Kjellesvig-Waering,
 1986 C Coseley
 viii. = *Coseleyscorpium 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**
 79. *Palaeoburmesebuthus grimaldii* Lourenço, 2002* K Myanmar amber

† ARCHAEOBUTHIDAE Lourenço, 2001	Cretaceous
† <i>Archaeobuthus</i> Lourenço, 2001	Cretaceous
80. <i>Archaeobuthus estephani</i> Lourenço, 2001*	K Lebanese amber
† PROTOBUTHIDAE Lourenço & Gall, 2004	Triassic
† <i>Protobuthus</i> Lourenço & Gall, 2004	Triassic
81. <i>Protobuthus elegans</i> Lourenço & Gall, 2004*	Tr Vosges
BUTHIDAE C. L. Koch, 1837	Palaeogene – Recent
= ANDROCTONIDAE C. L. Koch, 1837	
= MICROCHARMIDAE Lourenço, 1996a	
Centruroides Marx, 1890a	Neogene – Recent
82. <i>Centruroides nitidus</i> (Thorell, 1876a) [Recent]	Ne Dominican amber
i. = <i>Centruroides beynai</i> Schawaller, 1979a	Ne Dominican amber
Microcharmum Lourenço, 1995	Quaternary – Recent
83. <i>Microcharmum henderickxi</i> (Lourenço, 2009a)	Qt Madagascar copal
Microtityus Kjellesvig-Waering, 1966c	Neogene – Recent
84. <i>Microtityus ambarensis</i> (Schawaller, 1982a)	Ne Dominican amber
† Palaeoakentrobuthus Lourenço & Weitschat, 2000	Palaeogene
85. <i>Palaeoakentrobuthus knodeli</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† Palaeoananteris Lourenço & Weitschat, 2001	Palaeogene
86. <i>Palaeoananteris ribnitiadamgartensis</i> Lourenço & Weitschat, 2001*	Pa Baltic amber
87. <i>Palaeoananteris ukrainensis</i> Lourenço & Weitschat, 2009	Pa Rovno amber
88. <i>Palaeoananteris wunderlichi</i> Lourenço, 2004	Pa Baltic amber
† Palaeoisometrus Lourenço & Weitschat, 2005a	Palaeogene
89. <i>Palaeoisometrus elegans</i> Lourenço & Weitschat, 2005a*	Pa Baltic amber
† Palaeogrosphus Lourenço, 2000a	Quaternary
90. <i>Palaeogrosphus copalensis</i> (Lourenço, 1996b)	Qt Copal
91. <i>Palaeogrosphus jacquesi</i> Lourenço & Henderickx, 2002	Qt Copal
† Palaeolychas Lourenço & Weitschat, 1996	Palaeogene
92. <i>Palaeolychas balticus</i> Lourenço & Weitschat, 1996*	Pa Baltic amber
93. <i>Palaeolychas weitschati</i> Lourenço, 2012	Pa Baltic amber
† Palaeoprotobuthus Lourenço & Weitschat, 2000	Palaeogene
94. <i>Palaeoprotobuthus pusillus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† Palaeospinobuthus Lourenço, Henderickx & Weitschat, 2005	Palaeogene
95. <i>Palaeospinobuthus cenozoicus</i> Lourenço, Henderickx &	
Weitschat, 2005*	Pa Baltic amber
† Palaeotityobuthus Lourenço & Weitschat, 2000	Palaeogene
96. <i>Palaeotityobuthus longiaculeus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
Tityus C. L. Koch, 1836	?Palaeogene – Recent
97. <i>Tityus azari</i> Lourenço, 2013	Ne Dominican amber
98. ‘ <i>Tityus</i> ’ <i>eogenus</i> Menge, 1869 [presumably misplaced]	Pa Baltic amber

99. *Tityus geratus* Santiago-Blay & Poinar, 1988 Ne Dominican amber
100. *Tityus (Brazilotityus) hartkorni* Lourenço, 2009b 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, 1880b
- no fossil record
- CHACTOIDEA Pocock, 1893** **Cretaceous – Recent**
- † **PALAEOEUSCORPIDAE Lourenço, 2003** **Cretaceous**
- † **Palaeoescorpius Lourenço, 2003** **Cretaceous**
103. *Palaeoescorpius gallicus* Lourenço, 2003* K French amber
- CHACTIDAE Pocock, 1893** **Cretaceous – Recent**
- = BROTEIDAE Simon, 1879a [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, 2005b 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, 1880b** **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, 1879a
- = LIOCHELIDAE Fet & Bechly, 2001

- = † PROTOISCHNURIDAE Carvalho & Lourenço, 2001
- † **Protoischnurus Carvalho & Lourenço, 2001** **Cretaceous**
 107. *Protoischnurus axelrodorum* Carvalho & Lourenço, 2001* K Crato Formation
- IURIDAE Thorell, 1876b** **Recent**
 no fossil record
- SCORPIONIDAE Latreille, 1802** **Neogene – Recent**
 = PANDINOIDAE Thorell, 1876b
 = HETEROMETRIDAE Simon, 1879a
- † **Mioscorpio Kjellesvig-Waering, 1986** **Neogene**
 108. *Mioscorpio zeuneri* (Hadži, 1931)* Ne Swabian Alps
- † **Sinoscorpium Hong, 1983a** **Neogene**
 109. *Sinoscorpium shandongensis* Hong, 1983a* Ne Shandong, China
- SUPERSTITIONIIDAE Stahnke, 1940** **Recent**
 no fossil record
- TROGLOTAYOSICIDAE Lourenço, 1998** **Recent**
 no fossil record
- VAEJOVIDAE Thorell, 1876b** **Recent**
 no fossil record
- SCORPIONES *incertae sedis*
Scorpiones incertae sedis in Dunlop & Selden (2013) S Trecastle, Wales
- † **Brontoscorpio Kjellesvig-Waering, 1972** **Devonian**
 110. *Brontoscorpio anglicus* Kjellesvig-Waering, 1972 D England
- † **Gondwanascorpio Gess, 2013** **Devonian**
 111. *Gondwanascorpio emzantsiensis* Gess, 2013* D Grahamstown
- † **Gymnoscopus Jeram, 1994b** **Carboniferous**
 112. *Gymnoscopus mutillidigitatus* Jeram, 1994b* C northern England
- † **Hubeiscorpio Walossek, Li & Brauckmann, 1990** **Devonian**
 113. *Hubeiscorpio gracilitarsis* Walossek, Li & Brauckmann, 1990* D Hubei, China
- † **Liasscorpionides Bode, 1951** **Jurassic**
 114. *Liasscorpionides schmidti* Bode, 1951* J Hondelage, Germany
- † **Palaeomachus Pocock, 1911** **Carboniferous**
 115. *Palaeomachus anglicus* (Woodward, 1876)* C Mansfield
- † **Titanoscopus Kjellesvig-Waering, 1986** **Carboniferous**
 116. *Titanoscopus douglassi* Kjellesvig-Waering, 1986 C Mazon Creek
- † **Wattisonia Wills, 1960** **Carboniferous**
 117. *Wattisonia coseleyensis* Wills, 1960 C Coseley

MISIDENTIFICATIONS

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

c. 2,000 Recent species

OPILIONES

38 currently valid species of fossil harvestman

- OPILIONES Sundevall, 1833** Devonian – Recent
- CYPHOPHTHALMI Simon, 1879a (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, 1879a** Palaeogene – Recent
- Siro Latreille, 1796** Palaeogene – Recent
1. *Siro balticus* Dunlop & Mitov, 2011 Pa Baltic amber
 2. *Siro platypedibus* Dunlop & Giribet, 2003 Pa Bitterfeld amber
- STYLOCELLIDAE Hansen & Sørensen, 1904** Cretaceous – Recent
- † **Palaeosiro Poinar, 2008** Cretaceous – Recent
3. *Palaeosiro burmanicum* Poinar, 2008 K Myanmar amber
- NB: Originally described as a sironid, but regarded as a stylocellid by Giribet *et al.* (2012)
- TROGLOSIRONIDAE Shear, 1993** Recent
no fossil record
- TETROPHTHALMI Garwood, Sharma, Dunlop & Giribet, 2014**
(suborder) Devonian – Carbon.
- † **Eophalangium Dunlop, Anderson, Kerp & Hass, 2004** Devonian
4. *Eophalangium sheari* Dunlop, Anderson, Kerp & Hass, 2004* D Rhynie chert
- † **Hastocularis Garwood, Sharma, Dunlop & Giribet, 2014** Devonian
5. *Hastocularis argus* Garwood, Sharma, Dunlop & Giribet, 2014* D Montceau-les-Mines
- EUPNOI Hansen & Sørensen, 1904 (suborder)** Devonian – Recent
plesion taxa
- † **Brigantibunum Dunlop & Anderson, 2005** Carboniferous
6. *Brigantibunum listoni* Dunlop & Anderson, 2005* C East Kirkton

† <i>Kustarachne</i> Scudder, 1890b	Carboniferous
7. <i>Kustarachne tenuipes</i> Scudder, 1890b*	C Mazon Creek
i. = <i>Kustarachne exstincta</i> Melander, 1903	C Mazon Creek
ii. = <i>Kustarachne conica</i> Petrunkevitch, 1913	C Mazon Creek
† <i>Macrogyion</i> Garwood <i>et al.</i> , 2011	Carboniferous
8. <i>Macrogyion cronus</i> Garwood <i>et al.</i> 2011*	C Montceau-les-Mines
CADDOIDEA Banks, 1893	Palaeogene – Recent
CADDIDAE Banks, 1893	Palaeogene – Recent
Caddo Banks, 1892a	Palaeogene – Recent
9. <i>Caddo dentipalpus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitter. amber
PHALANGIOIDEA Latreille, 1802	Palaeogene – Recent
family uncertain	
† <i>Petrunkevitchiana</i> Mello-Leitão, 1937 [genus <i>incertae sedis</i>]	Palaeogene
10. <i>Petrunkevitchiana oculata</i> (Petrunkevitch, 1922)*	Pa Florissant
MONOScutIDAE Forster, 1948	Recent
no fossil record	
NEOPILIONIDAE Lawrence, 1931	Recent
no fossil record	
PHALANGIIDAE Latreille, 1802	Palaeogene – Recent
Amilenus Martens, 1969	Palaeogene – Recent
11. <i>Amilenus deltshevi</i> Dunlop & Mitov, 2009	Pa Bitterfeld amber
Dicranopalpus Doleschall, 1852	Palaeogene – Recent
12. <i>Dicranopalpus ramiger</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitter. amber
i. = <i>Opilio corniger</i> Menge, 1854	Pa Baltic amber
ii. = <i>Dicranopalpus palmnickensis</i> Roewer, 1939	Pa Baltic amber
† <i>Lacinius</i> Thorell, 1876	Palaeogene – Recent
13. ? <i>Lacinius erinaceus</i> Staręga, 1966 [Recent]	Pa Bitterfeld amber
† <i>Stephanobunus</i> Dunlop & Mammitzsch, 2010	Palaeogene
14. <i>Stephanobunus mitovi</i> Dunlop & Mammitzsch, 2010*	Pa Baltic amber
?Phalangiidae	
15. <i>Opilio ovalis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
[probably misplaced at genus level]	
SCLEROSOMATIDAE Simon, 1879a	Jurassic – Recent
† <i>Amauropilio</i> Mello-Leitão, 1937	Palaeogene
16. <i>Amauropilio atavus</i> (Cockerell, 1907)	Pa Florissant

17. <i>Amauropilio laceoi</i> (Petrunkevitch, 1922)	Pa Florissant
<i>Leiobunum</i> C. L. Koch, 1839a	Jurassic – Recent
18. <i>Leiobunum longipes</i> Menge, 1854	Pa Baltic /Bitter. amber
i. = <i>Leiobunum saparum</i> Menge, 1854 [? <i>lapsus</i>]	Pa Baltic amber
ii. = <i>Leiobunum inclusum</i> Roewer, 1939	Pa Baltic amber
† <i>Mesobunus</i> Huang, Selden & Dunlop, 2009	Jurassic
19. <i>Mesobunus dunlopi</i> Giribet, Tourhino, Shih & Ren, 2012	J Daohugou
20. <i>Mesobunus martensi</i> Huang, Selden & Dunlop, 2009*	J Daohugou
Family uncertain	
† <i>Daohugopilio</i> Huang, Selden & Dunlop, 2009	Jurassic
21. <i>Daohugopilio sheari</i> Huang, Selden & Dunlop, 2009*	J Daohugou
DYSPNOI Hansen & Sørensen, 1904 (suborder)	Carbon. – Recent
family uncertain	
† <i>Ameticos</i> Garwood <i>et al.</i>, 2011	Carboniferous
22. <i>Ameticos scolos</i> Garwood <i>et al.</i> 2011*	C Montceau-les-Mines
† <i>Echinopustulatus</i> Dunlop, 2004	Carboniferous
23. <i>Echinopustulatus samuelnelsoni</i> Dunlop, 2004*	C Missouri
ISCHYROPSALIDOIDEA Simon, 1879a	Palaeogene – Recent
Tentative assignment, family uncertain	
† <i>Piankhi</i> Dunlop, Bartel & Mitov, 2012	Palaeogene
24. <i>Piankhi steineri</i> Dunlop, Bartel & Mitov, 2012*	Pa Baltic amber
CERATOLASMATIDAE Shear, 1986	Recent
no fossil record	
ISCHYROPSALIDIDAE Simon, 1879a	Recent
no fossil record	
SABACONIDAE Dresco, 1970	Palaeogene – Recent
<i>Sabacon</i> Simon, 1879a	Palaeogene – Recent
25. <i>Sabacon claviger</i> (Menge, 1854)	Pa Baltic amber
i. = <i>Sabacon bachofeni</i> 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]	
† <i>Halitherses</i> Giribet & Dunlop, 2005	Cretaceous
26. <i>Halitherses grimaldii</i> Giribet & Dunlop, 2005*	K Myanmar amber
DICRANOLASMATIDAE Simon, 1879a	Recent
no fossil record	

† EOTROGULIDAE Petrunkevitch, 1955a	Carboniferous
† <i>Eotrogulus</i> Thevenin, 1901	Carboniferous
27. <i>Eotrogulus fayoli</i> Thevenin, 1901*	C Commentry
NEMASTOMATIDAE Simon, 1879a	Palaeogene – Recent
<i>Histicostoma</i> Kratochvíl, 1958	Palaeogene – Recent
28. ? <i>Histicostoma tuberculatum</i> (C. L. Koch & Berendt, 1854)	Pa Baltic/Bitter. amber
<i>Mitostoma</i> Roewer, 1951	Palaeogene – Recent
29. ? <i>Mitostoma denticulatum</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Nemastoma succineum</i> Roewer, 1939	Pa Baltic amber
30. ? <i>Mitostoma gruberi</i> Dunlop & Mitov, 2009	Pa Bitterfeld amber
<i>Nemastoma</i> C. L. Koch, 1836	Palaeogene – Recent
31. ? <i>Nemastoma incertum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† NEMASTOMOIDIDAE Petrunkevitch, 1955a	Carboniferous
† <i>Nemastomoides</i> Thevenin, 1901	Carboniferous
= † <i>Protopilio</i> Petrunkevitch, 1913	
32. <i>Nemastomoides elaveris</i> Thevenin, 1901*	C Commentry
33. <i>Nemastomoides longipes</i> (Petrunkevitch, 1913)	C Mazon Creek
NIPPONOSALIDIDAE Martens, 1976	Recent
no fossil record	
TROGULIDAE Sundevall, 1833	Palaeogene – Recent
<i>Trogulus</i> Latreille, 1802	Palaeogene – Recent
34. <i>Trogulus longipes</i> Haupt, 1956	Pa Geiseltal
LANIATORES Thorell, 1876c (suborder)	Palaeogene – Recent
family uncertain	
<i>Philacarus</i> Sørensen, 1932	Neogene – Recent
35. <i>Philacarus hispaniolensis</i> Cokendolpher & Poinar, 1992	Ne Dominican amber
INSIDIATORES Loman, 1900 (infraorder)	Palaeogene – Recent
TRAVUNIOIDEA Absolon & Kratochvíl, 1932	Palaeogene – Recent
CLADONYCHIDAE Hadži, 1935	Palaeogene – Recent
† <i>Proholoscotolemon</i> Ubick & Dunlop, 2005	Palaeogene
36. <i>Proholoscotolemon nemastomoides</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
? <i>Proholoscotolemon</i> 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
<i>Kimula</i> Goodnight & Goodnight, 1942	Neogene – Recent
<i>Kimula</i> sp. in Cokendolpher & Poinar (1992)	Ne Dominican amber
PODOCTIDAE Roewer, 1912	Recent
no fossil record	
SAMOIDAE Sørensen, 1886	Neogene – Recent
<i>Hummelinckiolus</i> Šilhavý, 1979	Neogene – Recent
37. <i>Hummelinckiolus silhavyi</i> Cokendolpher & Poinar, 1998	Ne Dominican amber
Pellobunus Banks, 1905	Neogene – Recent
38. <i>Pellobunus proavus</i> 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	
STYGNOPSISIDAE 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, 1839a	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, 1879b	Recent
no fossil record	
PHALANGODOIDEA Simon, 1879a	Recent
ONCOPODIDAE Thorell, 1876c	Recent
no fossil record	
PHALANGODIDAE Simon, 1879a	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. *Phalangites multipes* Münster *in* Roth, 1851 [crustacean] J Solnhofen
3. *Phalangites priscus* Münster, 1839 [crustacean] J Solnhofen
4. *Rhabdotarachnoides simoni* Haupt, 1957 [plant fragment] P Rotliegend

6,491 Recent species according to Kury (2011)

PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

- † **PHALANGIOTARBIDA Haase, 1890** Devonian – Permian
 = † ARCHITARBIDA Petrunkevitch, 1945a
- † **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, 1890b** Carboniferous
8. *Geratarbus lacoeyi* Scudder, 1890b* 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, 1945a** Carboniferous
13. *Leptotarbus torpedo* (Pocock, 1911)* C Coseley
- † ***Mesotarbus* Petrunkevitch, 1949** Carboniferous
14. *Mesotarbus angustus* (Pocock, 1911) C Coseley

15. <i>Mesotarbus eggintoni</i> (Pocock, 1911)	C Coseley
16. <i>Mesotarbus hindi</i> (Pocock, 1911)	C Coseley
17. <i>Mesotarbus intermedius</i> Petrunkevitch, 1949*	C Coseley
18. <i>Mesotarbus peteri</i> Dunlop & Horrocks, 1997	C Westhoughton
† Metatarbus Petrunkevitch, 1913	Carboniferous
19. <i>Metatarbus triangularis</i> Petrunkevitch, 1913*	C Mazon Creek
† Ootarbus Petrunkevitch, 1945a	Carboniferous
20. <i>Ootarbus pulcher</i> Petrunkevitch, 1945a*	C Mazon Creek
21. <i>Ootarbus ovatus</i> Petrunkevitch, 1945a	C Mazon Creek
† Orthotarbus Petrunkevitch, 1945a	Carboniferous
22. <i>Orthotarbus longipes</i> Simon, 1971	C Halleschen Mulde
23. <i>Orthotarbus minutus</i> (Petrunkevitch, 1913)*	C Mazon Creek
24. <i>Orthotarbus robustus</i> Petrunkevitch, 1945a	C Mazon Creek
25. <i>Orthotarbus nyranensis</i> Petrunkevitch, 1953	C Nýřany
† Paratarbus Petrunkevitch, 1945a	Carboniferous
26. <i>Paratarbus carbonarius</i> Petrunkevitch, 1945a*	C Mazon Creek
† Phalangiotarbus Haase, 1890	Carboniferous
27. <i>Phalangiotarbus subovalis</i> (Woodward, 1872b)*	C Burnley
† Pycnotarbus Darber, 1990	Carboniferous
28. <i>Pycnotarbus verrucosus</i> Darber, 1990*	C Oelsnitz
† Triangulotarbus Patrick, 1989	Carboniferous
29. <i>Triangulotarbus terrehautensis</i> Patrick, 1989*	C Indiana
† HETEROTARBIDAE Petrunkevitch, 1913	Carboniferous
† Heterotarbus Petrunkevitch, 1913	Carboniferous
30. <i>Heterotarbus ovatus</i> Petrunkevitch, 1913*	C Mazon Creek
† OPILIOTARBIDAE Petrunkevitch, 1945a	Carb. – Permian
† Opiliotarbus Pocock, 1910	Carb. – Permian
31. <i>Opiliotarbus elongatus</i> (Scudder, 1890b)*	C – P USA / Germany

NOMINA DUBIA

1. <i>Eotarbus litoralis</i> Kuřta, 1888	C Rakovník
2. <i>Nemastomoides depressus</i> Petrunkevitch, 1913	C Mazon Creek

no Recent species

PSEUDOSCORPIONES

45 currently valid species of fossil pseudoscorpion

PSEUDOSCORPIONES De Geer, 1778	Devonian – Recent
= CHERNETES Simon, 1879a	
† DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991 (plesion family)	Devonian
† <i>Dracochela</i> Schawaller, Shear & Bonamo, 1991	Devonian
1. <i>Dracochela deprehendor</i> 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
<i>Chthonius</i> C. L. Koch, 1843a	Palaeogene – Recent
2. <i>Chthonius (Chthonius) mengei</i> Beier, 1937	Pa Baltic amber
3. <i>Chthonius (Chthonius) pristinus</i> Schawaller, 1978	Pa Baltic amber
<i>Pseudochthonius</i> Balzan, 1892	Neogene – Recent
4. <i>Pseudochthonius squamosus</i> Schawaller, 1980a	Ne Dominican amber
<i>Tyrannchthonius</i> Chamberlin, 1929	Quaternary – Recent
<i>Tyrannchthonius</i> sp. in Judson (2010)	Qt Madagascan copal
LECHYTIDAE Chamberlin, 1929	Neogene – Recent
<i>Lechytia</i> Balzan, 1892	Neogene – Recent
5. <i>Lechytia tertiaria</i> Schawaller, 1980a	Ne Dominican amber
TRIDENCHTHONIIDAE Balzan, 1892	Palaeogene – Recent
= DITHIDAE Chamberlin, 1929	
† <i>Chelignathus</i> Menge, 1854	Palaeogene
6. <i>Chelignathus kochii</i> Menge, 1854*	Pa Baltic amber
FEAELLOIDEA Ellingsen, 1906	Palaeogene – Recent
FEAELLIDAE Ellingsen, 1906	Recent
† <i>Feaella (Tetrafeabella)</i> Beier, 1955	Palaeogene – Recent
7. <i>Feaella (Tetrafeabella) groehni</i> Henderickx in Henderickx & Boone, 2014	Pa Baltic amber
PSEUDOGARYPIDAE Chamberlin, 1923a	Palaeogene – Recent
<i>Pseudogarypus</i> Ellingsen, 1909	Palaeogene – Recent

8. <i>Pseudogarypus extensus</i> Beier, 1937	Pa Baltic amber
9. <i>Pseudogarypus hemprichii</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
10. <i>Pseudogarypus minor</i> Beier, 1947a	Pa Baltic/Rovno amber
11. <i>Pseudogarypus pangaea</i> Henderickx in Henderickx <i>et al.</i> , 2006.....	Pa Baltic amber
12. <i>Pseudogarypus synchrotron</i> Henderickx in Henderickx <i>et al.</i> , 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, 1947b	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	
† <i>Electrobisium</i> Cockerell, 1917	Cretaceous
13. <i>Electrobisium acutum</i> Cockerell, 1917a*	K Myanmar amber
Microcreagris Balzan, 1892	Palaeogene – Recent
14. <i>Microcreagris koellnerorum</i> Schawaller, 1978	Pa Baltic amber
Neobisium Chamberlin, 1930	Palaeogene – Recent
15. <i>Neobisium (Neobisium) extinctum</i> Beier, 1955	Pa Baltic amber
16. <i>Neobisium henderickxi</i> Judson, 2003	Pa Baltic amber
Roncus L. Koch, 1873	Palaeogene – Recent
17. <i>Roncus succineus</i> 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, 1879a	Cretaceous – Recent
GARYPIDAE Simon, 1879a	Recent

= SYNSPHRONIDAE Beier, 1932a

no fossil record

GARYPINIDAE Daday, 1888	Cretaceous – Recent
Amblyolpium Simon, 1898b	Cretaceous – Recent
18. <i>Amblyolpium burmiticum</i> (Cockerell, 1920)	K Myanmar amber
Garypinus Daday, 1888	Palaeogene – Recent
19. <i>Garypinus electri</i> Beier, 1937	Pa Baltic amber
GEOGARYPIDAE Chamberlin, 1930	Palaeogene – Recent
Geogarypus Chamberlin, 1930	Palaeogene – Recent
20. <i>Geogarypus gorskii</i> Henderickx, 2005	Pa Baltic/Rovno amber
21. <i>Geogarypus macrodactylus</i> Beier, 1937	Pa Baltic amber
22. <i>Geogarypus major</i> 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, 1923b	Neogene – Recent
STERNOPHORIDAE Chamberlin, 1923b	Neogene – Recent
Idiogaryops Hoff, 1963	Neogene – Recent
23. <i>Idiogaryops pumilus</i> (Hoff, 1963) [Recent]	Ne–R Dominican amber
CHEIRIDIOIDEA Hansen, 1894	Palaeogene – Recent
CHEIRIDIIDAE Hansen, 1894	Palaeogene – Recent
Cheiridium Menge, 1855	Palaeogene – Recent
24. <i>Cheiridium hartmanni</i> (Menge, 1854)	Pa Baltic amber
Cryptocheiridium Chamberlin, 1931a	Neogene – Recent
25. <i>Cryptocheiridium</i> (<i>Cryptocheiridium</i>) <i>antiquum</i> Schawaller, 1981	Ne Dominican amber
PSEUDOCHIRIDIIDAE Chamberlin, 1923b	Neogene – Recent
Pseudochiridium With, 1906	Neogene – Recent
26. <i>Pseudochiridium lindae</i> 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
27. <i>Paratemnoides nidificator</i> (Balzan, 1888) [Recent]	Qt–R Colombian copal
† Progonatemnus Beier, 1955	Palaeogene
28. <i>Progonatemnus succineus</i> Beier, 1955*	Pa Baltic amber
CHELIFERIDAE Risso, 1826	Cretaceous – Recent
Cheliferidae? indet. <i>in</i> Judson (2009)	K Archingeay amber
† Dichela Menge, 1854	Palaeogene
= † <i>Oligochelifer</i> Beier, 1937	
29. <i>Dichela berendtii</i> Menge, 1954*	Pa Baltic amber
30. <i>Dichela gracilis</i> (Beier, 1937)	Pa Baltic amber
31. <i>Dichela granulatus</i> (Beier, 1937)	Pa Baltic amber
32. <i>Dichela serratidentatus</i> (Beier, 1937)	Pa Baltic amber
† Electrochelifer Beier, 1937	Palaeogene
33. <i>Electrochelifer bachofeni</i> Beier, 1947a	Pa Baltic amber
34. <i>Electrochelifer balticus</i> Beier, 1955	Pa Baltic amber
35. <i>Electrochelifer mengei</i> Beier, 1937*	Pa Baltic amber
36. <i>Electrochelifer rapulitarsatus</i> Beier, 1947a	Pa Baltic amber
† Heurtaultia Judson, 2009 [tentative referral to family]	Cretaceous
37. <i>Heurtaultia rossiorum</i> Judson, 2009	K Archingeay amber
† Pycnochelifer Beier, 1937	Palaeogene
38. <i>Pycnochelifer kleemanni</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
i. = <i>Obisium rathkii</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Trachychelifer Hong, 1983b	Palaeogene
39. <i>Trachychelifer liaoningense</i> Hong, 1983b*	Pa Chinese amber
CHERNETIDAE Menge, 1855	Cretaceous – Recent
Chernetidae gen. et sp. indet. <i>in</i> Schawaller (1991)	K Canadian amber
Chernetidae gen. et sp. indet. <i>in</i> Schawaller (1982b)	Ne Chiapas amber
† Oligochernes Beier, 1937	Palaeogene
40. <i>Oligochernes bachofeni</i> Beier, 1937	Pa Baltic amber
41. <i>Oligochernes wigandi</i> (Menge, 1854)	Pa Baltic amber
Pachychernes Beier, 1932b	Neogene – Recent
42. <i>Pachychernes effossus</i> Schawaller, 1980b	Ne Dominican amber
43. <i>Pachychernes</i> aff. <i>subrobustus</i> (Balzan, 1892) [Recent]	Qt–R Colombian copal
WITHIIDAE Chamberlin, 1931b	Palaeogene – Recent
† Beierowithius Mahnert, 1979	Palaeogene
44. <i>Beierowithius sieboldtii</i> (Menge, 1854)*	Pa Baltic amber
Withius Kew, 1911	Quaternary – Recent
45. <i>Chelifer eucarpus</i> Dalman, 1826	Qt East African opal

NOMINA DUBIA

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

NOMINA NUDA

1. *Chelifer fossilis* Weyenbergh, 1874J 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 convenience 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 wunderlichii* Selden *in* Selden & Shear, 1996* K Crato Formation

DAESIIDAE Kraepelin, 1899 Palaeogene – Recent

- † *Palaeoblossia* Dunlop, Wunderlich & Poinar, 2004 Palaeogene
5. *Palaeoblossia groehni* Dunlop, Wunderlich & Poinar, 2004* Pa Baltic amber

EREMOBATIDAE Kraepelin, 1901 Recent

no fossil record

GALEODIDAE Sundevall, 1833 Recent

no fossil record

GYLIPPIDAE Roewer, 1933 Recent

no fossil record

HEXISOPODIDAE Pocock, 1897 Recent

no fossil record

KARSCHIIDAE Kraepelin, 1899 **Recent**

no fossil record

MELANOBLOSSIDAE Roewer, 1933 **Recent**

no fossil record

MUMMUCIIDAE Roewer, 1934 **Recent**

no fossil record

RHAGODIDAE Pocock, 1897 **Recent**

no fossil record

SOLPUGIDAE Leach, 1815 **Recent**

no fossil record

1,075 Recent species according to Harvey (2003)

PALPIGRADI

1 currently valid species of fossil palpigrade

PALPIGRADI Thorell, 1888 **Neogene – Recent**

= MICROTHELYPHONIDA Grassi & Calandruccio, 1885

family uncertain

† *Paleokoenenia* Rowland & Sissom, 1980 **Neogene**

1. *Paleokoenenia mordax* Rowland & Sissom, 1980* Ne Onyx Marble

EUKOENENIIDAE Petrunkevitch, 1955a **Recent**

no fossil record

PROKOENENIIDAE Condé, 1996 **Recent**

no fossil record

MISIDENTIFICATIONS

1. *Sternarthron zitteli* Haase, 1890 [insect] J Solnhofen

2. *Sternarthron zitteli* var. *minor* (Oppenheim, 1887) [insect] J Solnhofen

78 Recent species according to Harvey (2003)

ACARI: PARASITIFORMES

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	
<i>Opilioacarus</i> With, 1902	?Palaeogene – Recent
1. ? <i>Opilioacarus aenigmus</i> Dunlop, Sempf & Wunderlich, 2010	Pa Baltic amber
<i>Paracarus</i> Chamberlin & Mulaik, 1942	Palaeogene – Recent
2. <i>Paracarus pristinus</i> 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
<i>Carios</i> Latreille, 1796	Cretaceous – Recent
3. <i>Carios jerseyi</i> Klompen & Grimaldi, 2001	K New Jersey amber
<i>Ornithodoros</i> 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 Berlese, 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, 1977b **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 & Gorioffi, 1955 (infrorder) **Palaeogene – Recent**

MICROGYNIINA Trägårdh, 1942 (cohort) **Palaeogene – Recent**

MICROGYNOIDEA Trägårdh, 1942 **Palaeogene – Recent**

Microgynoidea sp. *in* Dunlop *et al.* (2013) Pa Baltic amber

MICROGYNIIDAE Trägårdh, 1942 **Recent**

 = MICROSEJIDAE Trägårdh, 1942

no fossil record

NOTHOGYNIDAE Walter & Kranz, 1999 **Recent**

no fossil record

HEATHERELLINA author, date? (cohort) **Recent**

HEATHERELLOIDEA Walter, 1997 **Recent**

HEATHERELLIDAE Walter, 1997 **Recent**

no fossil record

UROPODOIDEA Kramer, 1881 (cohort) **Palaeogene – Recent**

UROPODIAE Kramer, 1881 (subcohort) **Palaeogene – Recent**

PROTODINYCHOIDEA Evans, 1957 **Recent**

PROTODINYCHIDAE Evans, 1957 **Recent**

no fossil record

THINOZERCONOIDEA Halbert, 1915 **Recent**

THINOZERCONIDAE Halbert, 1915 **Recent**

no fossil record

POLYASPIDOIDEA Berlese, 1913 **Recent**

DITHINOZERCONIDAE Ainscough, 1979 **Recent**

no fossil record

POLYASPIDIDAE Berlese, 1913 **Recent**

no fossil record

TRACHYTIDAE Trägårdh, 1938 **Recent**

no fossil record

UROPODOIDEA Kramer, 1881 **Palaeogene – Recent**

BALOGHJKASZABIIDAE Hirschmann, 1979 **Recent**

no fossil record

BRASILUROPODIDAE Hirschmann, 1979 **Recent**

no fossil record

CILLIBIDAE Trägårdh, 1944 **Recent**

no fossil record

CLAUSIADINYCHIDAE Hirschmann, 1979 **Recent**

no fossil record

CIRCOCYLLIBAMIDAE Sellnick, 1926 **Recent**

no fossil record

CYLLIBULIDAE Hirschmann, 1979 **Recent**

no fossil record

DERAIOPHORIDAE Trägårdh, 1952 **Recent**

no fossil record

DINYCHIDAE Berlese, 1916 **Recent**

no fossil record

DISCOURELLIDAE Baker & Wharton, 1952 **Recent**

no fossil record

EUTRACHYTIDAE Trägårdh, 1944 **Recent**

no fossil record

HUTUFEIDERIIDAE Hirschmann, 1979 **Recent**

no fossil record

KASZABJBALOGHIIDAE Hirschmann, 1979 **Recent**

no fossil record

MACRODINYCHIDAE Hirschmann, 1979 **Recent**

no fossil record

METAGYNURIDAE Balogh, 1943	Recent
no fossil record	
NENTERIIDAE Hirschmann, 1979	Recent
no fossil record	
OPLITIDAE Johnston, 1968	Recent
no fossil record	
PHYMATODISCIDAE Hirschmann, 1979	Recent
no fossil record	
PRODINYCHIDAE Berlese, 1917	Recent
no fossil record	
ROTUNDABALOGHIIDAE Hirschmann, 1979	Recent
no fossil record	
TERASEJASPIDAE Hirschmann, 1979	Recent
no fossil record	
TREMATURIDAE Berlese, 1917	?Palaeogene – Recent
= TREMATURELLIDAE Trägårdh, 1944	
?Trematuridae <i>in</i> Lyubarsky & Perkovsky (2012)	Pa Rovno amber
Trichouropoda Berlese, 1916	?Palaeogene – Recent
?Trichouropoda sp. [as <i>Oodinychus</i> sp.] <i>in</i> Ramsay (1960)	Qt New Zealand
TRICHOCYLLIBIDAE Hirschmann, 1979	Recent
no fossil record	
TRICHOUROPODELLIDAE Hirschmann, 1979	Recent
no fossil record	
TRIGONUPODIDAE Hirschmann <i>in</i> Wisniewski, 1979	Recent
no fossil record	
UROACTINIIDAE Hirschmann & Zirngiebl-Nicol, 1964	Recent
no fossil record	
URODIASPIDIDAE Trägårdh, 1944	Recent
no fossil record	

URODINYCHIDAE Berlese, 1917	Palaeogene – Recent
<i>Uroobovella</i> Berlese, 1903	?Palaeogene – Recent
? <i>Uroobovella</i> sp. in Dunlop <i>et al.</i> (2013)	Pa Baltic amber
UROPODIDAE Kramer, 1881	Recent
no fossil record	
TRACHYUROPODOIDEA Berlese, 1917	Recent
TRACHYUROPODIDAE Berlese, 1917	Recent
no fossil record	
DIARTHROPHALLIAE Trägårdh, 1946 (subcohort)	Recent
DIARTHROPHALLOIDEA Trägårdh, 1946	Recent
DIARTHROPHALLIDAE Trägårdh, 1946	Recent
no fossil record	
HETEROZERCONINA author, date? (cohort)	Recent
HETEROZERCONOIDEA Berlese, 1892	Recent
DISCOZERCONIDAE Berlese, 1910	Recent
no fossil record	
HETEROZERCONIDAE Berlese, 1892	Recent
no fossil record	
GAMASINA Kramer, 1881 (cohort)	Palaeogene – Recent
Gamasina indet in Perkovsky <i>et al.</i> (2007)	Pa Rovno amber
EPICRIIAE Vitzthum, 1938 (subcohort)	Neogene – Recent
EPICRIOIDEA Berlese, 1885	Recent
EPICRIIDAE Berlese, 1885	Recent
no fossil record	
ZERCONOIDEA Berlese, 1892	Neogene – Recent
COPROZERCONIDAE Moraza & Lindquist, 1999	Recent
no fossil record	
ZERCONIDAE Berlese, 1892	Neogene – Recent
† <i>Paleozercon</i> Błaszak, Cokendolpher & Polyak, 1995	Neogene
13. <i>Paleozercon cavernicolus</i> Błaszak, Cokendolpher & Polyak, 1995	Ne New Mexico
ARCTACARIAE Johnston, 1982 (subcohort)	Recent
ARCTACAROIDEA Evans, 1955	Recent
ARCTACARIDAE Evans, 1955	Recent

no fossil record

PARASITIAE Reuter, 1909 (subcohort)	Palaeogene – Recent
PARASITOIDEA Oudemans, 1901	Palaeogene – Recent
PARASITIDAE Oudemans, 1901	Palaeogene – Recent
?Parasitidae indet. <i>in</i> Dunlop & Falkenhagen (2014)	Qt Germany
<i>Aclerogamasus</i> Athias, 1971	Palaeogene – Recent
14. <i>Aclerogamasus stenocornis</i> Witaliński, 2000	Pa Baltic amber

DERMANYSSIAE Evans & Till, 1997 (subcohort)	Neogene – Recent
VEIGAIODEA Oudemans, 1939	Recent
VEIGAIIDAE Oudemans, 1939	Recent
= GAMASOLAEELAPTIDAE Oudemans, 1939	

no fossil record

RHODACAROIDEA Oudemans, 1902	Palaeogene – Recent
DIGAMASELLIDAE Evans, 1954 ...[or 57?].....	Palaeogene – Recent
Digamasellidae sp. <i>in</i> Perkovsky <i>et al.</i> (2007).....	Pa Rovno amber
<i>Dendrolaelaps</i> Halbert, 1915	Neogene – Recent
15. <i>Dendrolaelaps fossilis</i> Hirschman, 1971	Ne Chiapas amber

EURYPARASITIDAE d'Antony, 1987	Recent
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no fossil record

GAMASIPHIDAE author, date?	Recent
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no fossil record

LAELAPTONYSSIDAE Womersley, 1956	Recent
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no fossil record

OLOGAMASIDAE Ryke, 1962	Recent
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no fossil record

PANTENIPHIDIDAE d'Antony, 1987	Recent
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no fossil record

RHODACARIDAE Oudemans, 1902	Recent
--	---------------

no fossil record

TERANYSSIDAE Halliday, 2006	Recent
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no fossil record

EVIPHIDOIDEA Berlese, 1913	Quaternary–Recent
EVIPHIDIDAE Berlese, 1913	Recent
no fossil record	
MACROCHELIDAE Vitzthum, 1930	Quaternary–Recent
<i>Macrocheles</i> Latreille, 1829	Quaternary–Recent
<i>Macrocheles</i> sp. in Ramsay (1960)	Qt New Zealand
MEGALOLAELAPIDAE author, date?	Recent
no fossil record	
PACHYLAELAPIDAE Berlese, 1913	Recent
= NEOPARASITIDAE Oudemans, 1939	
= BULBOGAMASIDAE Gu, Wang & Duan, 1991	
no fossil record	
PARHOLASPIDIDAE Evans, 1956	Recent
no fossil record	
ASCOIDEA Oudemans, 1905	Palaeogene – Recent
AMEROSEIIDAE Evans in Hughs, 1961	Recent
no fossil record	
ASCIDAE Voigts & Oudemans, 1905	?Palaeogene – Recent
?Ascidae sp. in Dunlop <i>et al.</i> (2013)	Pa Baltic amber
HALOLAELAPIDAE Karg, 1965	Recent
no fossil record	
MELICHARIDAE Hirschmann, 1962	Recent
no fossil record	
PODOCINIDAE Berlese, 1913	Quaternary – 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	
OMENTOLAEELAPTIDAE 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

296 currently valid species of fossil acariform mite

- higher systematics and sequence of taxa follows the third edition of *A Manual of Acarology* (Krantz & Walter, eds, 2009), except that their orders are listed here as suborders, and suborders as infraorders to achieve some degree of consistency with other arachnid higher taxa throughout this list
- a putative Ordovician mite assigned to the derived Brachypylina group of the oribatids remains controversial and is not formally listed below

ACARIFORMES Zachvatkin, 1952 Devonian – Recent

= ACTINOTRICHIDA author, date?

TROMBIDIFORMES Reuter, 1909 (suborder) Devonian – Recent

SPHAEROLICHIDA OConnor, 1984 (infraorder) Recent

LORDALYCOIDEA Grandjean, 1939 Recent

LORDALYCHIDAE Grandjean, 1939 Recent

= HYBALICIDAE Theron, 1974

no fossil record

SPHAEROLICHOIDEA Berlese, 1913 Recent

SPHAEROLICHIDAE Berlese, 1913 Recent

no fossil record

PROSTIGMATA Kramer, 1877 (infraorder) Devonian – Recent

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

LABIDOSTOMMATOIDEA Oudemans, 1906 Palaeogene – Recent

LABIDOSTOMMATIDAE Oudemans, 1906 Palaeogene – Recent

= NICOLETIELLIDAE Canestrini, 1891

Labidostomatidae sp. *in* Sidorchuk & Bertrand (2013) Pa Rovno amber

Labidostomatidae sp. *in* Sidorchuk & Bertrand (2013) Pa Bitterfeld amber

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

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

2. *Labidostomma (Pseudocornutella) electri* Sidorchuk & Bertrand, 2013 .. Pa Baltic amber

***Sellnickiella* Feider & Vasiliu, 1969** Palaeogene – Recent

3. *Sellnickiella balticae* Sidorchuk & Bertrand, 2013 Pa Baltic amber

EUPODIDES Krantz, 1978 (supercohort) Devonian – Recent

BDELLOIDEA Dugès, 1834 Cretaceous – Recent

BDELLIDAE Dugès, 1834 Cretaceous – Recent

Bdellidae sp. <i>in Aoki</i> (1974)	Qt Mizunami copal
<i>Bdella</i> Latreille, 1795	Cretaceous – Recent
4. <i>Bdella bicincta</i> Menge <i>in C. L. Koch & Berendt</i> , 1854	Pa Baltic amber
5. <i>Bdella bombycina</i> Menge <i>in C. L. Koch & Berendt</i> , 1854	Pa Baltic amber
6. <i>Bdella obconica</i> Menge <i>in C. L. Koch & Berendt</i> , 1854	Pa Baltic amber
7. <i>Bdella vetusta</i> Ewing, 1937	K Manitobian amber
<i>Bdellodes</i> Oudemans, 1937	Palaeogene – Recent
8. <i>Bdellodes lata</i> (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	Palaeogene – Recent
<i>Penthalodes</i> Murray, 1877	Palaeogene – Recent
9. <i>Penthalodes tristiculus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber

PROTERORHAGIIDAE Lindquist & Palacios-Vargas, 1991	Recent
no fossil record	
RHAGIDIIDAE Oudemans, 1922	Paleogene – Recent
Rhagidiidae indet. <i>in</i> Judson & Wunderlich (2003)	Pa Baltic amber
Poecilophysis O. P.-Cambridge, 1876	Paleogene – Recent
?Poecilophysis sp. <i>in</i> Judson & Wunderlich (2003)	Pa Baltic amber
† Zachardia Judson & Wunderlich, 2003	Paleogene
10. <i>Zachardia flexipes</i> Judson & Wunderlich, 2003	Pa Baltic amber
STRANDTMANNIIDAE Zacharda, 1979	Recent
no fossil record	
TYDEOIDEA Kramer, 1877	Devonian – Recent
EREYNETIDAE Oudemans, 1931	Recent
= MICROEREUNETIDAE Bottazzi, 1950	
no fossil record	
IOLINIDAE Pritchard, 1956	Recent
no fossil record	
TRIOPHTYDEIDAE Andrè, 1980	Recent
= MEYERELLIDAE André, 1979	
no fossil record	
TYDEIDAE Kramer, 1877	Devonian – Recent
† Palaeotydeus Dubinin, 1962	Devonian – Recent
11. <i>Palaeotydeus devonicus</i> Dubinin, 1962	D Rhynie chert
† Parapotacarus Dubinin, 1962	Devonian – Recent
12. <i>Parapotacarus hirsti</i> Dubinin, 1962	D Rhynie chert
TETRAPODILI sensu Oudemans, 1923	Triassic – Recent
TRIASACAROIDEA Lindquist & Sidorchuk in Sidorchuk et al., 2014	Triassic
TRIASACARIDAE Lindquist & Sidorchuk in Sidorchuk et al., 2014	Triassic
† Ampezzoa Linquist & Grimaldi in Schmidt et al., 2012,	Triassic
13. <i>Ampezzoa triassica</i> Lindquist & Grimaldi <i>in</i> Schmidt <i>et al.</i> , 2012*	Tr Italian amber
† Cheirolepidoptus Sidorchuk & Lindquist in Sidorchuk et al. 2014	Triassic
14. <i>Cheirolepidoptus dolomiticus</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2014*	Tr Italian amber
† Minyacarus Sidorchuk & Lindquist in Sidorchuk et al., 2014	Triassic
15. <i>Minyacarus aderces</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2014* ...	Tr Italian amber
† Triasacarus Linquist & Grimaldi in Schmidt et al., 2012,	Triassic – Recent

16. *Triasacarus fedelei* Lindquist & Grimaldi *in* Schmidt *et al.*, 2012* Tr Italian amber
- ERIOPHYOIDEA** Nalepa, 1898 ?Palaeogene – Recent
- DIPTILOMIOPIDAE** Keifer, 1944 Recent
- no fossil record
- ERIOPHYIDAE** Nalepa, 1898 ?Palaeogene – Recent
- Aculops* Keifer, 1966 ? Palaeogene – Recent
17. *Aculops keiferi* Southcott & Lange, 1971 ?Pa Australia
- PHYTOPTIDAE** Murray, 1877 Neogene – Recent
- = NALEPELLIDAE Roivainen, 1953
- no fossil record
- ANYSTIDES** van der Hammen, 1972 (supercohort) Cretaceous – Recent
- ANYSTINA** van der Hammen, 1972 (cohort) Cretaceous – Recent
- CAECULOIDEA** Berlese, 1883 Paleogene – Recent
- CAECULIDAE** Berlese, 1883 Paleogene – Recent
- Procaeculus* Jacot, 1936 Paleogene – Recent
18. *Procaeculus dominicensis* Coineau & Poinar, 2001 Ne Dominican amber
19. *Procaeculus eridosae* Coineau & Magowski, 1994 Pa Baltic amber
- ADAMYSTOIDEA** Cunliffe, 1957 Recent
- ADAMYSTIDAE** Cunliffe, 1957 Recent
- = SAXIDROMIDAE Coineau, 1974
- no fossil record
- ANYSTOIDEA** Oudemans, 1902 Cretaceous – Recent
- ANYSTIDAE** Oudemans, 1902 Cretaceous – Recent
- Anystidae* sp. *in* Aoki (1974) Qt Mizunami copal
- Anystis** von Heyden, 1826 Cretaceous – Recent
20. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) Pa Baltic amber
21. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) Pa Baltic amber
22. *Anystis venustula* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † **Mesoanystis** Zacharda, 1985 Cretaceous
23. *Mesoanystis taymirensis* Zacharda, 1985* K Siberian amber
- † **Palaeoerythracarus** Zacharda, 1985 Palaeogene
24. *Palaeoerythracarus sachalinensis* Zacharda, 1985* Pa Sachalin amber
- PSEUDOCHEYLIDAE** Oudemans, 1909 Recent
- = STIGMOCHEYLIDAE Kethley, 1990
- no fossil record

TENERIFFIIDAE Thor, 1911b	Paleogene – Recent
Teneriffiidae sp. indet <i>in</i> Sayre <i>et al.</i> (1992)	Pa Baltic amber
PARATYDEOIDEA Baker, 1949	Recent
PARATYDEIDAE Baker, 1949	Recent
no fossil record	
STIGMOCHEYLIDAE Kethley, 1990	Recent
no fossil record	
POMERANTZIOIDEA Baker, 1949	Recent
POMERANTZIIDAE Baker, 1949	Recent
no fossil record	
PARASITENGONA Oudemans, 1909 (cohort)	Cretaceous – Recent
ERYTHRAIAE author, date? (subcohort)	Cretaceous – Recent
CALYPTOSTOMATOIDEA Oudemans, 1923	Recent
CALYPTOSTOMATIDAE Oudemans, 1923	Recent
no fossil record	
ERYTHRAEOIDEA Grandjean, 1947a	Cretaceous – Recent
larval Erythraeoidea <i>in</i> Zacharda & Krivoluckij (1985)	K Siberian amber
† Pararainbowia Dunlop, 2007	Cretaceous
25. <i>Pararainbowia martilli</i> Dunlop, 2007*	K Crato Formation
ERYTHRAEIDAE Robineau-Desvoidy, 1828	Paleogene – Recent
= LEPTIDAE Billberg, 1820	
= BALUSTIIDAE Grandjean, 1947	
Erythraeidae sp. <i>in</i> Aoki (1974)	Qt Mizunami copal
† Arytaena Menge, 1854 in C. L. Koch & Berendt, 1854	Paleogene
26. <i>Arytaena troguloides</i> Menge <i>in</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
Balaustium von Heyden, 1826	Paleogene – Recent
27. <i>Balaustium illustris</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Erythraeus Latrielle, 1806	Paleogene – Recent
28. <i>Erythraeus bifrons</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
29. <i>Erythraeus foveolatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
30. <i>Erythraeus hirsutus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
31. <i>Erythraeus lagopus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
32. <i>Erythraeus longipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
33. <i>Erythraeus proavus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
34. <i>Erythraeus procerus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
35. <i>Erythraeus raripilus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber

36. *Erythraeus rostratus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
37. *Erythraeus saccatus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- Leptus Latrielle, 1796** **Paleogene – Recent**
38. *Leptus incertus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † **PROTERYTHRAEIDAE Vercammen-Grandjean, 1973** **Cretaceous**
- † ***Proterythraeus* Vercammen-Grandjean, 1973** **Cretaceous**
39. *Proterythraeus southcotti* Vercammen-Grandjean, 1973* K Manitoba amber
- SMARIDIDAE Vitzthum, 1929** **Paleogene – Recent**
- Smarididae in Kulicka (1990) Pa Baltic amber
- TROMBIDIAE author, date? (subcohort)** **Creteaceous – Recent**
- trombidiid mites?**
40. *Megameropsis aquensis* Gourret, 1887 Pa Aix-en-Provence
41. *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 & Maqol, 2009** **Cretaceous**
42. *Atanaupodus bakeri* Judson & Maqol, 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**

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

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

44. *Trombidium crassipes* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

45. *Trombidium granulatum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

46. *Trombidium heterotrichum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

47. *Trombidium scrobiculatum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

NB: the next two families may be synonyms

WALCHIIDAE Ewing, 1946 **Recent**

no fossil record

TROMBICULOIDEA Ewing, 1929 **Recent**

AUDYANIDAE Southcott, 1987 **Recent**

no fossil record

JOHNSTONIANIDAE Thor, 1935 **Recent**

= NOTOTHROMBIIDAE Feider, 1959

no fossil record

NEOTROMBIDIIDAE Feider, 1959 **Recent**

no fossil record

LEEUWENHOEKIIDAE Womersley, 1944 **Recent**

no fossil record

TROMBELLIDAE Leach, 1815 **Recent**

no fossil record

TROMBICULIDAE Ewing, 1929 **Recent**

= VATACARIDAE Southcott, 1957

no fossil record

YUREBILLOIDEA Southcott, 1966 **Recent**

- YUREBILLIDAE Southcott, 1996** **Recent**
no fossil record
- HYDRACARNIDIAE van der Hoeven, 1849 (subcohort)** **Neogene – Recent**
= HYDRACHNIDIA author, date?
= HYDRACHNELLAE author, date?
- Undetermined water mites**
Hygrobatoida, Arrenuroidea or Lebertioida *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

EYLAIIDAE 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, 1842b** **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**

48. *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
- CHAPPUISIDAE** 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
<i>Neophyllobius</i> Berlese, 1886	Paleogene – Recent
49. <i>Neophyllobius succineus</i> 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**
50. *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**
51. *Metatetranychus gibbus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
Schizotetranychus Trägårdh, 1915 **Palaeogene – Recent**
52. *Schizotetranychus brevipes* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- TUCKERELLIDAE** Baker & Pritchard, 1953 **Recent**
no fossil record
- CHEYLETOIDEA** Leach, 1815 **Cretaceous – Recent**
CHEYLETIDAE Leach, 1815 **Cretaceous – Recent**
Chelytidae sp. indet. in Bradley (1931) Pa Green River
Cheyletus Latreille, 1796 **Cretaceous – Recent**
53. *Cheyletus burmiticus* Cockerell, 1917b..... K Myanmar amber
54. *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**
- TARSOCHYLOIDEA** Atyeo & Baker, 1964 **Recent**
- TARSOCHYLIDAE** Atyeo & Baker, 1964 **Recent**
no fossil record
- HETEROCHYLOIDEA** Trägårdh, 1950 **Recent**
- HETEROCHYLIDAE** 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**
Pygmephoroida 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
† <i>Protophenax</i> Magowski, 1994	Cretaceous
55. <i>Protophenax kotejii</i> Magowski, 1994*	K Russian amber
CARABOACARIDAE Mahunka, 1970	Recent
no fossil record	
PYEMOTIDAE Oudemans, 1937	Recent
= TROCHOMETRIDAE Mahunka, 1970	
<i>Pyemotes</i> Amerling, 1862	Palaeogene – Recent
56. <i>Pyemotes primus</i> Khaustov & Perkovsky, 2010	Pa Rovno amber
RESINACARIDAE Mahunka, 1975	Cretaceous – Recent
<i>Protoresinacaris</i> Khaustov & Poinar, 2010	Cretaceous
57. <i>Protoresinacaris brevipedis</i> Khaustov & Poinar, 2010*	K Myanmar amber
TARSONEMOIDEA Canestrini & Fanzago, 1877	Quaternary – Recent
PODAPOLIPIDAE Ewing, 1922	Recent
no fossil record	
TARSONEMIDAE Canestrini & Fanzago, 1877	Quaternary – Recent
Tarsonemidae sp. <i>in</i> Aoki (1974)	Qt Mizunami copal
Cohort <i>incertae sedis</i>	
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
58. <i>Protacarus crani</i> Hirst, 1923*	D Rhyrie 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
59. <i>Protospeleorchestes pseudoprotacarus</i> Dubinin, 1962*	D Rhyrie 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, 1977a	Recent
OEHSERCHESTIDAE Kethley, 1977a	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

60. *Archaeacarus dubinini* Kethley & Norton *in* Kethley *et al.*, 1989* D Gilboa
† ***Pseudoprotacarus* Dubinin, 1962** **Devonian**
61. *Pseudoprotacarus scoticus* Dubinin, 1962* D Rhyne 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**
62. *Marcvipeda magallanes* Pérez-DA, 1988* [*Acari incerate sedis?*] Pa Patagonia, Chile
- ACARONYCHOIDEA Grandjean, 1932** **Recent**
ACARONYCHIDAE Grandjean, 1932b **Recent**
no fossil record
- ARCHAEONOTHRIDAE Grandjean, 1932** **Recent**
no fossil record
- CTENACAROIDEA Grandjean, 1954c** **Devonian – Recent**
ADELPHACARIDAE Grandjean, 1954c **Carbon. – Recent**
† ***Monoaphelacarus* Subías & Arillo, 2002** **Carboniferous**
63. *Monoaphelacarus carboniferus* Subías & Arillo, 2002* C County Antrim
- APHELACARIDAE Grandjean, 1954c** **Recent**
no fossil record
- CTENACARIDAE Grandjean, 1954b** **Devonian – Recent**
† ***Ctenacaronychus* Subías & Arillo, 2002** **Devonian**
64. *Ctenacaronychus nortoni* Subías & Arillo, 2002* D New York
† ***Palaeoctenacarus* Subías & Arillo, 2002** **Carboniferous**
65. *Palaeoctenacarus simmsi* Subías & Arillo, 2002* C County Antrim
- PALAEACAROIDEA Grandjean, 1932b** **Recent**
PALAEACARIDAE Grandjean, 1932b **Recent**
no fossil record
- ENARTHRONOTA Grandjean, 1947b (supercohort)** **Devonian – Recent**
superfamily uncertain
† **DEVONACARIDAE Norton *in* Norton *et al.*, 1988** **Devonian – Recent**

† <i>Devonacarus</i> Norton <i>in</i> Norton <i>et al.</i> , 1988	Devonian – Recent
66. <i>Devonacarus sellnicki</i> Norton <i>in</i> Norton <i>et al.</i> , 1988*	D Gilboa
† PROTOCHTHONIIDAE Norton <i>in</i> Norton <i>et al.</i> , 1988	Devonian – Recent
† <i>Protochthonius</i> Norton <i>in</i> Norton <i>et al.</i> , 1988	Devonian – Recent
67. <i>Protochthonius gilboa</i> Norton <i>in</i> Norton <i>et al.</i> , 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 <i>b</i>	Recent
no fossil record	
HYPOCHTHONIIDAE Berlese, 1910	Carbon. – Recent
<i>Hypochthonius</i> C. L. Koch, 1835	Quaternary – Recent
68. <i>Hypochthonius rufulus</i> C. L. Koch, 1835 [Recent]	Qt Finland
† <i>Palaeohypochthonius</i> Subías & Arillo, 2002	Carboniferous
69. <i>Palaeohypochthonius jerami</i> Subías & Arillo, 2002*	C County Antrim
LOHMANNIIDAE Berlese, 1916	Recent
= XENOLOHMANNIIDAE Balogh & Mahunka, 1969	
no fossil record	
MESOPLOPHORIDAE Ewing, 1917	Recent
= ARCHOPLOPHORIDAE Grandjean, 1965	
no fossil record	
PROTOPLOPHOROIDEA Ewing, 1917	Carbon. – Recent
COSMOCHTHONIIDAE Grandjean, 1947 <i>b</i>	Carbon. – Recent
† <i>Carbochthonius</i> Subías & Arillo, 2002	Carboniferous

70. *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**
71. *Archaeoplophora bella* Subías & Arillo, 2002* C County Antrim
- SPHAEROCHTHONIIDAE Grandjean, 1947b** **Recent**
no fossil record
- HETEROCHTHONOIDEA Grandjean, 1954b** **Recent**
- ARBORICHTHONIIDAE Balogh & Balogh, 1992** **Recent**
no fossil record
- HETEROCHTHONIIDAE Grandjean, 1954b** **Recent**
no fossil record
- TRICHTOCHTHONIIDAE Lee, 1982** **Recent**
no fossil record
- PARHYPOSOMATA Grandjean, 1969 (supercohort)** **Carbon. – Recent**
- PARHYPOCHTHONOIDEA Grandjean, 1932b** **Carbon. – Recent**
- ELLIPTOCHTHONIIDAE Norton, 1975** **Recent**
no fossil record
- GEHYPOCHTHONIIDAE Strenzke, 1963** **Carbon. – Recent**
- † *Gehypochthonimimus* Subías & Arillo, 2002 **Carboniferous**
72. *Gehypochthonimimus hibernicus* Subías & Arillo, 2002* C County Antrim
- PARHYPOCHTHONIIDAE Grandjean, 1932b** **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, 1954b	Recent
PERLOHMANNIIDAE Grandjean, 1954b	Recent
no fossil record	
EPILOHMANNIOIDEA Oudemans, 1923	Recent
EPILOHMANNIIDAE Oudemans, 1923	Recent
= LESSIRIIDAE Oudemans, 1916	
no fossil record	
COLLOHMANNIOIDEA Grandjean, 1958a	Paleogene – Recent
COLLOHMANNIIDAE Grandjean, 1958a	Paleogene – Recent
<i>Collohmanna</i> Sellnick, 1922	Paleogene – Recent
73. <i>Collohmanna schusteri</i> Norton, 2006	Pa Baltic amber
† <i>Embolacarus</i> Sellnick, 1919	Palaeogene – Recent
74. <i>Embolacarus pergratus</i> 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	
EUPHTHRACAROIDEA Jacot, 1930	Palaeogene – Recent
EUPHTHRACARIDAE Jacot, 1930	Palaeogene – Recent
<i>Microtritia</i> Märkel, 1964	Quaternary – Recent
75. <i>Microtritia minima</i> (Berlese, 1904) [Recent]	Qt Germany
<i>Rhysotritia</i> Märkel & Meyer, 1959	Quaternary – Recent
76. <i>Rhysotritia ardua</i> (C. L. Koch, 1841) [Recent]	Qt Germany
77. <i>Rhysotritia duplicata</i> (Grandjean, 1953) [Recent]	Qt Germany
ORIBOTRITIIDAE Grandjean, 1954b	Palaeogene – Recent
= SABAHRITIIDAE Mahunka, 1987	
<i>Oribotritia</i> Jacot, 1924	Palaeogene – Recent
78. <i>Oribotritia pyropus</i> (Sellnick, 1919)	Pa Baltic amber
79. <i>Oribotritia translucida</i> Sellnick, 1931	Pa Baltic amber
SYNICHOTRITIIDAE Walker, 1965	Recent
no fossil record	
PHTHRACAROIDEA Perty, 1841	Palaeogene – Recent

PHTHIRACARIDAE Perty, 1841	Palaeogene – Recent
= STEGANACARIDAE Niedbala, 1986	
Hoplophthiacarus Jacot, 1933	Quaternary – Recent
80. <i>Hoplophthiacarus pavidus</i> (Berlese, 1913) [Recent]	Qt Karelia, Russia
Phthiacarus Perty, 1841	Palaeogene – Recent
81. <i>Phthiacarus borealis</i> Trägårdh, date? [Recent]	Qt Karelia, Russia
82. <i>Phthiacarus multipunctus</i> (Sellnick, 1919)	Pa Baltic amber
Steganacarus Ewing, 1917	Quaternary – Recent
83. <i>Steganacarus applicatus</i> (Sellnick, 1920) [Recent]	Qt Denmark
84. <i>Steganacarus carinatus</i> (C. L. Koch, 1841) [Recent]	Qt Finland
85. <i>Steganacarus striculus</i> (C. L. Koch, 1835) [Recent]	Qt Europe
<i>Steganacarus</i> 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
86. <i>Camisia foveolata</i> Hammer, 1955 [Recent]	Qt western Norway
87. <i>Camisia horrida</i> [Recent] <i>fossilis</i> Sellnick, 1919	Pa Baltic amber
i. = <i>Nothrus kuehli</i> Karsch, 1884	Pa Baltic amber
NB: unclear why the older name is the synonym	
88. <i>Camisia invenusta</i> (Michael, 1888) [Recent]	Qt western Norway
89. <i>Camisia lapponica</i> Trägårdh, 1910 [Recent]	Qt Karelia, Russia
† Eocamisia Bulanova-Zachvatkina, 1974	Cretaceous
90. <i>Eocamisia sukatshevae</i> Bulanova-Zachvatkina, 1974*	K Siberian amber
Platynothrus Berlese, 1913	Quaternary – Recent
91. <i>Platynothrus peltifer</i> (C. L. Koch, 1839) [Recent]	Qt Greenland
92. <i>Platynothrus punctatus</i> (L. Koch, 1879) [Recent]	Qt northern Europe
CROTONIIDAE Thorell, 1876	Neogene – Recent
= HOLONOTHRIDAE Wallwork, 1963	
Crotonia Thorell, 1876	Neogene – Recent
93. <i>Crotonia ramus</i> (Womersley, 1957)	Ne Australian retinite
HERMANNIIDAE Sellnick, 1928	Palaeogene – Recent
= GALAPAGACARIDAE P. Balogh, 1985	
Hermannia Nicolet, 1855	Palaeogene – Recent
94. <i>Hermannia gibba</i> (C. L. Koch, 1839) [Recent]	Qt Finland
95. <i>Hermannia reticulata</i> Thorell, 1871 [Recent]	Qt Subarctic – Arctic

96. <i>Hermannia scabra</i> (L. Koch, 1879) [Recent]	Qt Greenland
97. <i>Hermannia sellnicki</i> Norton, 2006	Pa Baltic amber
MALACONOTHRIDAE Berlese, 1916	Quaternary – Recent
<i>Malacoethrus</i> Berlese, 1904	Quaternary – Recent
98. <i>Malacoethrus monodactylus</i> (Michael, 1888) [Recent]	Qt Europe
<i>Trimalacoethrus</i> Berlese, 1916	Quaternary – Recent
99. <i>Trimalacoethrus maior</i> (Berlese, 1910) [Recent]	Qt northern Europe
NANHERMANNIIDAE Sellnick, 1928	Quaternary – Recent
<i>Nanhermannia</i> Berlese, 1913	Quaternary – Recent
100. <i>Nanhermannia coronata</i> Berlese, 1913 [Recent]	Qt Karelia, Russia
101. <i>Nanhermannia elegantula</i> Berlese, 1913 [Recent]	Qt Germany
NOTHRIDAE Berlese, 1896	Paleogene – Recent
<i>Nothrus</i> C. L. Koch, 1836	Paleogene – Recent
102. <i>Nothrus illautus</i> Sellnick, 1919	Pa Baltic amber
103. <i>Nothrus punctulum</i> Karsch, 1884	Pa Baltic amber
104. <i>Nothrus silvestris</i> Nicolet, 1855 [Recent]	Qt Europe
TRHYPOCHTHONIIDAE Willmann, 1931	Jurassic – Recent
= ALLONOTHRIDAE Lee, 1985	
= MUCRONOTHRIDAE Kunst, 1972	
= PARALLONOTHRIDAE Badejo, Woas & Beck, 2002	
= TRHYPOCHTHONIELLIDAE Knülle, 1957	
<i>Allonothrus</i> van der Hammen, 1953	Neogene – Recent
<i>Allonothrus</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
† <i>Juracarus</i> Krivolutsky in Krivolutsky & Krasilov, 1977	Jurassic – Recent
105. <i>Juracarus serratus</i> Krivolutsky in Krivolutsky & Krasilov, 1977	J Russian far east
<i>Mucronothrus</i> Trägårdh, 1931	Quaternary – Recent
106. <i>Mucronothrus nasalis</i> (Willmann, 1929) [Recent]	Qt Karelia, Russia
† <i>Palaeochthonius</i> Krivolutsky in Krivolutsky & Krasilov, 1977	Jurassic – Recent
107. <i>Palaeochthonius krasilovi</i> Krivolutsky in Kriv. & Krasilov, 1977	J Russian far east
<i>Trhypochthonius</i> Berlese, 1904	Palaeogene – Recent
108. <i>Trhypochthonius badiformis</i> Sellnick, 1931	Pa Baltic amber
109. <i>Trhypochthonius cladonicola</i> (Willmann, 1919) [Recent]	Qt Germany
110. <i>Trhypochthonius corniculatus</i> Sellnick, 1931	Pa Baltic amber
111. <i>Trhypochthonius tectorum</i> (Berlese, 1896) [Recent]	Qt Karelia, Russia
BRACHYPYLINA Hull, 1918 (cohort)	Jurassic – Recent
= CIRCUMDEHISCENTIAE Grandjean, 1954b	
= PORONOTA Grandjean, 1954b [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
<i>Hermanniella</i> Berlese, 1908	Paleogene – Recent
112. <i>Hermanniella concamerata</i> Sellnick, 1931	Pa Baltic amber
113. <i>Hermanniella tuberculata</i> Sellnick, 1919	Pa Baltic amber
<i>Sacculobates</i> Grandjean, 1962	Neogene – Recent
<i>Sacculobates</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
PLASMOBATIDAE Grandjean, 1961a	Recent
no fossil record	
NEOLIODOIDEA Sellnick, 1928	Palaeogene – Recent
= LIODOIDEA Grandjean, 1954b	
NEOLIODIDAE Sellnick, 1928	Palaeogene – Recent
= LIODIDAE Grandjean, 1954b	
<i>Neoliodes</i> Berlese, 1888	Palaeogene – Recent
= <i>Liodes</i> von Heyden, 1826 [preoccupied]	
114. <i>Neoliodes brevitarsus</i> (Woolley, 1971)	Ne Chiapas amber
115. <i>Neoliodes dominicus</i> Heethoff, Helfen & Norton, 2009	Ne Dominican amber
116. <i>Neoliodes quadriscutatus</i> Sellnick, 1919	Pa Baltic amber
<i>Neoliodes</i> sp. in Norton & Poinar (1993) [as <i>Liodes</i>]	Ne Dominican amber
<i>Platyliodes</i> Berlese, 1917	Palaeogene – Recent
117. <i>Platyliodes ensigerus</i> (Sellnick, 1919)	Pa Baltic amber
<i>Teleliodes</i> author, date?	Neogene – Recent
<i>Teleliodes</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
PLATEREMAEOIDEA Trägårdh, 1926	Cretaceous – Recent
= GYMNODAMAEOIDEA Grandjean, 1954a	
ALEURODAMAEIDAE Paschoal & Johnston, 1985	Recent
no fossil record	
GYMNODAMAEIDAE Grandjean, 1954a	Paleogene – Recent
<i>Gymnodamaeus</i> Kulczynski, 1902	Paleogene – Recent
118. <i>Gymnodamaeus sepotisus</i> Sellnick, 1919	Pa Baltic amber
IDIODAMAEIDAE Paschoal, 1987	Recent
no fossil record	

LICNOBELBIDAE Grandjean, 1965a	Recent
no fossil record	
LICNODAMAEIDAE Grandjean, 1954b	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
<i>Rasnitsynella</i> Krivoluckij, 1976	Cretaceous
119. <i>Rasnitsynella punctulata</i> Krivoluckij, 1976	K Taymir amber
DAMAEOIDEA Berlese, 1896	Paleogene – Recent
DAMAEIDAE Berlese, 1896	Paleogene – Recent
Damaeidae sp. <i>in</i> Aoki (1974)	Qt Mizunami copal
<i>Belba</i> von Heyden, 1826	Quaternary – Recent
120. <i>Belba compta</i> (Kulczynski, 1902) [Recent]	Qt western Norway
121. <i>Belba cornyops</i> (Hermann, 1804)* [Recent]	Qt Finland
† <i>Belbites</i> Pampaloni, 1902	Neogene
122. <i>Belbites disodilis</i> Pampaloni, 1902*	Ne? Sicily
<i>Damaeobelba</i> Sellnick, 1928	Quaternary – Recent
123. <i>Damaeobelba minutissima</i> (Sellnick, 1920) [Recent]	Qt Germany
<i>Damaeus</i> C. L. Koch, 1835	Paleogene – Recent
124. <i>Damaeus auritus</i> C. L. Koch, 1835* [Recent]	Qt Finland
125. <i>Damaeus genadensis</i> Sellnick, 1931	Pa Baltic amber
<i>Spatiodamaeus</i> Bulanova-Zachvatkina, 1967	Quaternary – Recent
126. <i>Spatiodamaeus verticillipes</i> (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**

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

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

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

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

Eupterotegaeus Berlese, 1916 **Cretaceous – Recent**

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

Ommatocepheus Berlese, 1913 **Cretaceous – Recent**

132. *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 Piffli, 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 Piffli, 1972 **Recent**

no fossil record

POLYPTEROZETIDAE Grandjean, 1959 **Recent**

no fossil record

TUMEROZETIDAE Hammer, 1966 **Recent**

no fossil record

MICROZETOIDEA Grandjean, 1936a	Recent
MICROZETIDAE Grandjean, 1936a	Recent
no fossil record	
AMEROIDEA Bulanova-Zachvatkina, 1957	Palaeogene – Recent
= AMEROBELBOIDEA Grandjean, 1954b	
= CALEREMEIOIDEA Grandjean, 1965c	
AMERIDAE Bulanova-Zachvatkina, 1957	Recent
no fossil record	
AMEROBELBIDAE Grandjean, 1961b	Recent
no fossil record	
BASILOBELBIDAE Balogh, 1961	Recent
no fossil record	
CALEREMAEIDAE Grandjean, 1965c	Palaeogene – Recent
<i>Caleremaeus</i> Berlese, 1910	Palaeogene – Recent
133. <i>Caleremaeus gleso</i> Sellnick, 1931	Pa Baltic amber
CTENOBELBIDAE Grandjean, 1965b	Recent
no fossil record	
DAMAEOLIDAE Grandjean, 1965b	Recent
no fossil record	
EREMOBELBIDAE Balogh, 1961	Recent
no fossil record	
EREMULIDAE Grandjean, 1965b	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 Oudemans, 1900

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

† ARCHAEORCHESTIDAE Arillo & Subías, 2000	Cretaceous
† Plategeocranus Sellnick, 1919	Palaeogene
134. <i>Plategeocranus sulcatus</i> (Karsch, 1884)*	Pa Baltic amber
† Strieremaeus Sellnick, 1919	Cretaceous – Recent
= † <i>Archaeorchestes</i> Arillo & Subías, 2000	
135. <i>Strieremaeus illibatus</i> Sellnick, 1919	Pa Baltic amber
136. <i>Strieremaeus minguezae</i> (Arillo & Subías, 2000)	K Álava amber
EREMAEIDAE Oudemans, 1900	Paleogene – Recent
Eremaeus C. L. Koch, 1836	Paleogene – Recent
137. <i>Eremaeus hepaticus</i> C. L. Koch, 1835* [Recent]	Qt Germany
138. <i>Eremaeus oblongus</i> [Recent] <i>fossilis</i> Sellnick, 1919	Pa Baltic amber
Eueremaeus Mihelcic, 1963	Quaternary – Recent
139. <i>Eueremaeus silvestris</i> (Forsslund, 1956) [Recent]	Qt Finland
† Gradidorsum Sellnick, 1919	Palaeogene – Recent
140. <i>Gradidorsum asper</i> 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. <i>in</i> Sidorchuk & Norton (2011)	Pa Rovno amber
GUSTAVIOIDEA Oudemans, 1900	Jurassic – Recent
= LIACAROIDEA Sellnick, 1928	
ASTEGISTIDAE Balogh, 1961	Jurassic – Recent
Astegistes Hull, 1916	Quaternary – Recent
141. <i>Astegistes pilosus</i> (C. L. Koch, 1840) [Recent]	Qt Karelia, Russia
Cultroribula Berlese, 1908	Jurassic – Recent
142. <i>Cultroribula jurassica</i> Krivolutsky <i>in</i> Krivolutsky & Krasilov, 1977	J Russian far east
143. <i>Cultroribula lauta</i> Sellnick, 1931	Pa Baltic amber
144. <i>Cultroribula superba</i> Sellnick, 1931	Pa Baltic amber
GUSTAVIIDAE Oudemans, 1900	Quaternary – Recent
Gustavia Kramer, 1879	Quaternary – Recent
145. <i>Gustavia microcephala</i> (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
146. <i>Adoristes ovatus</i> (C. L. Koch, 1839)* [Recent]	Qt northern Europe
Liacarus Michael, 1898	Quaternary – Recent
147. <i>Liacarus coracinus</i> (C. L. Koch, 1841) [Recent]	Qt Finland
Xenillus Robineau-Desvoidy, 1839	Paleogene – Recent
148. <i>Xenillus tegeocraniformis</i> (Sellnick, 1919)	Pa Baltic amber
MULTORIBULIDAE Balogh, 1972	Recent
no fossil record	
PELOPPIIDAE Balogh, 1943	Paleogene – Recent
Ceratoppia Berlese, 1908	Paleogene – Recent
149. <i>Ceratoppia bipilis fossilis</i> Sellnick, 1919	Pa Baltic amber
ii. = <i>Oribates politus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
150. <i>Ceratoppia quadridentata</i> (Haller, 1882) [Recent]	Qt Finland
TENUIALIDAE Jacot, 1929	Quaternary – Recent
Hafenrefferia Oudemans, 1906	Quaternary – Recent
151. <i>Hafenrefferia gilvipes</i> (C. L. Koch, 1839)* [Recent]	Qt Finland
CARABODOIDEA C. L. Koch, 1843b	Palaeogene – Recent
= OCTOCEPHOIDEA Balogh, 1961	
CARABOCEPHEIDAE Mahunka, 1986	Recent
no fossil record	
CARABODIDAE C. L. Koch, 1843b	Palaeogene – Recent
Carabodes C. L. Koch, 1835	Palaeogene – Recent
152. <i>Carabodes areolatus</i> Berlese, 1916 [Recent]	Qt Karelia, Russia
153. <i>Carabodes coriaceus</i> C. L. Koch, 1835* [Recent]	Qt Finland
154. <i>Carabodes coriaceus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
155. <i>Carabodes dissonus</i> Sellnick, 1931	Pa Baltic amber
156. <i>Carabodes gerberi</i> Sellnick, 1931	Pa Baltic amber
157. <i>Carabodes laybrinthicus</i> (Michael, 1879) [Recent]	Qt Europe
158. <i>Carabodes labyrinthicus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
159. <i>Carabodes marginatus</i> (Michael, 1884) [Recent]	Qt Finland
160. <i>Carabodes minusculus</i> Berlese, 1923 [Recent]	Qt Germany

161. <i>Carabodes ornatus</i> Storkan, 1925 [Recent]	Qt Finland
162. <i>Carabodes subarcticus</i> Trägårdh, 1902 [Recent]	Qt Finland
163. <i>Carabodes willmanni</i> Bernini, 1975 [Recent]	Qt western Norway
? <i>Carabodes</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
† Carabodites Pampaloni, 1902	Neogene?
164. <i>Carabodites pavesii</i> Pampaloni, 1902*	Ne? Sicily
Odontocepheus Berlese, 1913	Quaternary – Recent
165. <i>Odontocepheus elongatus</i> (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
<i>Dolicheremaeus</i> Jacot, 1938	Neogene – Recent
<i>Dolicheremaeus</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
<i>Otocepheus</i> Berlese, 1905	Paleogene – Recent
166. <i>Otocepheus niger</i> Sellnick, 1931	Pa Baltic amber
167. <i>Otocepheus praesignis</i> Sellnick, 1931	Pa Baltic amber
 TOKUNOCEPHEIDAE Aoki, 1966a	Recent
no fossil record	
 OPPIOIDEA Grandjean, 1951	Palaeogene – Recent
= EREMELLOIDEA Balogh, 1961 [in part]	
= TRIZETOIDEA Ewing, 1917 [in part]	
 AUTOGNETIDAE Grandjean, 1960b	Quaternary – Recent
<i>Conchogneta</i> Grandjean, 1963	Quaternary – Recent
168. <i>Conchogneta traegardhi</i> (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**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

183. <i>Oppites mellilli</i> Pampaloni, 1902*	Ne? Sicily
Ramusella Hammer, 1962	Quaternary – Recent
184. <i>Ramusella clavipectinata</i> (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
<i>Suctobelbella</i> Jacot, 1937	Palaeogene – Recent
185. <i>Suctobelbella falcata</i> (Forsslund, 1941) [Recent]	Qt Germany
186. <i>Suctobelbella latirostris</i> (Strenzke, 1950) [Recent]	Qt Germany
187. <i>Suctobelbella longirostris</i> (Forsslund, 1941) [Recent]	Qt western Norway
188. <i>Suctobelbella sarekensis</i> (Forsslund, 1941) [Recent]	Qt Europe
189. <i>Suctobelbella similis</i> (Forsslund, 1941) [Recent]	Qt Germany
190. <i>Suctobelbella subcornigera</i> (Forsslund, 1941) [Recent]	Qt Germany
191. <i>Suctobelbella subtrigona</i> (Oudemans, 1916) [Recent]	Qt Europe
192. <i>Suctobelbella subtrigona</i> [Recent] <i>fossilis</i> (Sellnick, 1931)	Pa Baltic amber
TERATOPPIIDAE Balogh, 1983	Recent
no fossil record	
TETRACONDYLIDAE Aoki, 1961	Recent
no fossil record	
THYRISOMIDAE Grandjean, 1954b	Quaternary – Recent

Banksinoma Oudemans, 1930	Quaternary – Recent
193. <i>Banksinoma lanceolata</i> (Michael, 1885)* [Recent]	Qt Europe
TRIZETIDAE Ewing, 1917	Recent
no fossil record	
TUPAREZETIDAE Balogh, 1972	Recent
no fossil record	
TECTOCEPHEOIDEA Grandjean, 1954b	Paleogene – Recent
TECTOCEPHEIDAE Oudemans, 1900	Paleogene – Recent
<i>Tectocepheus</i> Berlese, 1895	Paleogene – Recent
194. <i>Tectocepheus minor</i> Berlese, 1903 [Recent]	Qt western Norway
195. <i>Tectocepheus similis</i> Sellnick, 1931	Pa Baltic amber
196. <i>Tectocepheus velatus</i> (Michael, 1880)* [Recent]	Qt northern Europe
HYDROZETOIDEA Grandjean, 1954b	Jurassic – Recent
HYDROZETIDAE Grandjean, 1954b	Jurassic – Recent
<i>Hydrozetes</i> Berlese, 1902	Jurassic – Recent
197. <i>Hydrozetes confervae</i> (Schrank, 1791) [Recent]	Qt western Norway
198. <i>Hydrozetes lacustris</i> (Michael, 1882)* [Recent]	Qt northern Europe
199. <i>Hydrozetes oryktosis</i> Woolley, 1969	Qt Michigan
<i>Hydrozetes</i> sp. in Sivhead & Wallwork (1978)	J Sweden
LIMNOZETIDAE Thor, 1937	Quaternary – Recent
<i>Limnozetes</i> Hull, 1916	Quaternary – Recent
200. <i>Limnozetes ciliatus</i> (Schrank, 1803)* [Recent]	Qt northern Europe
201. <i>Limnozetes rugosus</i> (Sellnick, 1923) [Recent]	Qt northern Europe
AMERONOTHROIDEA Willmann, 1931	Quaternary – Recent
AMERONOTHRIDAE Willmann, 1931	Quaternary – Recent
<i>Ameronothrus</i> Berlese, 1896	Quaternary – Recent
202. <i>Ameronothrus lineatus</i> (Thorell, 1871)* [Recent]	Qt Europe / Greenland
203. <i>Ameronothrus maculatus</i> (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

- CYBAEREMAEOIDEA Sellnick, 1928** **Jurassic – Recent**
- CYBAEREMAEIDAE Sellnick, 1928** **Jurassic – Recent**
- = AMETROPROCTIDAE Subías, 2004
- = SCAPHEREMAEIDAE Subías, 2004
- Ametroproctus* Higgins & Woolley, 1968** **Cretaceous – Recent**
204. *Ametroproctus valeriae* Arillo, Subías & Shtanchaeva, 2009 K San Just amber
- Cymbaeremaeus* Berlese, 1896** **Paleogene – Recent**
205. *Cymbaeremaeus cymba* (Nicolet, 1855)* **[Recent]** Qt northern Europe
- † ***Jureremus* Krivolutsky in Krivolutsky & Krasilov, 1977** **Jurassic**
206. *Jureremus foveolatus* Krivolutsky in Krivolutsky & Krasilov, 1977* J Russian far east
207. *Jureremus phippi* Selden, Baker & Phipps, 2008 J Yorkshire, UK
- Scapheremaeus* Berlese, 1910** **Paleogene – Recent**
208. *Scapheremaeus undosus* Sellnick, 1919 Pa Baltic amber
- † ***Tectocymba* Sellnick, 1919** **Paleogene – Recent**
209. *Tectocymba rara* Sellnick, 1919* Pa Baltic amber
- EREMAEOZETOIDEA Piffli, 1972** **Paleogene – Recent**
- = IDIOZETOIDEA Aoki, 1976
- EREMAEOZETIDAE Piffli, 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, 1958b
- ADHAESOTETIDAE Hammer, 1973** **Recent**
- no fossil record
- CHARASSOBATIDAE Grandjean, 1958b** **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
<i>Licneremaeus</i> Paoli, 1908	Palaeogene – Recent
210. <i>Licneremaeus fritschi</i> Sellnick, 1931	Pa Baltic amber
211. <i>Licneremaeus lincnophorus</i> (Michael, 1882) [Recent]	Qt Germany
MICREREMIDAE Grandjean, 1954b	Jurassic – Recent
<i>Micreremus</i> Grandjean, 1954b[not Berlese 1908?].....	Paleogene – Recent
212. <i>Micreremus brevipes</i> (Michael, 1888)* [Recent]	Qt northern Europe
213. <i>Micreremus reticulatus</i> Sellnick, 1931	Pa Baltic amber
214. <i>Micreremus scrobiculatus</i> Sellnick, 1931	Pa Baltic amber
PASSALOZETIDAE Grandjean, 1954b	Quaternary – Recent
<i>Passalozetes</i> Grandjean, 1932a	Quaternary – Recent
215. <i>Passalozetes africanus</i> Grandjean, 1932a [Recent]	Qt Finland
SCUTOVERTICIDAE Grandjean, 1954b	Neogene – Recent
<i>Arthrovertex</i> Balogh, 1970	Neogene – Recent
216. <i>Arthrovertex hurdi</i> (Woolley, 1971).....	Ne Chiapas amber
<i>Arthrovertex</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
<i>Scutovertex</i> Michael, 1879	Quaternary – Recent
217. <i>Scutovertex minutus</i> (C. L. Koch, 1835) [Recent]	Qt Germany
PHENOPELOPOIDEA Petrunkevitch, 1955a	Palaeogene – Recent
PHENOPELOPIDAE Petrunkevitch, 1955a	Palaeogene – Recent
= PELOPIDAE author, date?	
<i>Eupelops</i> Ewing, 1917	Palaeogene – Recent
218. <i>Eupelops acromios</i> (Hermann, 1804) [Recent]	Qt Finland
219. <i>Eupelops curtipilus</i> (Berlese, 1916) [Recent]	Qt Germany
220. <i>Eupelops occultus</i> (C. L. Koch, 1835) [Recent]	Qt Kerelia, Russia
221. <i>Eupelops plicatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
222. <i>Eupelops punctulatus</i> (Sellnick, 1931)	Pa Baltic amber
223. <i>Eupelops uraceus</i> (C. L. Koch, 1839)* [Recent]	Qt Kerelia, Russia
<i>Eupelops</i> sp. in Karpainen & Koponen (1974)	Qt Finland
<i>Peloptulus</i> Berlese, 1908	Quaternary – Recent
224. <i>Peloptulus phaenotus</i> (C. L. Koch, 1844)* [Recent]	Qt Germany
UNDULORIBATIDAE Kunst, 1971	Palaeogene – Recent
<i>Scutoribates</i> Sellnick, 1918	Palaeogene – Recent

225. <i>Scutoribates perornatus</i> Sellnick, 1918	Pa Baltic amber
Unduloribates Balogh, 1943	?Palaeogene – Recent
226. <i>Unduloribates parvus</i> (Sellnick, 1931)	Pa Baltic amber
[generic affinities need clarification]	
ACHIPTERIOIDEA Thor, 1929	?Jurassic – Recent
ACHIPTERIIDAE Thor, 1929	?Jurassic – Recent
Achipteria Berlese, 1885	?Jurassic – Recent
227. <i>Achipteria coleoptera</i> (Linnaeus, 1757) [Recent]	Qt Finland / Greenland
228. ? <i>Achipteria obscura</i> Krivolutsky in Krivolutsky & Krasilov, 1977	J Russian far east
[An <i>incertae sedis</i> taxon?]	
Parachipteria van der Hammen, 1952	Quaternary – Recent
229. <i>Parachipteria punctata</i> (Nicolet, 1855) [Recent]	Qt northern Europe
230. <i>Parachipteria willmanni</i> van der Hammen, 1952 [Recent]	Qt Germany
EPACTOZETIDAE Grandjean, 1936b	Recent
no fossil record	
TEGORIBATIDAE Grandjean, 1954b	Quaternary – Recent
Tegoribates Ewing, 1917	Quaternary – Recent
231. <i>Tegoribates latirostris</i> (C. L. Koch, 1844) [Recent]	Qt Finland
ORIBATELLOIDEA Jacot, 1925	Palaeogene – Recent
ORIBATELLIDAE Jacot, 1925	Palaeogene – Recent
Oribatella Banks, 1895	Palaeogene – Recent
232. <i>Oribatella berlesei</i> (Michael, 1898) [Recent]	Qt Finland
233. <i>Oribatella calcarata</i> (C. L. Koch, 1835) [Recent]	Qt Kerelia, Russia
234. <i>Oribatella mirabilis</i> 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, 1936c	Palaeogene – Recent
= PROTORIBATIDAE J. Balogh & P. Balogh, 1984	
= XLOBATIDAE J. Balogh & P. Balogh, 1984	
Protoribates Berlese, 1908	Palaeogene – Recent
235. <i>Protoribates longipilis</i> Sellnick, 1931	Pa Baltic amber
LAMELLAREIDAE Balogh, 1972	Recent
no fossil record	
MAUDHEIMIIDAE J. Balogh & P. Balogh, 1984	Recent
no fossil record	
MOCHLOZETIDAE Grandjean, 1960a	Neogene – Recent
Mochlozetidae sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
Mochloribatula Mahunka, 1978	Neogene – Recent
236. <i>Mochloribatula smithi</i> (Woolley, 1971)	Ne Chiapas amber
Mochlozetes Grandjean, 1930	Neogene – Recent
<i>Mochlozetes</i> sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
NASOBATIDAE Balogh, 1972	Recent
no fossil record	
NEOTRICHOSZETIDAE Balogh, 1965	Recent
no fossil record	
NEOSZETIDAE J. Balogh & P. Balogh, 1984	Recent
no fossil record	
ORIBATULIDAE Thor, 1929	Palaeogene – Recent
Oribatulidae sp. <i>in</i> Aoki (1974)	Qt Mizunami copal
Lucoppia Berlese, 1908	Palaeogene – Recent
237. <i>Lucoppia simplex</i> Sellnick, 1919	Pa Baltic amber
Oribatula Berlese, 1895	Quaternary – Recent
238. <i>Oribatula tibialis</i> (Nicolet, 1855)* [Recent]	Qt Europe
Phauloppia Berlese, 1908	Palaeogene – Recent
239. <i>Phauloppia lucorum</i> (C. L. Koch, 1841) [Recent]	Qt northern Europe
240. <i>Phauloppia pellucida</i> (Sellnick, 1931)	Pa Baltic amber
† Sachalinella Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976	Palaeogene – Recent
May be a homonym of a bivalve genus	
241. <i>Sachalinella zherichini</i> Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976*	Pa Sachalin amber
Zygoribatula Berlese, 1916	Quaternary – Recent

242. <i>Zygoribatula exilis</i> (Nicolet, 1855) [Recent]	Qt northern Europe
ORIPODIDAE Jacot, 1925	Palaeogene – Recent
= BIROBATIDAE J. Balogh & P. Balogh, 1984	
Benoibates Balogh, 1958	Neogene – Recent
243. <i>Benoibates chiapasensis</i> (Woolley, 1971)	Ne Chiapas amber
Oripoda Banks, 1904	Palaeogene – Recent
244. <i>Oripoda baltica</i> Sellnick, 1931	Pa Baltic amber
<i>Oripoda</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
Parapirnodus Balogh & Mahunka, 1968	Neogene – Recent
245. <i>Parapirnodus denaius</i> (Woolley, 1971)	Ne Chiapas amber
PARAKALUMMIDAE Grandjean, 1936b	Palaeogene – Recent
Neoribates Berlese, 1914	Palaeogene – Recent
246. <i>Neoribates borussicus</i> Sellnick, 1931	Pa Baltic amber
SCHELORIBATIDAE Grandjean, 1933	Palaeogene – Recent
Liebstadia Oudemans, 1906	Palaeogene – Recent
247. <i>Liebstadia similiformis</i> Sellnick, 1931	Pa Baltic amber
248. <i>Liebstadia similis</i> (Michael, 1888)* [Recent]	Qt Europe / Greenland
Scheloribates Berlese, 1908	Palaeogene – Recent
249. <i>Scheloribates apterus</i> Sellnick, 1931	Pa Baltic amber
250. <i>Scheloribates areatus</i> Sellnick, 1931	Pa Baltic amber
251. <i>Scheloribates durhami</i> (Woolley, 1971)	Ne Chiapas amber
252. <i>Scheloribates initialis</i> (Berlese, 1908) [Recent]	Qt Europe
253. <i>Scheloribates laevigatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
254. <i>Scheloribates latipes</i> (C. L. Koch, 1844) [Recent]	Qt Europe
255. <i>Scheloribates pallidulus</i> (C. L. Koch, 1841) [Recent]	Qt Germany
256. <i>Scheloribates setatus</i> Sellnick, 1931	Pa Baltic amber
SELLNICKIIDAE Balogh & Balogh, 1984	Recent
no fossil record	
STELECHOBATIDAE Grandjean, 1965b	Recent
no fossil record	
SYMBIORIBATIDAE Aoki, 1966b	Recent
no fossil record	
TUBULOZETIDAE Balogh, 1989	Quaternary – Recent
Grandjeanobates Ramsay, 1967	Quaternary – Recent
? <i>Grandjeanobates</i> sp.	Qt New Zealand

ZETOMOTRICHIDAE Grandjean, 1954b	Paleogene – Recent
Zetomotrichidae sp. <i>in</i> 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
257. <i>Ceratozetes gracilis</i> (Michael, 1884)* [Recent]	Qt Finland
258. <i>Ceratozetes minimus</i> Sellnick, 1928 [Recent]	Qt Germany
259. <i>Ceratozetes parvulus</i> Sellnick, 1922 [Recent]	Qt Germany
Diapterobates Grandjean, 1936b	Quaternary – Recent
260. <i>Diapterobates notatus</i> (Thorell, 1871) [Recent]	Qt Europe / Greenland
Edwardzetes Berlese, 1914	Quaternary – Recent
261. <i>Edwardzetes edwardsi</i> (Nicolet, 1855)* [Recent]	Qt western Norway
Fuscozetes Sellnick, 1928	Quaternary – Recent
262. <i>Fuscozetes fuscipes</i> (C. L. Koch, 1844)* [Recent]	Qt western Norway
Melanozetes Hull, 1916	Paleogene – Recent
263. <i>Melanozetes foderatus</i> Sellnick, 1931	Pa Baltic amber
264. <i>Melanozetes mollicornus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
265. <i>Melanozetes meridianus</i> Sellnick, 1928 [Recent]	Qt Greenland
<i>Melanozetes</i> sp. <i>in</i> Karppinen <i>et al.</i> (1979)	Qt Karelia, Russia
Oromucia Thor, 1930	Quaternary – Recent
266. <i>Oromucia bicuspidata</i> Thor, 1930* [Recent]	Qt western Norway
267. <i>Oromucia lucens</i> (C. L. Koch, date?) [Recent]	Qt Greenland
Sphaerozetes Berlese, 1885	Paleogene – Recent
268. <i>Sphaerozetes convexulus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
269. <i>Sphaerozetes piriformis</i> (Nicolet, 1855) [Recent]	Qt Finland
270. <i>Sphaerozetes primus</i> Sellnick, 1931	Pa Baltic amber
Trichoribates Berlese, 1910	Quaternary – Recent
271. <i>Trichoribates biarea</i> Gjelstrup & Solhøy, 1994 [Recent]	Qt western Norway
272. <i>Trichoribates incisellus</i> (Kramer, 1897) [Recent]	Qt Europe
273. <i>Trichoribates monticola</i> (Trägårdh, 1902) [Recent]	Qt western Norway
274. <i>Trichoribates setiger</i> (Trägårdh, 1910) [Recent]	Qt western Norway
275. <i>Trichoribates trimaculatus</i> (C. L. Koch, 1835)* [Recent]	Qt northern Europe
CHAMOBATIDAE Thor, 1937	Paleogene – Recent
Chamobates Hull, 1916	Paleogene – Recent
276. <i>Chamobates borealis</i> (Trägårdh, 1902) [Recent]	Qt western Norway

277. <i>Chamobates cuspidatus</i> (Michael, 1884) [Recent]	Qt Finland
278. <i>Chamobates difficilis</i> Sellnick, 1931	Pa Baltic amber
EUZETIDAE Grandjean, 1954b	Quaternary – Recent
<i>Euzetes</i> Berlese, 1908	Quaternary – Recent
279. <i>Euzetes globulus</i> (Nicolet, 1855) [Recent]	Qt Finland
HUMEROBATIDAE Grandjean, 1970	Recent
no fossil record	
MYCOBATIDAE Grandjean, 1954b	Quaternary – Recent
<i>Mycobates</i> Hull, 1916	Quaternary – Recent
280. <i>Mycobates consimilis</i> Hammer, 1952 [Recent]	Qt Greenland
281. <i>Mycobates parmeliae</i> (Michael, 1884) [Recent]	Qt Karelia, Russia
282. <i>Mycobates sarekenis</i> (Trägårdh, 1910) [Recent]	Qt western Norway
<i>Punctoribates</i> Berlese, 1908	Quaternary – Recent
283. <i>Punctoribates punctum</i> (C. L. Koch, 1839) [Recent]	Qt Karelia, Russia
284. <i>Punctoribates sellnicki</i> Willmann, 1928 [Recent]	Qt Europe
<i>Punctoribates</i> 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
<i>Zetomimus</i> author, date?	Quaternary – Recent
285. <i>Zetomimus furcatus</i> (Pearce & Warburton, 1906)* [Recent]	Qt Karelia, Russia
GALUMNOIDEA Jacot, 1925	Palaeogene – Recent
GALUMNELLIDAE Piffli, 1970	Quaternary – Recent
<i>Galumnella</i> Berlese, 1917	Quaternary – Recent
<i>Galumnella</i> sp. in Aoki (1974)	Qt Mizunami copal
GALUMNIDAE Jacot, 1925	Palaeogene – Recent
<i>Galumnidae</i> spp. in Norton & Poinar (1993)	Pa Baltic amber
<i>Acrogalumna</i> Grandjean, 1956b	Quaternary – Recent
286. <i>Acrogalumna longipluma</i> (Berlese, 1904)* [Recent]	Qt Karelia, Russia
<i>Galumna</i> von Heyden, 1826	Palaeogene – Recent
287. <i>Galumna clavata</i> Sellnick, 1931	Pa Baltic amber
288. <i>Galumna diversa</i> Sellnick, 1931	Pa Baltic amber

289. <i>Galumna lanceata</i> (Oudemans, 1900) [Recent]	Qt Karelia, Russia
290. <i>Galumna obvia</i> (Berlese, 1915) [Recent]	Qt Finland
<i>Galumna</i> sp. in Karppinen & Koponen (1974)	Qt Finland
<i>Pergalumna</i> Grandjean, 1936b	Quaternary – Recent
291. <i>Pergalumna dorsalis</i> (C. L. Koch, 1835) [Recent]	Qt Finland
292. <i>Pergalumna nervosa</i> (Berlese, 1914)* [Recent]	Qt northern Europe
<i>Pilogalumna</i> Grandjean, 1956b	Quaternary – Recent
293. <i>Pilogalumna tenuiclava</i> (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
Histiomatidae? [alternatively Acaridae] in Dunlop <i>et al.</i> (2012)	Pa Baltic amber
CANESTRINIOIDEA Berlese, 1884	Recent
CANESTRINIIDAE Berlese, 1884	Recent
no fossil record	
CHETOCHELACARIDAE Fain, 1987	Recent
no fossil record	
HETEROCOPTIDAE Fain, 1967b	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
† <i>Glaesacarus</i> Klimov & Sidorchuk in Sidorchuk & Klimov, 2011	Palaeogene – Recent
294. <i>Glaesacarus rhombeus</i> (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
† <i>Amphicalvolia</i> Türk, 1963	Neogene – Recent
295. <i>Amphicalvolia hurdi</i> 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, 1967a	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**

296. *Tyroglyphites miocenicus* Pampaloni, 1902* Ne Sicily

GAUDIPELLIDAE 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 Oudemans, 1941** **Recent**
no fossil record
- PTYSSALGIDAE Atyeo & Gaud, 1979** **Recent**
no fossil record
- PYROGLYPHIDAE Cunliffe, 1958** **Recent**
no fossil record
- TARSOCHYLIDAE Atyeo & Gaud, 1979** **Recent**
no fossil record
- THYSANOCERCIDAE Atyeo & Peterson, 1972** **Recent**
no fossil record
- TROUOSSARTIIDAE 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**
= PSOROPTOIDEA Canestrini, 1892
- ACAROPTIDAE Womersley, 1953** **Recent**
no fossil record
- ATOPEMELIDAE 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, 1955a 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, 1876c	Carbon. – Recent
= RHINOASTRA Cook, 1899	
= PODOGONA Cook, 1899	
† PALAEORICINULEI Selden, 1992 (suborder)	Carboniferous – ?Cret.
NB: Wunderlich (2012e) treated the two suborders as superfamilies.	
Ricinulei indet. <i>in</i> Wunderlich (2012e)	K Myanmar amber
† CURCULIOIDIDAE Cockerell, 1916	Carboniferous
† <i>Amarixys</i> Selden, 1992	Carboniferous
1. <i>Amarixys gracilis</i> (Petrunkevitch, 1945a)	C Mazon Creek
2. <i>Amarixys stellaris</i> Selden, 1992	C Mazon Creek
3. <i>Amarixys sulcata</i> (Melander, 1903)*	C Mazon Creek
† <i>Curculioides</i> Buckland, 1837	Carboniferous
4. <i>Curculioides adompha</i> Brauckmann, 1987	C Hagen-Vorhalle
5. <i>Curculioides ansticii</i> Buckland, 1837*	C Coalbrookdale
6. <i>Curculioides eltringhami</i> Petrunkevitch, 1949	C Crawcrook
7. <i>Curculioides gigas</i> Selden, 1992	C Mazon Creek
8. <i>Curculioides granulatus</i> Petrunkevitch, 1949	C Ilkeston
9. <i>Curculioides mcluckiei</i> Selden, 1992	C Mazon Creek
10. <i>Curculioides pococki</i> Selden, 1992	C Coseley
11. <i>Curculioides scaber</i> (Scudder, 1890b)	C Mazon Creek
† POLIOCHERIDAE Scudder, 1884	Carboniferous – ?Cret.
† <i>Poliochera</i> Scudder, 1884	Carboniferous – ?Cret.
12. ? <i>Poliochera cretacea</i> Wunderlich, 2012e	K Myanmar amber
13. <i>Poliochera gibbsi</i> Selden, 1992	C Illinois
14. <i>Poliochera glabra</i> Petrunkevitch, 1913	C Mazon Creek
15. <i>Poliochera punctulata</i> Scudder, 1884*	C Mazon Creek
† <i>Terpsicroton</i> Selden, 1992	Carboniferous
16. <i>Terpsicroton alticeps</i> Selden, 1992*	C Coseley
NEORICINULEI Selden, 1992 (suborder)	Recent
RICINOIDIDAE Ewing, 1929	Recent
= CRYPTOSTEMMIDAE Westwood, 1874	

no fossil record

NOMINA DUBIA

1. *Poliochera* / *Curculioides pustulatus* Laurentiaux-Viera & Laurentiaux, 1963 C Kiaping

55 Recent species according to Harvey (2003)

ARACHNIDA and/or PANTETRAPULMONATA

incertae sedis

3 currently valid, unplaced fossil arachnid and/or tetrapulmonate species

- all three species below have been suggested as possible members of the so-called pantetrapulmonate arachnids; i.e. spiders and their closest relatives

†	<i>Ecchosis</i> Selden & Shear, 1991	Devonian
	1. <i>Ecchosis pulchribothrium</i> Selden & Shear in Selden <i>et al.</i> 1991*	D Gilboa
†	<i>Saccogulus</i> Dunlop, Fayers, Hass & Kerp, 2006	Devonian
	2. <i>Saccogulus seldeni</i> Dunlop, Fayers, Hass & Kerp, 2006*	D Rhynie chert
†	<i>Xenarachne</i> Dunlop & Poschmann, 1997	Devonian
	3. <i>Xenarachne wilwerathensis</i> Dunlop & Poschmann, 1997*	D Willwerath

no Recent species

TRIGONOTARBIDA

67 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
- † **Spiniocharinus Poschmann & Dunlop, 2011** **Devonian**
 15. *Spiniocharinus 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, 1945a
- = † *Cryptomartus* Petrunkevitch, 1945a
- = † *Oomartus* Petrunkevitch, 1953
- = † *Perneria* Frič, 1904
- = † *Pleomartus* Petrunkevitch, 1945a
- = † *Promygale* Frič, 1901
17. *Anthracomartus bohemica* (Frič, 1901) C Nýřany
18. *Anthracomartus carcinoides* (Frič, 1901) C Nýřany
- i. = *Promygale rotundata* Frič, 1901 C Nýřany
- ii. = *Perneria salticoides* Frič, 1904 C ?Nýřany
19. *Anthracomartus elegans* Frič, 1901 C Nýřany
20. *Anthracomartus hindi* Pocock, 1911 C Coseley
- i. = *Cleptomartus hangardi* Guthörl, 1965 C Saar, Germany
- ii. = *Cryptomartus meyeri* Guthörl, 1964 C Aachen
- iii. = *Cleptomartus planus* Petrunkevitch, 1949 C Coseley
- iv. = *Cryptomartus rebskei* Brauckmann, 1984 C Saarbrücken
21. *Anthracomartus granulatus* Frič, 1904 C Nowa Ruda
22. *Anthracomartus janae* (Opluštil, 1986) C Kladno
23. *Anthracomartus kustae* Petrunkevitch, 1953 C Rakovník
24. *Anthracomartus minor* Kušta, 1884 C Rakovník
- i. = *Anthracomartus socius* Kušta, 1888 C Rakovník
25. *Anthracomartus nyranensis* (Petrunkevitch, 1953) C Nýřany
26. *Anthracomartus palatinus* Ammon, 1901 C Brücken, Germany
27. *Anthracomartus preisti* Pocock, 1911 C Coseley
- i. = *Anthracomartus denuiti* Pruvost, 1922 C Charleroi
- ii. = *Cleptomartus plautus* Petrunkevitch, 1949 C Coseley
28. *Anthracomartus radvanicensis* (Opluštil, 1985) C Radvanice
29. *Anthracomartus triangularis* Petrunkevitch, 1913 C Joggins
30. *Anthracomartus trilobitus* Scudder, 1884 C Fayetteville
31. *Anthracomartus voelkelianus* Karsch, 1882* C Europe
- Anthracomartus* sp. in Wright & Selden (2011) C Kansas
- † ***Brachypyge* Woodward, 1878b** **Carboniferous**
32. *Brachypyge carbonis* Woodward, 1878b* C Mons

- † *Maiocercus* Pocock, 1911 **Carboniferous**
 33. *Maiocercus celticus* (Pocock, 1902)* C Coal Measures
 i. = *Maiocercus orbicularis* Gill, 1911 C Westhoughton
- † **ANTHRACOSIRONIDAE** Pocock, 1903a **Devonian – Carbon.**
- † *Anthracosiro* Pocock, 1903a **Carboniferous**
 34. *Anthracosiro fritschii* Pocock, 1903b C Coseley
 i. = *Anthracosiro elongatus* Waterlot, 1934 C Marlebach, France
 35. *Anthracosiro woodwardi* Pocock, 1903a* C Coal Measures
 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, 1955b 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
- † *Tynecotarbus* Hradská & Dunlop, 2013 **Carboniferous**
 42. *Tynecotarbus tichaveki* Hradská & Dunlop, 2013 C Týnec
- † *Permotarbus* Dunlop & Rößler, 2013 **Permian**
 43. *Permotarbus schuberti* Dunlop & Rößler, 2013 P Chemnitz
- † **LISSOMARTIDAE** Dunlop, 1995 **Carboniferous**
- † *Lissomartus* Petrunkevitch, 1949 **Carboniferous**
 44. *Lissomartus carbonarius* (Petrunkevitch, 1913) C Mazon Creek
 45. *Lissomartus schucherti* (Petrunkevitch, 1913)* C Mazon Creek
- † **APHANTOMARTIDAE** Petrunkevitch, 1945a **Devonian – Permian**
 = † **TRIGONOMARTIDAE** Petrunkevitch, 1949
- † *Alkenia* Størmer, 1970 **Devonian**
 46. *Alkenia mirabilis* Størmer, 1970* D Alken an der Mosel
- † *Aphantomartus* Pocock, 1911 **Carbon. – Permian**
 = † *Trigonomartus* Petrunkevitch, 1913
 = † *Phrynomartus* Petrunkevitch, 1945a

47. *Aphantomartus areolatus* Pocock, 1911* C–P Coal Measures
 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
48. *Aphantomartus ilfeldicus* (Scharf, 1924) P Rotliegend
49. *Aphantomartus pustulatus* (Scudder, 1884) C Coal Measures
 vi. = ?*Kreischeria villeti* Pruvost, 1912 C Pas de Calais
 vii. = *Cleptomartus plötzensis* Simon, 1971 C Halleschen Mulde
- † **KREISCHERIIDAE Haase, 1890** **Carboniferous**
- † **Anzinia Petrunkevitch, 1953** **Carboniferous**
 50. *Anzinia thevenini* (Pruvost, 1919)* C Anzin
- † **Gondwanarache Pinto & Hünicken, 1980** **Carboniferous**
 51. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* C Bajo de Véliz
- † **Hemikreischeria Frič, 1904** **Carboniferous**
 52. *Hemikreischeria geinitzi* (Thevenin, 1902)* C France
- † **Kreischeria Geinitz, 1882** **Carboniferous**
 53. *Kreischeria wiedei* Geinitz, 1882* C Zwickau
- † **Pseudokreischeria Petrunkevitch, 1953** **Carboniferous**
 54. *Pseudokreischeria pococki* (Gill, 1924) C Crawcrook
 i. = *Eophrynus varius* Petrunkevitch, 1949 C Crawcrook
- † **EOPHRYNIDAE Karsch, 1882** **Carboniferous**
 = † **HEMIPHRYNIDAE Frič, 1904**
- † **Eophrynus Woodward, 1871b** **Carboniferous**
 55. *Eophrynus prestvicii* (Buckland, 1837)* C Coalbrookdale
 56. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 C Hagen-Vorhalle
- † **Nyranytarbus Harvey & Selden, 1995** **Carboniferous**
 = † *Hemiphrynus* Frič, 1901 [preoccupied]
57. *Nyranytarbus hofmanni* (Frič, 1901) C Nýřany
 58. *Nyranytarbus longipes* (Frič, 1901)* C Nýřany
- † **Petrovicia Frič, 1904** **Carboniferous**
 59. *Petrovicia proditoria* Frič, 1904* C Petrovice
- † **Planomartus Petrunkevitch, 1953** **Carboniferous**
 60. *Planomartus krejci* (Kušta, 1883)* C Rakovník
 i. = *Anthracomartus affinis* Kušta, 1885 C Rakovník
- † **Pleophrynus Petrunkevitch, 1945a** **Carboniferous**
 61. *Pleophrynus verrucosus* (Pocock, 1911) C Coal Measures
 i. = *Eophrynus warei* Dix & Pringle, 1930 C Glyncoch, UK
 ii. = *Pleophrynus ensifer* Petrunkevitch, 1945a* C Mazon Creek

- iii. = *Eophrynus jugatus* Ambrose & Romano, 1972 C Kilmersdon, UK
- † **Pocononia Petrunkevitch, 1953** **Carboniferous**
62. *Pocononia whitei* (Ewing, 1930)* C Pocono Shales
- † **Somaspidion Jux, 1982** **Carboniferous**
63. *Somaspidion hammapheron* Jux, 1982* C Dinslaken
- † **Stenotrogulus Frič, 1904** **Carboniferous**
- = † *Cyclotrogulus* Frič, 1904
- = † *Pseudoeophrynus* Příbyl, 1958
64. *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**
65. *Anthracophrynus tuberculatus* Andrée, 1913* C Dudweiler
- † **Areomartus Petrunkevitch, 1913** **Carboniferous**
66. *Areomartus ovatus* Petrunkevitch, 1913* C West Virginia
- † **'Eophrynus'**
67. '*Eophrynus*' *scharfi* Scharf, 1924 P Rotliegend

NOMINA DUBIA

1. *Anthracomartus buchi* (Goldenberg, 1873) C Saarbrücken
2. *Anthracomartus hageni* (Goldenberg, 1873) C Saarbrücken
3. *Elaverimartus pococki* Petrunkevitch, 1953 C Ellismuir
- i. = *Palaeophalangium Scoticum* Peach *in* Murdoch, 1893 [*nomen nudum*]
4. *Eurymartus latus* Matthew, 1895 C Fern Ledges
5. ?*Eurymartus spinulosus* Matthew, 1895 C Fern Ledges
6. *Trigonomartus woodruffi* (Scudder, 1893) C Rhode Island

no Recent species

URARANEIDA

2 currently valid species of uraraneid

- The uraraneids were previously interpreted as true spiders (Araneae), but are now thought to be a more basal lineage which produced silk but lacked spinnerets.

† **URARANEIDA Selden & Shear *in* Selden *et al.*, 2008** Devonian – Permian

FAMILY UNCERTAIN

† ***Attercopus* Selden & Shear *in* Selden *et al.* (1991)** Devonian

1. *Attercopus fimbriunguis* (Shear, Selden & Rolfe, 1987)* D Gilboa, New York

† **PERMARACHNIDAE Eskov & Selden, 2005** Permian

† ***Permarachne* Eskov & Selden, 2005** Permian

2. *Permarachne novokshonovi* Eskov & Selden, 2005* P Matveyevka

ARANEAE

1,190 currently valid species of fossil spider

ARANEAE Clerck, 1757	Carbon. – Recent
‘mesotheles’	Carbon. – Recent
† ARTHROLYCOSIDAE Frič, 1904	Carboniferous
† <i>Arthrolycosa</i> Harger, 1874	Carbon. – Permian
1. <i>Arthrolycosa antiqua</i> Harger, 1874*	C Mazon Creek
2. <i>Arthrolycosa danielsi</i> Petrunkevitch, 1913	C Mazon Creek
<i>Arthrolycosa</i> sp. in Eskov & Selden (2005)	P Kityak river
† <i>Eocteniza</i> Pocock, 1911	Carboniferous
3. <i>Eocteniza silvicola</i> Pocock, 1911*	C Coseley
† ARTHROMYGALIDAE Petrunkevitch, 1923	Carboniferous
† <i>Arthromygale</i> Petrunkevitch, 1923	Carboniferous
4. <i>Arthromygale fortis</i> (Frič, 1904)*	C Rakovník
i. = <i>Arthrolycosa beecheri</i> Frič, 1904	C Rakovník
† <i>Eolycosa</i> Kušta, 1885	Carboniferous
5. <i>Eolycosa lorenzi</i> Kušta, 1885*	C Rakovník
† <i>Geralycosa</i> Kušta, 1888	Carboniferous
6. <i>Geralycosa fritschi</i> Kušta, 1888*	C Rakovník
† <i>Kustaria</i> Petrunkevitch, 1953	Carboniferous
= † <i>Scudderia</i> Kušta, 1888 [preoccupied]	
7. <i>Kustaria carbonaria</i> (Kušta, 1888)*	C Rakovník
† <i>Palaranea</i> Frič, 1873	Carboniferous
8. <i>Palaranea borassifoliae</i> Frič, 1873*	C Czech Republic
† <i>Protocteniza</i> Petrunkevitch, 1949	Carboniferous
9. <i>Protocteniza britannica</i> Petrunkevitch, 1949*	C Coseley
† <i>Protolycosa</i> Roemer, 1866	Carboniferous
10. <i>Protolycosa anthracophila</i> Roemer, 1866*	C Silesia
11. <i>Protolycosa cebennensis</i> Laurentiaux-Viera & Laurentiaux, 1963	C Cévennes, France
† <i>Rakovnicia</i> Kušta, 1884a	Carboniferous
12. <i>Rakovnicia antiqua</i> Kušta, 1884a*	C Rakovník
† PYRITARANEIDAE Petrunkevitch, 1953	Carboniferous
† <i>Dinopilio</i> Frič, 1904	Carboniferous
13. <i>Dinopilio gigas</i> Frič, 1904*	C Rakovník

14. *Dinopilo parvus* Petrunkevitch, 1953 C Kent, UK
- † *Pyritaranea* Frič, 1901 Carboniferous
15. *Pyritaranea tubifera* Frič, 1901* C Nyřany
- 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
- Opisthotelae 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
- ATYPOIDEA Thorell, 1870a** Triassic – Recent
- † *Friularachne* Dalla Vecchia & Selden, 2013 Triassic
18. *Friularachne rigoi* Dalla Vecchia & Selden, 2013* Tr Friuli, Italy
- ATYPIDAE Thorell, 1870a** Cretaceous – Recent
- = CALOMMATOIDAE Thorell, 1887
- † *Ambiortiphagus* Eskov & Zonstein, 1990 Cretaceous
19. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990* K Central Mongolia
- † *Balticatypus* Wunderlich, 2011*h* Palaeogene
20. *Balticatypus beigeli* Wunderlich, 2011*h* Pa Baltic amber
21. *Balticatypus juvenis* Wunderlich, 2011*h** Pa Baltic amber
22. *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
23. *Cretacattyma raveni* Eskov & Zonstein, 1990* K Central Mongolia
- MECICOBOTHRIIDAE Holmberg, 1882** Cretaceous – Recent
- = HEXURIDAE Simon, 1889*b*

† <i>Cretohexura</i> Eskov & Zonstein, 1990	Cretaceous
24. <i>Cretohexura coylei</i> Eskov & Zonstein, 1990*	K Transbaikalia
† <i>CRETOMEGAHEXURA</i> Eskov & Zonstein, 1990	Cretaceous
25. <i>CRETOMEGAHEXURA platnicki</i> Eskov & Zonstein, 1990*	K Central Mongolia
HEXATHELIDAE Simon, 1892b	Triassic – Recent
† <i>ROSAMYGALE</i> Selden & Gall, 1992	Triassic
26. <i>ROSAMYGALE grauvogeli</i> Selden & Gall, 1992*	Tr Vosges, France
DIPLURIDAE Simon, 1889b	Cretaceous – Recent
† <i>CLOSTES</i> Menge, 1869	Palaeogene
27. <i>Clostes priscus</i> Menge, 1869*	Pa Baltic / Bitt. amber
† <i>CRETADIPLURA</i> Selden in Selden et al., 2006	Cretaceous
28. <i>CRETADIPLURA ceara</i> Selden in Selden et al., 2006*	K Crato Formation
† <i>DINODIPLURA</i> Selden in Selden et al., 2006	Cretaceous
29. <i>DINODIPLURA ambulacra</i> Selden in Selden et al., 2006*	K Crato Formation
<i>ISCHNOTHELE</i> Ausserer, 1875	?Neogene – Recent
? <i>Ischnothele</i> sp. in Wunderlich (1988)	Ne Dominican amber
<i>MASTERIA</i> L. Koch, 1873	Neogene – Recent
= † <i>Microsteria</i> Wunderlich, 1988	
30. <i>Masteria sexoculata</i> (Wunderlich, 1988)	Ne Dominican amber
? <i>Masteria</i> sp. in Schawaller (1982c: as ? <i>Ischnothele</i>)	Ne Dominican amber
genus uncertain	
Dipluridae sp. 1–3 in Wunderlich (2004a)	Pa Baltic amber
Dipluridae sp. in Wunderlich (2004a)	Ne Dominican amber
Dipluridae indet. in Wunderlich (2012d)	K Myanmar amber
CYRTAUCHENIIDAE Simon, 1892b	Neogene – Recent
<i>BLOSTROMUS</i> Ausserer, 1875	Neogene – Recent
31. <i>Blostromus destructus</i> Wunderlich, 1988	Ne Dominican amber
CTENIZIDAE Thorell, 1887	Palaeogene – Recent
= HALONOPROCTIDAE Pocock, 1903	
† <i>BALTOCTENIZA</i> Eskov & Zonstein, 2000	Palaeogene
32. <i>Baltocteniza kulickae</i> Eskov & Zonstein, 2000	Pa Baltic amber
† <i>ELECTROCTENIZA</i> Eskov & Zonstein, 2000	Palaeogene
33. <i>Electrocteniza sadilenkoi</i> Eskov & Zonstein, 2000	Pa Baltic amber
<i>UMMIDIA</i> Thorell, 1875	Palaeogene – Recent
34. <i>Ummidia damzeni</i> Wunderlich, 2000	Pa Baltic amber
35. <i>Ummidia malinowskii</i> Wunderlich, 2000	Pa Baltic amber
<i>Ummidia</i> sp. in Wunderlich (2004a)	Pa Baltic amber
? <i>Ummidia</i> sp. in Wunderlich (2011h)	Pa Baltic amber

- EUCTENIZIDAE Raven, 1985** **Recent**
no fossil record
- IDIOPIDAE Simon, 1892b** **Recent**
no fossil record
- ACTINOPODIDAE Simon, 1892b** **Recent**
= ERIODONTIDAE C. L. Koch & Berendt, 1854
[based on a generic synonym; listed in Bonnet as syn. of Clubionidae!]
no fossil record
- MIGIDAE Simon, 1892b** **Recent**
no fossil record
- NEMESIIDAE Simon, 1892b** **Cretaceous – Recent**
= PYCNOTHELIDAE Chamberlin, 1917
- † ***Cretamygale* Selden, 2002** **Cretaceous**
36. *Cretamygale chasei* Selden, 2002* K Isle of Wight
- † ***Eodiplurina* Petrunkevitch, 1922** **Palaeogene**
[NB: Selden (2001) questioned this familial placement based on claw structure]
37. *Eodiplurina cockerelli* Petrunkevitch, 1922* Pa Florissant
- MICROSTIGMATIDAE Roewer, 1942** **Neogene – Recent**
= MICROMYGALIDAE Wunderlich, 2004b
- † ***Parvomygale* Wunderlich, 2004b** **Neogene**
38. *Parvomygale distincta* Wunderlich, 2004b* Ne Dominican amber
- BARYCHELIDAE Simon, 1889b** **Neogene – Recent**
***Psalistops* Simon, 1889b** **Neogene – Recent**
39. *Psalistops hispaniolensis* Wunderlich, 1988* Ne Dominican amber
- THERAPHOSIDAE Thorell, 1870a** **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**
40. *Ischnocolinopsis acutus* Wunderlich, 1988* Ne Dominican amber
- PARATROPIDIDAE Simon, 1889a** **Recent**
no fossil record

ARANEOMORPHAE Smith, 1902	Triassic – Recent
ARANEOMORPHAE indet.	
† <i>Argyrahne</i> Selden in Selden <i>et al.</i> , 1999	Triassic
41. <i>Argyrahne solitus</i> Selden in Selden <i>et al.</i> , 1999*	Tr Virginia
† <i>Triassaraneus</i> Selden in Selden <i>et al.</i> , 1999	Triassic
42. <i>Triassaraneus andersonorum</i> Selden in Selden <i>et al.</i> , 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
<i>Misionella</i> Ramírez & Grismado, 1997	Neogene – Recent
43. <i>Misionella didicostae</i> Penney, 2005a	Ne Dominican amber
SICARIIDAE Keyserling, 1880a	Neogene – Recent
= LOXOSCELIDAE Simon, 1893	
<i>Loxosceles</i> Heineken & Lowe, 1832	Neogene – Recent
44. <i>Loxosceles aculicaput</i> Wunderlich, 2004c	Ne Dominican amber
45. <i>Loxosceles defecta</i> Wunderlich, 1988	Ne Dominican amber
46. <i>Loxosceles deformis</i> Wunderlich, 1988	Ne Dominican amber
<i>Loxosceles</i> sp. in Wunderlich (1988)	Ne Dominican amber
SCYTODIDAE Blackwall, 1864	Cretaceous – Recent
Sytodidae sp. 1–2 in Wunderlich (2004b)	Pa Bitterfeld amber
Scytodes Latreille, 1804a	?Cretaceous – Recent
47. ? <i>Scytodes hani</i> Wunderlich, 2012d	K Jordanian amber
48. <i>Scytodes marginalis</i> Wunderlich, 2004as	Qt Madagascan copal
49. <i>Scytodes piliformis</i> Wunderlich, 1988	Ne Dominican amber
50. <i>Scytodes planithorax</i> Wunderlich, 1988	Ne Dominican amber
51. <i>Scytodes stridulans</i> Wunderlich, 1988	Ne Dominican amber

52. <i>Scytodes weitschati</i> Wunderlich, 1993a	Pa Baltic amber
<i>Scytodes</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
<i>Scytodes</i> sp. <i>in</i> Wunderlich (2011 <i>h</i>)	Pa Baltic amber
PERIEGOPIDAE Simon, 1893	Recent
no fossil record	
DRYMUSIDAE Simon, 1893	Recent
no fossil record	
† PRAETERLEPTONETIDAE Wunderlich 2008<i>d</i>	Cretaceous
<i>Praeterleptonetidae</i> indet. <i>in</i> Wunderlich (2008 <i>d</i>)	K Myanmar amber
† <i>Palaeohygropoda</i> Penney, 2004<i>c</i>	Cretaceous
53. <i>Palaeohygropoda myanmarensis</i> Penney, 2004 <i>c</i> *	K Myanmar amber
† <i>Praeterleptoneta</i> Wunderlich, 2008<i>d</i>	Cretaceous
54. <i>Praeterleptoneta spinipes</i> Wunderlich, 2008 <i>d</i> *	K Myanmar amber
55. <i>Praeterleptoneta tibialis</i> Wunderlich, 2011 <i>i</i>	K Myanmar amber
† PHOLCOCHYROCERIDAE Wunderlich, 2008<i>d</i> (n. stat. 2012<i>d</i>)	Cretaceous
† <i>Pholcochyrocer</i> Wunderlich, 2008<i>d</i>	Cretaceous
56. <i>?Pholcochyrocer baculum</i> Wunderlich, 2012 <i>d</i>	K Myanmar amber
57. <i>Pholcochyrocer guttulaequae</i> Wunderlich, 2008 <i>d</i> *	K Myanmar amber
58. <i>Pholcochyrocer pecten</i> Wunderlich, 2012 <i>d</i>	K Myanmar amber
LEPTONETIDAE Simon, 1890	Cretaceous – Recent
† <i>Eoleptoneta</i> Wunderlich, 1991	Palaeogene
59. <i>Eoleptoneta curvata</i> Wunderlich, 2004 <i>c</i>	Pa Bitterfeld amber
60. <i>Eoleptoneta duocalcar</i> Wunderlich, 2004 <i>c</i>	Pa Baltic amber
61. <i>Eoleptoneta kutscheri</i> Wunderlich, 1991*	Pa Bitterfeld amber
62. <i>Eoleptoneta multispinae</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
63. <i>Eoleptoneta pseudoarticulata</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
64. <i>Eoleptoneta similis</i> Wunderlich, 2004 <i>c</i>	Pa Baltic amber
† <i>Oligoleptoneta</i> Wunderlich 2004<i>c</i>	Palaeogene
65. <i>Oligoleptoneta altoculus</i> Wunderlich 2004 <i>c</i> *	Pa Baltic amber
66. <i>Oligoleptoneta cymbiospina</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
† <i>Palaeoleptoneta</i> Wunderlich 2012<i>d</i>	Cretaceous
67. <i>Paleoleptoneta calcar</i> Wunderlich, 2012 <i>d</i> *	K Myanmar amber
TELEMIDAE Fage, 1913	Palaeogene – Recent
<i>Telema</i> Simon, 1882	Palaeogene – Recent
68. <i>?Telema moritzi</i> Wunderlich, 2004 <i>c</i>	Pa Baltic / Bitt. amber

OCHYROCERATIDAE Fage, 1912 s. l. [incl. PSILODERCINAE]	Cretaceous – Recent
= † EOPSILODERCIDAE Wunderlich, 2008 <i>d</i>	
[NB: Wunderlich (2012 <i>d</i>) recognised this as a junior synonym of a family Psilodercidae; Platnick does not recognise this family]	
?Epsilodercidae indet. 1–3 <i>in</i> Wunderlich (2008 <i>d</i>)	K Myanmar amber
† Arachnolithulus Wunderlich, 1988	Neogene
69. <i>Arachnolithulus longipes</i> Wunderlich, 2004 <i>c</i>	Ne Dominican amber
70. <i>Arachnolithulus pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
? <i>Arachnolithulus</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
† Epsiloderces Wunderlich, 2008<i>d</i>	Cretaceous
71. <i>Epsiloderces loxosceloides</i> Wunderlich, 2008 <i>d</i>	K Myanmar amber
† Furcembolus Wunderlich, 2008<i>d</i>	Cretaceous
72. <i>Furcembolus andersoni</i> Wunderlich, 2008 <i>d</i>	K Myanmar amber
Leclercera Deeleman-Reinhold, 1995	Cretaceous – Recent
73. <i>Leclercera longissipes</i> Wunderlich, 2012 <i>d</i>	K Myanmar amber
74. <i>Leclercera spicula</i> Wunderlich, 2012 <i>d</i>	K Myanmar amber
Psiloderces Simon, 1892	?Cretaceous – Recent
75. ? <i>Psiloderces filiformis</i> Wunderlich, 2012 <i>d</i>	K Myanmar amber
PHOLCIDAE C. L. Koch, 1851	Palaeogene – Recent
Pholcidae sp. 1–2 <i>in</i> Wunderlich (2004 <i>b</i>)	Pa Baltic amber
Pholcidae sp. <i>in</i> Wunderlich (2004 <i>au</i>)	Pa Fu Shun amber
Coryssocnemis Simon, 1893	Neogene – Recent
76. ? <i>Coryssocnemis velteni</i> Wunderlich, 2004 <i>c</i>	Ne Dominican amber
Leptopholcus Simon, 1893	Neogene
77. <i>Leptopholcus kiskeya</i> Huber & Wunderlich, 2006	Ne Dominican amber
Modisimus Simon, 1893	Neogene – Recent
78. <i>Modisimus calcar</i> Wunderlich, 1988	Ne Dominican amber
79. <i>Modisimus calcaroides</i> Wunderlich, 1988	Ne Dominican amber
80. <i>Modisimus crassifemoralis</i> Wunderlich, 1988	Ne Dominican amber
81. <i>Modisimus oculatus</i> Wunderlich, 1988	Ne Dominican amber
82. <i>Modisimus tuberosus</i> Wunderlich, 1988	Ne Dominican amber
<i>Modisimus</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
† Paraspermophora Wunderlich, 2004<i>c</i>	Palaeogene
83. <i>Paraspermophora bitterfeldensis</i> Wunderlich, 2004 <i>c</i>	Pa Bitterfeld amber
84. <i>Paraspermophora perplexa</i> Wunderlich, 2004 <i>c</i> *	Pa Baltic amber
<i>Paraspermophora</i> sp. <i>in</i> Wunderlich (2004 <i>c</i> , 2011 <i>h</i>)	Pa Baltic / Bitt. amber
Pholcophora Banks, 1896	Neogene – Recent
85. <i>Pholcophora brevipes</i> Wunderlich, 1988	Ne Dominican amber
86. <i>Pholcophora gracilis</i> Wunderlich, 1988	Ne Dominican amber
87. <i>Pholcophora longicornis</i> Wunderlich, 1988	Ne Dominican amber

Quamtana Huber, 2003	Palaeogene – Recent
88. <i>Quamtana huberi</i> Penney, 2007a	Pa Le Quesnoy amber
† Serratochorus Wunderlich, 1988	Neogene
89. <i>Serratochorus pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
PLECTREURIDAE Simon, 1893	Jurassic – Recent
† Eoplectreurys Selden & Huang, 2010	Jurassic
90. <i>Eoplectreurys gertschi</i> Selden & Huang, 2010*	J Daohugou
† Montsecarachne Selden, 2014a	Cretaceous
91. <i>Montsecarachne amicorum</i> Selden, 2014a*	K El Montsec
† Palaeoplectreurys Wunderlich, 2004c	Palaeogene
92. <i>Palaeoplectreurys baltica</i> Wunderlich, 2004c*	Pa Baltic amber
Plectreurys Simon, 1893	Neogene – Recent
93. <i>Plectreurys pittfieldi</i> 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
94. <i>Nops lobatus</i> Wunderlich, 1988	Ne Dominican amber
i. = <i>Nops segmentatus</i> Wunderlich, 1988	Ne Dominican amber
<i>Nops</i> sp. in Wunderlich (1988)	Ne Dominican amber
TETRABLEMMIDAE O. P.-Cambridge, 1873	Cretaceous – Recent
= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]	
= PACULLIDAE Simon, 1894	
Tetrablemmidae gen. indet. in Wunderlich (2012d)	K Myanmar amber
† Balticoblemma Wunderlich, 2004c	Palaeogene
95. <i>Balticoblemma unicorniculum</i> Wunderlich, 2004c*	Pa Baltic amber
† Eogamasomorpha Wunderlich, 2008d	Cretaceous
96. <i>Eogamasomorpha nubila</i> Wunderlich, 2008d*	K Myanmar amber
† Eoscaphiella Wunderlich, 2011i	Cretaceous
97. <i>Eoscaphiella ohlhoffi</i> Wunderlich, 2011i*	K Myanmar amber
Monoblemma Gertsch, 1941	Neogene
98. ? <i>Monoblemma spinosum</i> Wunderlich, 1988*	Ne Dominican amber
† Saetosoma Wunderlich, 2012d	Cretaceous
99. <i>Saetosoma filiembolus</i> Wunderlich, 2012d*	K Myanmar amber
TROGLORAPTORIDAE Griswold, Audisio & Ledford, 2012	Recent
no fossil record	

DYSDEROIDEA Bristowe, 1938	Cretaceous – Recent
?Dysderoidea s. l. indet 1–2 in Wunderlich (2008d)	K Myanmar amber
SEGESTRIIDAE Simon, 1893	Cretaceous – Recent
?Segestriidae indet in Wunderlich (2008d)	K Myanmar amber
Ariadna Audouin, 1826	Cretaceous – Recent
100. ? <i>Ariadna amissiocoli</i> Wunderlich, 2008d	K Jordanian amber
101. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
102. <i>Ariadna defuncta</i> Wunderlich 2004c	Pa Bitterfeld amber
103. <i>Ariadna hintzei</i> Wunderlich, 2004as	Qt Madagascan copal
104. <i>Ariadna ovalis</i> Wunderlich, 2008a	Pa Baltic amber
105. <i>Ariadna parva</i> Wunderlich, 2008a	Pa Baltic amber
106. <i>Ariadna paucispinosa</i> Wunderlich, 1988	Ne Dominican amber
107. <i>Ariadna resinae</i> Hickman, 1957	Ne? Australian copal
? <i>Ariadna</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Lebansegestria Wunderlich 2008d	Cretaceous
108. <i>Lebansegestria azari</i> Wunderlich, 2008d*	K Lebanese amber
† Microsegestria Wunderlich & Milki, 2004	Cretaceous
109. <i>Microsegestria poinari</i> Wunderlich & Milki, 2004*	K Lebanese amber
† Palaeosegestria Penney, 2004a	Cretaceous
110. <i>Palaeosegestria lutzii</i> Penney, 2004a*	K New Jersey amber
Segestria Latreille, 1804a	Cretaceous – Recent
111. <i>Segestria cristata</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
112. <i>Segestria flexio</i> Wunderlich, 2004c	Pa Baltic amber
113. <i>Segestria mortalis</i> Wunderlich 2004c	Pa Baltic amber
114. <i>Segestria plicata</i> Petrunkevitch, 1950	Pa Baltic amber
115. <i>Segestria scudderi</i> Petrunkevitch, 1922	Pa Florissant
116. <i>Segestria secessa</i> Scudder, 1890a	Pa Florissant
117. <i>Segestria succinei</i> Berland, 1939	Pa Baltic amber
118. <i>Segestria tomentosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
i. = <i>Segestria plicata</i> Petrunkevitch, 1950 [provisional]	Pa Baltic amber
<i>Segestria</i> sp. in Penney (2002)	K New Jersey amber
<i>Segestria</i> sp. in Wunderlich (2004c)	Pa Baltic amber
<i>Segestria</i> sp. in Selden (2014b)	Pa Isle of Wight
† Vetsegestria Wunderlich, 2004c	Palaeogene
119. <i>Vetsegestria quinquespinosa</i> Wunderlich, 2004c*	Pa Baltic / Bitter. amber
DYSDERIDAE C. L. Koch, 1837	Palaeogene – Recent
† Dasumiana Wunderlich, 2004c	Palaeogene
120. <i>Dasumiana emicans</i> Wunderlich, 2004c*	Pa Baltic amber
121. ? <i>Dasumiana subita</i> (Petrunkevitch, 1958)	Pa Baltic amber

122. <i>Dasumiana valga</i> Wunderlich, 2004c	Pa Baltic amber
Dysdera Latreille, 1804	Palaeogene – Recent
123. <i>Dysdera dilatata</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Harpactea Bristowe, 1939	Palaeogene – Recent
124. <i>Harpactea communis</i> Wunderlich, 2004c	Pa Baltic amber
125. <i>Harpactea extincta</i> Petrunkevitch, 1950	Pa Baltic amber
126. <i>Harpactea hombergi</i> (Scopoli, 1763) [Recent]	Qt England
127. <i>Harpactea longibulbus</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
128. <i>Harpactea tersa</i> (C. L. Koch & Berendt, 1854) ... [provisional transfer]	Pa Baltic amber
<i>Harpactea</i> sp. <i>in</i> Wunderlich (2011 <i>h</i>)	Pa Bitterfeld amber
† Segistriites Straus, 1967	Neogene
129. <i>Segistriites cromei</i> Straus, 1967*	Ne Willershausen
Dysderidae?	
† Mistura Petrunkevitch, 1971	Neogene
130. <i>Mistura perplexa</i> Petrunkevitch, 1971*	Ne Chiapas amber
OONOPIDAE Simon, 1890	
Oonopidae gen. et sp. <i>in</i> Penney (2002)	K New Jersey amber
† Burmorchestina Wunderlich, 2008a	Cretaceous
131. <i>Burmorchestina pulcher</i> Wunderlich, 2008a*	K Myanmar amber
† Canadaorchestina Wunderlich, 2008a	Cretaceous
132. <i>Canadaorchestina albertensis</i> (Penney, 2006a)*	K Manitobian amber
† Fossilopaea Wunderlich, 1988	Neogene
133. <i>Fossilopaea sulci</i> Wunderlich, 1988*	Ne Dominican amber
Heteroonops Dalmás, 1916	?Neogene – Recent
<i>Heteroonops</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Opopaea Simon, 1891	?Neogene – Recent
? <i>Opopaea</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Orchestina Simon, 1882	Cretaceous – Recent
134. <i>Orchestina (Baltorchestina) angulata</i> Wunderlich, 2012 <i>f</i> [replacement name].....	Pa Bitterfeld amber
i. = <i>Orchestina (B.) rectangulata</i> Wunderlich, 2011 <i>h</i> [preoccupied]	
135. <i>Orchestina baltica</i> Petrunkevitch, 1942	Pa Baltic amber
136. <i>Orchestina (Baltorchestina) bitterfeldensis</i> Wunderlich, 2008a	Pa Bitterfeld amber
137. <i>Orchestina breviembolus</i> Wunderlich, 1981	Pa Baltic amber
138. <i>Orchestina (Baltorchestina) brevis</i> Wunderlich, 2008a	Pa Baltic amber
139. <i>Orchestina crassiembolus</i> Wunderlich, 1981	Pa Baltic amber
140. <i>Orchestina (Baltorchestina) crassipatellaris</i> Wunderlich, 1981	Pa Baltic amber
141. <i>Orchestina (Baltorchestina) crassitibialis</i> Wunderlich, 1981	Pa Baltic amber
142. <i>Orchestina (Baltorchestina) colchembolus</i> Wunderlich, 1981	Pa Baltic amber

143. <i>Orchestina colombiensis</i> Wunderlich, 2004at	Qt	Colombian copal
144. <i>Orchestina dominicana</i> Wunderlich, 1981	Ne	Dominican amber
145. <i>Orchestina forceps</i> Wunderlich, 1981	Pa	Baltic amber
146. <i>Orchestina (Baltorchestina) forfex</i> Wunderlich, 2011h	Pa	Baltic amber
147. <i>Orchestina (Baltorchestina) furca</i> Wunderlich, 1981	Pa	Baltic amber
148. <i>Orchestina fushunensis</i> Wunderlich, 2004au	Pa	Fu Shun amber
149. <i>Orchestina gappi</i> Saupe et al., 2012	K	Archingeay amber
150. <i>Orchestina gracilitibialis</i> Wunderlich, 2004c	Pa	Baltic amber
151. <i>Orchestina (Baltorchestina) imperialis</i> Petrunkevitch, 1963	Pa	Baltic/Bitter. amber
152. <i>Orchestina kenyana</i> Wunderlich, 1981	Qt	East African copal
153. <i>Orchestina longimana</i> Wunderlich, 1981	Qt	East African copal
154. <i>Orchestina madagascariensis</i> Wunderlich, 2004as	Qt	Madagascan copal
155. <i>Orchestina mortua</i> Petrunkevitch, 1971	Ne	Chiapas amber
156. <i>Orchestina (Baltorchestina) multisetae</i> Wunderlich, 2008a	Pa	Baltic amber
157. <i>Orchestina (Gallorchestina) parisiensis</i> Penney, 2007b	Pa	Le Quesnoy amber
158. <i>Orchestina (Baltorchestina) perfecta</i> Wunderlich, 2008a	Pa	Baltic amber
159. <i>Orchestina pusilla</i> (Menge in C. L. Koch & Berendt, 1854)	Pa	Baltic amber
160. <i>Orchestina rabagensis</i> Saupe et al., 2012	K	El Soplao amber
161. <i>Orchestina (Baltorchestina) rectangulata</i> Wunderlich, 2008a	Pa	Baltic amber
162. <i>Orchestina (Baltorchestina) sternalis</i> Wunderlich, 2008a	Pa	Baltic amber
163. <i>Orchestina tibialis</i> Wunderlich, 1988	Ne	Dominican amber
164. <i>Orchestina truncata</i> Wunderlich, 2004at	Qt	Colombian copal
165. <i>Orchestina tuberosa</i> Wunderlich, 1981	Pa	Baltic amber
<i>Orchestina</i> sp. in Nishikawa (1974)	Qt	Mizunami copal
<i>Orchestina</i> sp. in Saupe et al. (2012)	K	Álava amber
<i>Orchestina</i> sp. in Soriano et al. (2010)	K	San Just amber
<i>Orchestina</i> sp. in Wunderlich (2011h)	Pa	Bitterfeld amber
Stenoonops Simon, 1891		Palaeogene – Recent
166. <i>Stenoonops incertus</i> (Wunderlich, 1988)	Ne	Dominican amber
167. ? <i>Stenoonops rugosus</i> Wunderlich, 2004c	Pa	Bitterfeld amber
168. <i>Stenoonops seldeni</i> (Penney, 2000)	Ne	Dominican amber
ORSOLOBIDAE Cooke, 1965		Recent
no fossil record		
† PLUMORSOLIDAE Wunderlich, 2008d		Cretaceous
?Plumorsolidae indet. in Wunderlich (2008d)	K	Myanmar amber
?Plumorsolidae indet. in Wunderlich (2011i)	K	Myanmar amber
† Plumorsolus Wunderlich, 2008d		Cretaceous
169. <i>Plumorsolus gondwanensis</i> Wunderlich, 2008d	K	Lebanese amber
ENTELEGYNAE Simon, 1893		Triassic – Recent

PALPIMANOIDEA Thorell, 1870a	Jurassic – Recent
family uncertain	
† <i>Sinaranea</i> Selden, Huang & Ren, 2008	Jurassic
170. <i>Sinaranea metaxyostraca</i> Selden, Huang & Ren, 2008*	J Daohugou, China
ARCHAEIDAE C. L. Koch & Berendt, 1854	Jurassic – Recent
<i>Archaea</i> C. L. Koch & Berendt, 1854	Palaeogene – Recent
171. ? <i>Archaea bitterfeldensis</i> Wunderlich, 2004d	Pa Bitterfeld amber
172. <i>Archaea compacta</i> Wunderlich, 2004d	Pa Baltic amber
173. <i>Archaea paradoxa</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
i. = <i>Archaea laevigata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
ii. = <i>Archaea incompta</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
174. <i>Archaea pougneti</i> Simon, 1884b	Pa Baltic amber
† <i>Baltarchaea</i> Eskov, 1992	Palaeogene
175. <i>Baltarchaea conica</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
† <i>Burmesarchaea</i> Wunderlich, 2008d	Cretaceous
176. <i>Burmesarchaea grimaldii</i> (Penney, 2003a)	K Myanmar amber
† <i>Eoarchaea</i> Forster & Platnick, 1984	Palaeogene
177. <i>Eoarchaea hyperoptica</i> (Menge in C. L. Koch & Berendt, 1854)*	Pa Baltic amber
178. <i>Eoarchaea vidua</i> Wunderlich, 2004d	Pa Baltic amber
† <i>Eomysmauchenius</i> Wunderlich, 2008d	Cretaceous
179. <i>Eomysmauchenius septentrionalis</i> Wunderlich, 2008d*	K Myanmar amber
<i>Eriauchenius</i> O. P.-Cambridge, 1881	Quaternary – Recent
180. <i>Eriauchenius gracilicollis</i> (Millot, 1948) [Recent]	Qt Copal
i. = <i>Archaea copalensis</i> Lourenço, 2000b	Qt Copal
† <i>Filiauchenius</i> Wunderlich, 2008d	Cretaceous
181. <i>Filiauchenius paucidentatus</i> Wunderlich, 2008d*	K Myanmar amber
† <i>Jurarchaea</i> Eskov, 1987	Jurassic
182. <i>Jurarchaea zherikhini</i> Eskov, 1987*	J Kazakhstan
† <i>Lacunauchenius</i> Wunderlich, 2008d	Cretaceous
183. <i>Launauchenius speciosus</i> Wunderlich, 2008d*	K Myanmar amber
† <i>Myrmecarchaea</i> Wunderlich, 2004d	Palaeogene
184. <i>Myrmecarchaea petiolus</i> Wunderlich, 2004d*	Pa Baltic amber
185. <i>Myrmecarchaea pediculus</i> Wunderlich, 2004d	Pa Baltic amber
† <i>Patarchaea</i> Selden, Huang & Ren, 2008	Jurassic
186. <i>Patarchaea muralis</i> Selden, Huang & Ren, 2008*	J Daohugou, China
† <i>Saxonarchaea</i> Wunderlich, 2004d	Palaeogene
187. <i>Saxonarchaea dentata</i> Wunderlich, 2004d*	Pa Bitterfeld amber
188. <i>Saxonarchaea diabolica</i> Wunderlich, 2004d	Pa Bitterfeld amber

MECYSMAUCHENIIDAE Simon, 1895	Cretaceous – Recent
† Archaemecys Saupe & Selden, 2009	Cretaceous
189. <i>Archaemecys arcantiensis</i> 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 <i>in</i> Penney <i>et al.</i> , 2007	Palaeogene
190. <i>Cenotextricella simoni</i> Penney <i>in</i> Penney <i>et al.</i> , 2007	Pa Le Quesnoy amber
HUTTONIIDAE Simon, 1893	Cretaceous – Recent
unnamed genus and species <i>in</i> Penney & Selden (2006)	K Manitoban amber
STENOCHILIDAE Thorell, 1873	Recent
no fossil record	
† MICROPALPIMANIDAE Wunderlich, 2008 <i>d</i>	Cretaceous
† Micropalpimanus Wunderlich, 2008 <i>d</i>	Cretaceous
<i>Micropalpimanus</i> sp. indet <i>in</i> Wunderlich (2012 <i>d</i>)	K Myanmar amber
191. <i>Micropalpimanus poinari</i> Wunderlich, 2008 <i>d</i>	K Myanmar amber
PALPIMANIDAE Thorell, 1870 <i>a</i>	Neogene – Recent
= OTITHOPOIDAE Thorell, 1869 [younger name protected by useage]	
= CHERSIDAE Canestrini & Pavesi, 1870	
Otiothops MacLeay, 1839	Neogene – Recent
<i>Otiothops</i> sp. 1–2 <i>in</i> Wunderlich (1988)	Ne Dominican amber
† LAGONOMEGOPIDAE Eskov & Wunderlich, 1995	Cretaceous
† Archaelagonops Wunderlich, 2012 <i>d</i>	Cretaceous
192. <i>Archaelagonops salticoides</i> Wunderlich, 2012 <i>d</i> *	K Myanmar amber
† Burlagonomegops Penney, 2005 <i>b</i>	Cretaceous
193. <i>Burlagonomegops alavensis</i> Penney, 2006 <i>b</i>	K Álava amber
194. <i>Burlagonomegops eskovi</i> Penney, 2005 <i>b</i> *	K Myanmar amber
† Lagonoburmops Wunderlich, 2012 <i>d</i>	Cretaceous
195. <i>Lagonoburmops plumosus</i> Wunderlich, 2012 <i>d</i> *	K Myanmar amber
† Lagonomegops Eskov & Wunderlich, 1995	Cretaceous
196. <i>Lagonomegops americanus</i> Penney, 2005 <i>b</i>	K New Jersey amber
197. <i>Lagonomegops sukatchevae</i> Eskov & Wunderlich, 1995*	K Taimyr amber
† Myanlagonops Wunderlich, 2012 <i>d</i>	Cretaceous

198. *Myanlagonops gracilipes* Wunderlich, 2012d* K Myanmar amber
- † **Zarquagonomegops Kaddumi, 2007** **Cretaceous**
199. *Zarquagonomegops wunderlichi* Kaddumi, 2007* K Jordanian amber
- † **GRANDOCULIDAE Penney, 2011** **Cretaceous**
- NB: The validity of this family has been challenged (cf. Wunderlich 2012d).
- † **Grandoculus Penney, 2004b** **Cretaceous**
200. *Grandoculus chemahawinensis* Penney, 2004b* K Manitobian amber
- † **SPATIATORIDAE Petrunkevitch, 1942** **Palaeogene**
- † **Spatiator Petrunkevitch, 1942** **Palaeogene**
201. *Spatiator caulis* Wunderlich, 2008a Pa Baltic amber
202. *Spatiator martensi* Wunderlich, 2006 Pa Baltic amber
203. *Spatiator praeceps* Petrunkevitch, 1942* Pa Baltic amber
- Spatiator* sp. *in* Wunderlich (2011h) 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.* (2012a) Pa Indian amber
- Mimetini sp. 1–4 *in* Wunderlich (2004q) Pa Baltic amber
- Ero C. L. Koch, 1836** **Palaeogene – Recent**
- = † *Palaeoero* Wunderlich, 2004q
- = † *Succinero* Wunderlich, 2004q
- [Wunderlich revalidated both as putative subgenera]
204. *Ero carboneana* Petrunkevitch, 1942 Pa Baltic amber
205. *Ero aberrans* Petrunkevitch, 1958 Pa Baltic amber
- [Treated as a *nomen dubium* by Harms & Dunlop (2009)]
206. *Ero (Succinero) clunis* Wunderlich, 2012c Pa Baltic amber
207. *Ero (Succinero) gracilitibialis* Wunderlich, 2012c Pa Baltic amber
208. *Ero (Paleoero) longitarsus* (Wunderlich, 2004q) Pa Baltic amber
209. *Ero permunda* Petrunkevitch, 1942 Pa Baltic amber
210. *Ero (Succinero) rovnoensis* (Wunderlich, 2004ar) Pa Rovno amber
211. *Ero (Succinero) veta* Wunderlich, 2012c Pa Baltic amber
- Mimetus Hentz, 1832** **Palaeogene – Recent**
- ? *Mimetus* sp. *in* Wunderlich (1988) Ne Dominican amber
212. *Mimetus bituberculatus* Wunderlich, 1988 Ne Dominican amber
213. *Mimetus brevipes* Wunderlich, 2004q Pa Baltic amber
- [synonymised by Harms & Dunlop (2009), but resurrected by Wunderlich (2012c)]

214. ?*Mimetus longipes* Wunderlich, 2004*g* Pa Baltic amber
- † **Protomimetus Wunderlich, 2011** **Palaeogene**
215. ?*Protomimetus breviclypeus* Wunderlich, 2011*h* Pa Baltic amber
216. *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**
217. *Lebanoecobius schleei* Wunderlich, 2004*e** K Lebanese amber
- † **Mizalia C. L. Koch & Berendt, 1854** **Palaeogene**
- = † *Paruroctea* Petrunkevitch, 1942
218. *Mizalia blauvelti* (Petrunkevitch, 1942) Pa Baltic amber
219. *Mizalia gemini* Wunderlich, 2004*e* Pa Baltic amber
220. *Mizalia rostrata* C. L. Koch & Berendt, 1854* Pa Baltic amber
- i. = *Mizalia pilosula* C. L. Koch & Berendt, 1854 Pa Baltic amber
221. *Mizalia spirembolus* Wunderlich, 2004*e* Pa Baltic amber
- Mizalia* sp. *in* Wunderlich (2011*h*) Pa Baltic/Bltter. amber
- Oecobius Lucas, 1846** **?Cretaceous – Recent**
222. *Oecobius piliformis* Wunderlich, 1988 Ne Dominican amber
- ?*Oecobius* sp. indet. *in* Penney (2002) K New Jersey amber
- Uroctea Dufour, 1820** **Palaeogene – Recent**
223. *Uroctea galloprovincialis* Gourret, 1887 Pa Aix-en-Provence
- † **Zamilia Wunderlich, 2008*d*** **Cretaceous**
224. *Zamilia antecessor* Wunderlich, 2008*d* K Myanmar amber
- HERSILIIDAE Thorell, 1870a** **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**
225. *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]

226. <i>"Fictotama" maculosa</i> Wunderlich, 2011g	Ne Dominican amber
† Gerdia Menge, 1869	Palaeogene
227. <i>Gerdia myura</i> Menge, 1869*	Pa Baltic amber
† Gerdiopsis Wunderlich, 2004e	Palaeogene
228. <i>Gerdiopsis infrigens</i> Wunderlich, 2004e*	Pa Baltic amber
† Gerdiorum Wunderlich 2004e	Palaeogene
229. <i>Gerdiorum inflexum</i> Wunderlich 2004e*	Pa Baltic amber
Hersilia Audouin, 1826	Palaeogene – Recent
= † <i>Hersiliopsis</i> Wunderlich, 2004e	
230. <i>Hersilia aquisextana</i> Gourret, 1887	Pa Aix-en-Provence
231. <i>Hersilia longipes</i> Giebel, 1856	Pa Baltic amber
232. <i>Hersilia madagascarensis</i> (Wunderlich, 2004e)	Qt–R Madagas. copal
233. ? <i>Hersilia miranda</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Hersiliana Wunderlich, 2004e	Quaternary – Recent
234. <i>Hersiliana brevipes</i> Wunderlich, 2004e*	Qt Madagascan copal
† Prototama Petrunkevitch, 1971	Neogene
= † <i>Priscotama</i> Petrunkevitch, 1971	
235. <i>Prototama antiqua</i> (Petrunkevitch, 1971)	Ne Chiapas amber
236. <i>Prototama maior</i> (Wunderlich, 1988)	Ne Dominican amber
237. <i>Prototama media</i> (Wunderlich, 1988)	Ne Dominican amber
238. <i>Prototama minor</i> (Wunderlich, 1987)	Ne Dominican amber
239. <i>Prototama succinea</i> Petrunkevitch, 1971*	Ne Chiapas amber
<i>Prototama</i> sp. in Wunderlich (1988)	Ne Dominican amber
Superfamily uncertain	
† BURMASCUTIDAE Wunderlich, 2008d	Cretaceous
† <i>Burmascutum</i> Wunderlich, 2008d	Cretaceous
240. <i>Burmascutum aenigma</i> Wunderlich, 2008d*	K Myanmar amber
† SALTICOIDIDAE Wunderlich, 2008d	Cretaceous
† <i>Salticoidus</i> Wunderlich, 2008d	Cretaceous
241. <i>Salticoidus kaddumiorum</i> Wunderlich, 2008d*	K Jordanian amber
'CANOE TAPETUM' CLADE	Triassic – Recent
ORBICULARIAE Walckenaer, 1802	Triassic – Recent
DEINOPOIDEA C. L. Koch, 1851	?Jurassic – Recent
DEINOPIIDAE C. L. Koch, 1851	Cretaceous – Recent
<i>Deinopis</i> MacLeay, 1839	Quaternary – Recent
242. <i>Deinopis ?madagascariensis</i> Lenz, 1886 [Recent]	Qt Madagascar copal
Menneus Simon, 1876b	Palaeogene – Recent
243. ? <i>Menneus pietrzeniukae</i> Wunderlich, 2004g	Pa Baltic amber
? <i>Menneus</i> sp. 1–3 in Wunderlich (2004g)	Pa Baltic amber

† Palaeomicromennus Penney, 2003b	Cretaceous
244. <i>Palaeomicromennus lebanensis</i> Penney, 2003b*	K Lebanese amber
ULOBORIDAE Thorell, 1869	?Jurassic – Recent
Uloboridae indet. in Wunderlich (2011f)	Qt Madagascar copal
† Talbragaraneus Selden & Beattie, 2013 [tentative assignment]	Jurassic
245. <i>Talbragaraneus jurassicus</i> Selden & Beattie, 2013*	J Talbragar, Australia
† Burmuloborus Wunderlich, 2008d	Cretaceous
246. <i>Burmuloborus parvus</i> Wunderlich, 2008d*	K Myanmar amber
† Eomiagrammopes Wunderlich, 2004f	Palaeogene
247. <i>Eomiagrammopes maior</i> Wunderlich, 2004f	Pa Baltic amber
248. <i>Eomiagrammopes minor</i> Wunderlich, 2004f	Pa Baltic amber
249. <i>Eomiagrammopes semiapertus</i> Wunderlich, 2011h	Pa Baltic amber
250. <i>Eomiagrammopes singularis</i> Wunderlich, 2004f*	Pa Baltic amber
251. <i>Eomiagrammopes spinipes</i> Wunderlich, 2004f	Pa Baltic amber
<i>Eomiagrammopes</i> sp. 1–2 in Wunderlich (2004f)	Pa Baltic amber
? <i>Eomiagrammopes</i> sp. in Wunderlich (2004f)	Pa Baltic amber
† Hyptiomopes Wunderlich, 2004f	Palaeogene
252. <i>Hyptiomopes bitterfeldensis</i> Wunderlich 2004f*	Pa Bitterfeld amber
? <i>Hyptiomopes</i> sp. in Wunderlich (2004f)	Pa Bitterfeld amber
Hyptiotes Walckenaer, 1837	Palaeogene – Recent
= † <i>Androgeus</i> C. L. Koch & Berendt, 1854	
253. <i>Hyptiotes convexus</i> Wunderlich, 2004f	Pa Baltic amber
254. <i>Hyptiotes glaber</i> Wunderlich, 2004f	Pa Baltic amber
255. <i>Hyptiotes saetosus</i> Wunderlich, 2004f	Pa Baltic amber
256. <i>Hyptiotes stellatus</i> Wunderlich, 2004f	Pa Baltic amber
257. <i>Hyptiotes triqueter</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Jerseyuloborus Wunderlich, 2011i	Cretaceous
258. <i>Jerseyuloborus longisoma</i> Wunderlich, 2011i*	K New Jersey amber
Miagrammopes O. P.-Cambridge, 1870	Neogene – Recent
259. <i>Miagrammopes dominicanus</i> Wunderlich, 2004e	Ne Dominican amber
<i>Miagrammopes</i> sp. in Penney (2001)	Ne Dominican amber
<i>Miagrammopes</i> sp. in Wunderlich (2011f)	Qt Madagascar copal
† Ocululoborus Wunderlich, 2012d	Cretaceous
260. <i>Ocululoborus curvatus</i> Wunderlich, 2012d*	K Myanmar amber
† Opellianus Wunderlich, 2004f	Palaeogene
261. <i>Opellianus excellens</i> Wunderlich, 2004f*	Pa Baltic amber
262. <i>Opellianus kazimierasi</i> Wunderlich 2004f	Pa Baltic amber
263. <i>Opellianus ludwigi</i> Wunderlich 2004f	Pa Baltic amber
† Palaeomiagrammopes Wunderlich, 2008d	Cretaceous
264. <i>Palaeomiagrammopes vesica</i> Wunderlich, 2008d*	K Myanmar amber

† Palaeouloborus Selden, 1990	Cretaceous
265. <i>Palaeouloborus lacasae</i> Selden, 1990*	K Sierra de Montsech
† Paramiagrammopes Wunderlich, 2008d	Cretaceous
266. <i>Paramiagrammopes cretaceus</i> Wunderlich, 2008d*	K Myanmar amber
<i>Paramiagrammopes</i> sp. in Wunderlich (2008d)	K Myanmar amber
† Ulobomopes Wunderlich, 2004f	Palaeogene
267. <i>Ulobomopes unicus</i> Wunderlich, 2004f*	Pa Baltic amber
ARANEOIDEA Latreille, 1806	Jurassic – Recent
Araneoidea fam indet. in Wunderlich (2008d)	K Myanmar amber
† Mesarania Hong, 1984	Jurassic
268. <i>Mesarania hebeiensis</i> Hong, 1984*	J Hebei, China
CYATHOLIPIDAE Simon, 1894	Palaeogene – Recent
= TEEMENAARIDAE Davies, 1978	
† Balticolipus Wunderlich, 2004m	Palaeogene
269. <i>Balticolipus kruemmeri</i> Wunderlich, 2004m*	Pa Baltic / Bitt. amber
† Cyathosuccinus Wunderlich, 2004m	Palaeogene
270. <i>Cyathosuccinus elongatus</i> Wunderlich, 2004m*	Pa Baltic amber
† Erigolipus Wunderlich, 2004m	Palaeogene
271. <i>Erigolipus griswoldi</i> Wunderlich, 2004m*	Pa Baltic amber
† Spinilipus Wunderlich, 1993b	Palaeogene
272. <i>Spinilipus bispinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
273. <i>Spinilipus curvatus</i> Wunderlich, 2004m	Pa Bitterfeld amber
274. <i>Spinilipus glinki</i> Wunderlich, 2004m	Pa Baltic amber
275. <i>Spinilipus kerneggeri</i> Wunderlich, 1993b*	Pa Baltic amber
276. <i>Spinilipus longembolus</i> Wunderlich, 2004m	Pa Baltic amber
† Succinilipus Wunderlich, 1993b	Palaeogene
277. <i>Succinilipus abditus</i> Wunderlich, 2004m	Pa Baltic / Bitt. amber
278. <i>Succinilipus aspinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
279. <i>Succinilipus saxoniensis</i> Wunderlich, 1993b	Pa Bitterfeld amber
280. <i>Succinilipus similis</i> Wunderlich, 2004m	Pa Bitterfeld amber
281. <i>Succinilipus teuberi</i> Wunderlich, 1993b*	Pa Baltic amber
<i>Succinilipus</i> sp. in Wunderlich (2004m)	Pa Baltic / Bitt. amber
SYNOTAXIDAE Simon, 1894	Palaeogene – Recent
† Acrometa Petrunkevitch, 1942	Palaeogene
= † <i>Eogonatium</i> Petrunkevitch, 1942	
= † <i>Liticen</i> Petrunkevitch, 1942	
= † <i>Theridiometa</i> Petrunkevitch, 1942	
= † <i>Viocurus</i> Petrunkevitch, 1958	
282. <i>Acrometa clava</i> Wunderlich, 2004n	Pa Baltic amber

283. *Acrometa cristata* Petrunkevitch, 1942* Pa NE Europe ambers
 i. = *Theridiometa edwardsi* Petrunkevitch, 1942 Pa Baltic amber
 ii. = *Viocurus fossilis* Petrunkevitch, 1958 Pa Baltic amber
284. *Acrometa eichmanni* Wunderlich, 2004*n* Pa Baltic amber
285. *Acrometa incidens* Wunderlich, 2004*n* Pa Baltic amber
286. *Acrometa minutum* (Petrunkevitch, 1942) Pa Baltic amber
287. *Acrometa pala* Wunderlich, 2004*n* Pa Baltic amber
288. *Acrometa robusta* (Petrunkevitch, 1942) Pa Baltic amber
289. *Acrometa pseudorobusta* Dunlop & Jekel, 2009 Pa Baltic amber
 i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]
290. *Acrometa samlandica* (Petrunkevitch, 1942) Pa Baltic amber
291. *Acrometa setosus* (Petrunkevitch, 1942) Pa Baltic amber
292. *Acrometa succini* Petrunkevitch, 1942 Pa Baltic amber
- † **Anandrus Menge, 1856** **Palaeogene**
 = † *Elucus* Petrunkevitch, 1942
293. *Anandrus inermis* (Petrunkevitch, 1942) Pa Baltic amber
294. *Anandrus infelix* (Petrunkevitch, 1950)* Pa Baltic amber
295. *Anandrus quaesitus* (Petrunkevitch, 1958) Pa Baltic amber
296. *Anandrus redemptus* (Petrunkevitch, 1958) Pa Baltic amber
- † **Chelicerinus Wunderlich, 2008a** **Palaeogene**
297. *Chelicerinus abnormis* Wunderlich, 2008a Pa Bitterfeld amber
- † **Cornuanandrus Wunderlich, 1986** **Palaeogene**
298. *Cornuanandrus bifurcatus* Wunderlich, 2004*n* Pa Bitterfeld amber
299. *Cornuanandrus bitterfeldensis* Wunderlich, 2004*n* Pa Bitterfeld amber
300. *Cornuanandrus corniculans* Wunderlich, 2004*n* Pa Baltic amber
301. *Cornuanandrus maior* Wunderlich, 1986* Pa Baltic amber
302. *Cornuanandrus minor* Wunderlich, 2004*n* Pa Baltic amber
- † **Dubiosynotaxus Wunderlich, 2004n** **Palaeogene**
303. *Dubiosynotaxus perfectus* Wunderlich, 2004*n** Pa Baltic amber
- † **Eosynotaxus Wunderlich, 2004n** **Palaeogene**
304. *Eosynotaxus bispinosus* Wunderlich, 2004*n* Pa Baltic amber
305. *Eosynotaxus bitterfeldensis* Wunderlich, 2004*n* Pa Bitterfeld amber
306. *Eosynotaxus custodens* Wunderlich, 2004*n* Pa Baltic amber
307. *Eosynotaxus fastigatus* Wunderlich, 2004*n* Pa Baltic amber
308. *Eosynotaxus paucispina* Wunderlich, 2004*n* Pa Baltic amber
309. *Eosynotaxus spinipes* Wunderlich, 2004*n* Pa Baltic amber
310. *Eosynotaxus wegneri* Wunderlich, 2004*n** Pa Baltic amber
- † **Gibbersynotaxus Wunderlich, 2004n** **Palaeogene**
311. *Gibbersynotaxus parvus* Wunderlich, 2004*n** Pa Baltic amber
- † **Protophysoglenes Wunderlich, 2004n** **Palaeogene**
312. *Protophysoglenes impressum* Wunderlich, 2004*n** Pa Baltic amber

† <i>Pseudoacrometa</i> Wunderlich, 1986	Palaeogene
313. <i>Pseudoacrometa gracilipes</i> Wunderlich, 1986*	Pa Baltic amber
314. <i>Pseudoacrometa wittmanni</i> Wunderlich, 2004n	Pa Baltic amber
† <i>Succinitaxus</i> Wunderlich, 2004n	Palaeogene
315. <i>Succinitaxus brevis</i> Wunderlich, 2004n*	Pa Baltic, Bitterfeld & Rovno amber
316. ? <i>Succinitaxus minutus</i> Wunderlich, 2004n	Pa Baltic amber
† <i>Sulcosynotaxus</i> Wunderlich, 2004n	Palaeogene
317. <i>Sulcosynotaxus cavatus</i> Wunderlich, 2004n*	Pa Baltic amber
NESTICIDAE Simon, 1894	Palaeogene – Recent
† <i>Balticonesticus</i> Wunderlich, 1986	Palaeogene
318. <i>Balticonesticus flexuosus</i> Wunderlich, 1986*	Pa Baltic amber
<i>Eidmanella</i> Roewer, 1935	Quaternary
319. <i>Eidmanella pallida</i> (Emerton, 1875) [Recent]	Qt Madagascar copal
† <i>Eopopino</i> Petrunkevitch, 1942	Palaeogene
320. <i>Eopopino budrysi</i> Eskov & Marusik, 1992	Pa Baltic amber
321. <i>Eopopino inopinatus affinis</i> Wunderlich, 1986	Pa Baltic amber
322. <i>Eopopino inopinatus inopinatus</i> Wunderlich, 1986	Pa Baltic amber
323. <i>Eopopino longipes</i> Petrunkevitch, 1942*	Pa Baltic amber
324. <i>Eopopino palanga</i> Eskov & Marusik, 1992	Pa Baltic amber
325. <i>Eopopino rarus rarus</i> Wunderlich, 1986	Pa Baltic amber
326. <i>Eopopino rarus solitarius</i> Wunderlich, 1986	Pa Baltic amber
327. <i>Eopopino rudloffii</i> Wunderlich, 2004o	Pa Bitterfeld amber
<i>Eopopino</i> sp. <i>in</i> Wunderlich (1986)	Pa Bitterfeld amber
† <i>Heteronesticus</i> Wunderlich, 1986	Palaeogene
328. <i>Heteronesticus magnoparacymbialis</i> Wunderlich, 1986*	Pa Baltic amber
† <i>Hispanonesticus</i> Wunderlich, 1986	Neogene
329. <i>Hispanonesticus latopalpus</i> Wunderlich, 1986*	Ne Dominican amber
THERIDIIDAE Sundevall, 1833	?Cretaceous – Recent
= PHYCOIDAE Thorell, 1873	
= EPISINIDAE O. P.-Cambridge, 1879a	
= HADROTARSIDAE Thorell, 1881	
?Theridiidae gen. et sp. indet <i>in</i> McAlpine & Martin (1969)	K Canadian amber
Theridiidae gen. et sp. <i>in</i> Nishikawa (1974)	Qt Mizunami copal
<i>Achaearana</i> Strand, 1929	Neogene – Recent
330. <i>Achaearana extincta</i> Wunderlich, 1988	Ne Dominican amber
<i>Achaearana</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
<i>Argyrodes</i> Simon, 1864	Neogene – Recent
331. <i>Argyrodes (Ariamnes) copalis</i> Wunderlich, 2008b	Qt Colombian copal
332. <i>Argyrodes (Ariamnes) resina</i> Wunderlich, 2011f	Qt Madagascar copal

333. <i>Argyrodes (Rhomphaea) gibbifera</i> Wunderlich, 2004as	Qt	Madagascar copal
334. <i>Argyrodes parvipatellaris</i> Wunderlich, 1988	Ne	Dominican amber
<i>Argyrodes</i> sp. in Wunderlich (1988)	Ne	Dominican amber
† Balticoridion Wunderlich, 2008b	Palaeogene	
335. <i>Balticoridion dubium</i> Wunderlich, 2008b*	Pa	Baltic / Bitt. amber
† Balticpholcomma Wunderlich, 2008b	Palaeogene	
336. <i>Balticpholcomma scutatum</i> Wunderlich, 2008b*	Pa	Baltic amber
† Caudasinus Wunderlich, 2008b	Palaeogene	
337. <i>Caudasinus bispinosus</i> Wunderlich, 2008b	Pa	Baltic amber
338. <i>Caudasinus caudatus</i> Wunderlich, 2008b*	Pa	Baltic amber
339. <i>Caudasinus regeneratus</i> Wunderlich, 2008b	Pa	Baltic amber
<i>Caudasinus</i> sp. in Wunderlich (2008b)	Pa	Baltic amber
Chrosiothes Simon, 1894	Neogene – Recent	
340. <i>Chrosiothes biconigerus</i> Wunderlich, 1988	Ne	Dominican amber
341. <i>Chrosiothes curvispinosus</i> Wunderlich, 1988	Ne	Dominican amber
342. <i>Chrosiothes emulgatus</i> Wunderlich, 1988	Ne	Dominican amber
343. <i>Chrosiothes longispinosus</i> Wunderlich, 1988	Ne	Dominican amber
344. <i>Chrosiothes monoceros</i> Wunderlich, 1988	Ne	Dominican amber
345. <i>Chrosiothes tumulus</i> Wunderlich, 1988	Ne	Dominican amber
346. <i>Chrosiothes unicornis</i> Wunderlich, 1988	Ne	Dominican amber
Chryso O. P.-Cambridge, 1882a	Neogene – Recent	
347. <i>Chryso conspicua</i> Wunderlich, 1988	Ne	Dominican amber
348. <i>Chryso dubia</i> Wunderlich, 1988	Ne	Dominican amber
† Clavibertus Wunderlich, 2008b	Palaeogene	
349. <i>Clavibertus parvus</i> Wunderlich, 2008b	Pa	Baltic amber
350. <i>Clavibertus prominens</i> Wunderlich, 2008b*	Pa	Baltic amber
† Clya C. L. Koch & Berendt, 1854	Palaeogene	
351. <i>Clya abdita</i> Wunderlich, 2008b	Pa	Baltic amber
352. <i>Clya lugubris</i> C. L. Koch & Berendt, 1854*	Pa	Baltic / Rovno amber
353. <i>Clya calefacta</i> Wunderlich, 2008b	Pa	Baltic amber
354. <i>Clya gracilis</i> (Petrunkevitch, 1958)	Pa	Baltic amber
355. <i>Clya granulata</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
356. <i>Clya obscura</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
357. <i>Clya rotata</i> Wunderlich, 2008b	Pa	Baltic amber
358. <i>Clya supercalefacta</i> Wunderlich, 2008b	Pa	Baltic amber
359. <i>Clya superspiralis</i> Wunderlich, 2008b	Pa	Baltic amber
360. <i>Clya tricurvata</i> Wunderlich, 2008b	Pa	Baltic amber
† Cornutidion Wunderlich, 1988	Neogene	
361. <i>Cornutidion elongatum</i> Wunderlich, 1988*	Ne	Dominican amber
Craspedisia Simon, 1894	Neogene – Recent	
362. <i>Craspedisia yapchoontecki</i> Penney & Marusik in Penney <i>et al.</i>		

(2012b)	Ne Dominican amber
† Cymbiopholcomma Wunderlich, 2008b	Palaeogene
363. <i>Cymbiopholcomma dudum</i> Wunderlich, 2008b*	Pa Baltic amber
364. <i>Cymbiopholcomma spiculum</i> Wunderlich, 2008b	Pa Baltic amber
† Dipoenata Wunderlich, 1988	Neogene
365. <i>Dipoenata altiocolata</i> Wunderlich, 1988	Ne Dominican amber
366. <i>Dipoenata cala</i> Wunderlich, 1988	Ne Dominican amber
367. <i>Dipoenata clypeata</i> Wunderlich, 1988	Ne Dominican amber
368. <i>Dipoenata globulus</i> Wunderlich, 1988	Ne Dominican amber
369. <i>Dipoenata praedominicana</i> (Wunderlich, 1986)	Qt Dominican copal
370. <i>Dipoenata stipes</i> Wunderlich, 1988*	Ne Dominican amber
371. <i>Dipoenata yolandae</i> Wunderlich, 1988	Ne Dominican amber
<i>Dipoenata</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Eoasagena Wunderlich, 2008b	Palaeogene
372. <i>Eoasagena scutata</i> Wunderlich, 2008b*	Pa Baltic amber
† Eolyrifer Wunderlich, 2008b	Palaeogene
373. <i>Eolyrifer longitibialis</i> Wunderlich, 2008b*	Pa Baltic amber
† Eomysmena Petrunkevitch, 1942	Palaeogene – Neogene
= † <i>Antopia</i> Menge, 1854 [tentative synonymy]	
= † <i>Astodipoena</i> Petrunkevitch, 1958	
= † <i>Eodipoena</i> Petrunkevitch, 1942	
374. <i>Eomysmena asta</i> Petrunkevitch, 1971	Ne Chiapas amber
375. <i>Eomysmena aviceps</i> Wunderlich, 2008b	Pa Baltic amber
376. <i>Eomysmena calefacta</i> Wunderlich, 2008b	Pa Baltic amber
377. <i>Eomysmena crassa</i> (Petrunkevitch, 1958)	Pa Baltic amber
378. <i>Eomysmena baltica</i> Petrunkevitch, 1946	Pa Baltic amber
379. ' <i>Eomysmena</i> ' <i>bassleri</i> (Petrunkevitch, 1942)	Pa Baltic amber
380. ? <i>Eomysmena kaestneri</i> (Petrunkevitch, 1958)	Pa Baltic amber
381. <i>Eomysmena militaris</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
382. <i>Eomysmena moritura</i> Petrunkevitch, 1942*	Pa Baltic amber
i. = <i>Eomysmena consulta</i> (Petrunkevitch, 1958)	
[tentative synonymy]	Pa Baltic amber
383. <i>Eomysmena nielseni</i> (Petrunkevitch, 1958)	Pa Baltic amber
384. <i>Eomysmena oculata</i> (Petrunkevitch, 1942)	Pa Baltic amber
385. <i>Eomysmena punctulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
386. <i>Eomysmena recta</i> Wunderlich, 2008b	Pa Baltic amber
387. <i>Eomysmena tenera</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
<i>Eomysmena</i> spp. in Wunderlich 2008b	Pa Baltic / Bitt. Amber
† Eoteutana Wunderlich, 2008b	Palaeogene
388. <i>Eoteutana hirsuta</i> Wunderlich, 2008b*	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 synonymy]

389. *Episinus anapidaeque* Wunderlich, 2008b Pa Baltic amber
390. *Episinus antecognatus* Wunderlich, 1986 Qt Dominican copal
391. *Episinus appendix* Wunderlich, 2008b Pa Baltic amber
392. *Episinus arrodens* Wunderlich, 2008b Pa Baltic amber
393. *Episinus balticus* Marusik & Penney, 2004 Pa Baltic / Bitt. amber
394. *Episinus brevipalpus* Wunderlich, 1988 Ne Dominican amber
395. *Episinus bulla* Wunderlich, 2008b Pa Baltic amber
396. *Episinus chiapasanus* (Petrunkevitch, 1971) Ne Chiapas amber
397. *Episinus clunus* Wunderlich, 2008b Pa Baltic amber
398. *Episinus cochlear* Wunderlich, 2008b Pa Baltic amber
399. *Episinus cornutus* Wunderlich, 1988 Ne Dominican amber
400. *Episinus cymbialis* Wunderlich, 2008b Pa Baltic amber
401. *Episinus dimidius* Wunderlich, 2008b Pa Baltic amber
402. *Episinus eskovi* Marusik & Penney, 2004 Pa Baltic amber
403. *Episinus isopteraque* Wunderlich, 2008b Pa Baltic amber
404. *Episinus latus* Wunderlich, 2008b Pa Baltic amber
405. *Episinus longimanus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 i. = *Malleator niger* Petrunkevitch, 1942 Pa Baltic amber
406. *Episinus longisoma* Wunderlich, 2008b Pa Baltic amber
407. *Episinus minutus* (Petrunkevitch, 1958) Pa Baltic amber
408. *Episinus mordellidaeque* Wunderlich, 2008b Pa Baltic amber
409. *Episinus musculus* Wunderlich, 2008b Pa Baltic amber
410. *Episinus mutilus* (Petrunkevitch, 1958) Pa Baltic amber
411. *Episinus nausticymbium* Wunderlich, 2008b Pa Baltic amber
412. *Episinus neglectus* (Petrunkevitch, 1942) Pa Baltic amber
413. *Episinus penneyi* Garcia-Villafuerte, 2006a Ne Chiapas amber
414. *Episinus praecognatus* Wunderlich, 1982 Ne Dominican amber
415. *Episinus pulcher* (Petrunkevitch, 1942) Pa Baltic amber
416. *Episinus regalis* (Petrunkevitch, 1958) Pa Baltic amber
417. *Episinus stridulus* (Petrunkevitch, 1958) Pa Baltic amber
418. *Episinus tibiaseta* Wunderlich, 2011g Ne Dominican amber
419. *Episinus transversus* Wunderlich, 2008b Pa Baltic amber
420. *Episinus tuberosus* Wunderlich, 1988 Ne Dominican amber
 Episinus spp. in Wunderlich (2008b) Pa Baltic amber
- Euryopsis Menge, 1868** **Palaeogene – Recent**
421. ?*Euryopsis araneoides* Wunderlich, 2008b Pa Baltic amber
422. *Euryopsis bitterfeldensis* Wunderlich, 2008b Pa Baltic / Bitt. amber

423. <i>Euryopis nexus</i> Wunderlich, 2008b	Pa Baltic amber
424. <i>Euryopis streyi</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
<i>Euryopis/Emertonella</i> complex in Penney <i>et al.</i> (2012c).....	Qt Colombian copal
† Euryopus Menge in C. L. Koch & Berendt, 1854	Palaeogene
425. <i>Euryopus gracilipes</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
Faiditus Keyserling, 1884	Neogene – Recent
426. <i>Faiditus crassipatellaris</i> (Wunderlich, 1988)	Ne Dominican amber
† Femurraptor Wunderlich, 2011g	Neogene
427. <i>Femurraptor dominicanus</i> Wunderlich, 2011g*	Ne Dominican amber
† Globulidion Wunderlich, 2008b	Palaeogene
428. <i>Globulidion cochlea</i> Wunderlich, 2008b*	Pa Baltic amber
† Hirsutipalpus Wunderlich, 2008b	Palaeogene
429. <i>Hirsutipalpus varipes</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
† Kochiuridion Wunderlich, 2008b	Palaeogene
430. <i>Kochiuridion scutatum</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
Lasaeola Simon, 1881	Palaeogene – Recent
= † <i>Nactodipoena</i> Petrunkevitch, 1942 [a subgenus in Wunderlich (2008b)]	
431. <i>Lasaeola acumen</i> Wunderlich, 2008b	Pa Baltic amber
432. <i>Lasaeola baltica</i> (Marusik & Penney, 2004)	Pa Baltic amber
433. <i>Lasaeola bitterfeldensis</i> Wunderlich, 2008b	Pa Bitterfeld amber
434. <i>Lasaeola communis</i> Wunderlich, 2008b	Pa Baltic amber
435. <i>Lasaeola (Nactodipoena) dunbari</i> (Petrunkevitch, 1942)	Pa Baltic amber
436. ? <i>Lasaeola furca</i> Wunderlich, 2008b	Pa Baltic amber
437. <i>Lasaeola germanica</i> (Petrunkevitch, 1958)	Pa Baltic amber
438. <i>Lasaeola (Phycosoma) inclinata</i> Wunderlich, 2012a	Qt Madagascan copal
439. <i>Lasaeola infulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitt. Amber
440. <i>Lasaeola larvaque</i> Wunderlich, 2008b	Pa Baltic amber
441. <i>Lasaeola latusulci</i> Wunderlich, 2008b	Pa Baltic amber
442. <i>Lasaeola pristina</i> (Wunderlich, 1986)	Ne Dominican amber
443. <i>Lasaeola puta</i> Wunderlich, 1988	Ne Dominican amber
444. <i>Lasaeola sexsaetosa</i> Wunderlich, 2008b	Pa Baltic amber
445. ? <i>Lasaeola sigillata</i> Wunderlich, 2008b	Pa Bitterfeld amber
446. <i>Lasaeola vicina</i> (Wunderlich, 1982)	Ne Dominican amber
447. <i>Lasaeola vicinoides</i> Wunderlich, 1988	Ne Dominican amber
<i>Lasaeola</i> sp. in Wunderlich (1988)	Ne Dominican amber
<i>Lasaeola</i> spp. in Wunderlich (2008b)	Pa Baltic / Bitt. amber
† Medela Petrunkevitch, 1942 [?Theridiidae, cf. Wunderlich (2008b)].....	Palaeogene
448. <i>Medela baltica</i> Petrunkevitch, 1942*	Pa Baltic amber
† Mimetidion Wunderlich, 2008b	Palaeogene
449. <i>Mimetidion furca</i> Wunderlich, 2008b*	Pa Baltic amber
† Nanomysmena Petrunkevitch, 1958	Palaeogene

450. <i>Nanomysmena aculeata</i> Petrunkevitch, 1958	Pa Baltic amber
451. <i>Nanomysmena munita</i> Petrunkevitch, 1958	Pa Baltic amber
452. <i>Nanomysmena palanga</i> Marusik & Penney, 2004	Pa Baltic amber
453. <i>Nanomysmena petrunkevitchi</i> Marusik & Penney, 2004	Pa Baltic amber
454. <i>Nanomysmena pseudogracilis</i> Marusik & Penney, 2004	Pa Baltic amber
† Nanosteatoda Wunderlich, 2008b	Palaeogene
455. <i>Nanosteatoda breviscutum</i> Wunderlich, 2008b	Pa Baltic amber
456. <i>Nanosteatoda trisetae</i> Wunderlich, 2008b	Pa Baltic amber
† Obscuropholcomma Wunderlich, 2008b	Palaeogene
457. <i>Obscuropholcomma</i> sp. in Wunderlich (2012b)	Pa Rovno amber
458. <i>Obscuropholcomma tegens</i> Wunderlich, 2008b*	Pa Baltic amber
Phoroncidia Westwood, 1835	Quaternary – Recent
459. <i>Phoroncidia ?aculeata</i> Westwood, 1835 [Recent]	Qt Madagascan copal
Platnickina Koçak & Kemal, 2008	Quaternary – Recent
460. <i>Platnickina duosetae</i> Wunderlich, 2012a	Qt Madagascan copal
† Praetereuryopsis Wunderlich, 2008b	Palaeogene
461. <i>Praetereuryopsis phoroncidoides</i> Wunderlich, 2008b*	Pa Baltic amber
† Pronepos Petrunkevitch, 1963	Neogene
462. <i>Pronepos exilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
463. <i>Pronepos fossilis</i> Petrunkevitch, 1963	Ne Chiapas amber
† Protosteatoda Wunderlich, 2008b	Palaeogene
464. <i>Protosteatoda gutta</i> Wunderlich, 2008b	Pa Baltic amber
† Pseudoteutana Wunderlich, 2008b	Palaeogene
465. <i>Pseudoteutana stigmata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Eomysmena stridens</i> Petrunkevitch, 1958.....	Pa Baltic amber
ii. = <i>Flegia succini</i> Petrunkevitch, 1942	Pa Baltic amber
† Rugapholcomma Wunderlich, 2008b	Palaeogene
466. <i>Rugapholcomma patellaris</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinisinus Wunderlich, 2008b	Palaeogene
467. <i>Spinisinus parvioculi</i> Wunderlich, 2008b	Pa Baltic amber
468. <i>Spinisinus splendidus</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinitharinus Wunderlich, 2008b	Palaeogene
469. <i>Spinitharinus bulbosus</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
470. <i>Spinitharinus cheliceratus</i> Wunderlich, 2008b	Pa Baltic / Bitt. amber
471. <i>Spinitharinus coniectens</i> Wunderlich, 2008b	Pa Baltic amber
472. <i>Spinitharinus curvatus</i> Wunderlich, 2008b	Pa Baltic amber
473. <i>Spinitharinus cymbioseta</i> Wunderlich, 2008b	Pa Baltic amber
<i>Spinitharinus</i> spp. in Wunderlich (2008b)	Pa Baltic amber
Spintharus Hentz, 1850	Neogene – Recent
474. <i>Spintharus longisoma</i> Wunderlich, 1988	Ne Dominican amber
Steatoda Sundevall, 1833	?Palaeogene – Recent

475. ' <i>Steatoda</i> ' <i>anticus</i> (Berland, 1939)	Pa Baltic amber
Stemmops O. P.-Cambridge, 1894	Neogene – Recent
476. <i>Stemmops incertus</i> Wunderlich, 1988	Ne Dominican amber
477. <i>Stemmops prominens</i> Wunderlich, 1988	Ne Dominican amber
Styposis Simon, 1894	Neogene – Recent
478. <i>Styposis pholcoides</i> Wunderlich, 1988	Ne Dominican amber
† Succinobertus Wunderlich, 2008b	Palaeogene
479. <i>Succinobertus adjacens</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
† Succinura Wunderlich, 2008b	Palaeogene
480. <i>Succinura aciesaeta</i> Wunderlich, 2008b	Pa Baltic amber
481. <i>Succinura bellavista</i> Wunderlich, 2008b*	Pa Baltic amber
482. <i>Succinura circuita</i> Wunderlich, 2008b	Pa Baltic amber
483. <i>Succinura dubia</i> Wunderlich, 2008b	Pa Baltic amber
484. <i>Succinura fuscioruber</i> Wunderlich, 2008b	Pa Baltic amber
485. <i>Succinura ovalis</i> Wunderlich, 2008b	Pa Baltic amber
<i>Succinura</i> sp. in Wunderlich (2008b)	Pa Baltic amber
Theridion Walckenaer, 1805	?Cretaceous – Recent
486. ' <i>Theridion</i> ' <i>alutaceum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
487. <i>Theridion annulipes</i> Heer, 1865	Ne Öhningen
488. <i>Theridion atalus</i> Chang, 2004 [both generic and familial assignment unreliable!]	K Jehol Biota
489. ' <i>Theridion</i> ' <i>berendti</i> Marusik & Penney, 2004	Pa Baltic amber
i. = <i>Theridion globosa</i> C. L. Koch & Berendt, 1854 [preoccupied]	
490. <i>Theridion bucklandi</i> Thorell, 1870a	Pa Aix-en-Provence
491. <i>Theridion contrarium</i> Wunderlich, 1988	Ne Dominican amber
492. <i>Theridion crassipalpus</i> Berland, 1939	Pa Aix-en-Provence
493. ' <i>Theridion</i> ' <i>detersum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
494. <i>Theridion erectoides</i> Wunderlich, 1988	Ne Dominican amber
495. <i>Theridion erectum</i> Wunderlich, 1988	Ne Dominican amber
496. ' <i>Theridion</i> ' <i>globosus</i> (Presl, 1822)	Pa Baltic amber
497. <i>Theridion globulus</i> Heer, 1865	Ne Öhningen
498. ' <i>Theridion</i> ' <i>hirtum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
499. <i>Theridion inversum</i> Wunderlich, 1988	Ne Dominican amber
500. <i>Theridion maculipes</i> Heer, 1865	Ne Öhningen
501. ' <i>Theridion</i> ' <i>oblongum</i> (Presl, 1822)	Pa Baltic amber
502. ' <i>Theridion</i> ' <i>ovale</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
503. ' <i>Theridion</i> ' <i>ovatum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
504. ' <i>Theridion</i> ' <i>simplex</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
505. <i>Theridion variosoma</i> Wunderlich, 1988	Ne Dominican amber
506. <i>Theridion wunderlichi</i> Penney, 2001	Ne Dominican amber
i. = <i>Theridion ovale</i> Wunderlich, 1988 [preoccupied]	

† Thyelia C. L. Koch & Berendt, 1854	Palaeogene
507. <i>Thyelia anomala</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
508. <i>Thyelia convexa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
509. <i>Thyelia fossula</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
510. <i>Thyelia marginata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
511. <i>Thyelia pallida</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
512. <i>Thyelia scotina</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
513. <i>Thyelia tristis</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
514. <i>Thyelia villosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
Ulesanis L. Koch, 1872	Palaeogene – Recent
515. <i>Ulesanis antecessor</i> Wunderlich, 2008 <i>b</i>	Pa Baltic Amber
516. <i>Ulesanis frontprocera</i> Wunderlich, 2008 <i>b</i>	Pa Baltic Amber
517. <i>Ulesanis longicymbium</i> Wunderlich, 2008 <i>b</i>	Pa Baltic Amber
518. <i>Ulesanis ovalis</i> Wunderlich, 2008 <i>b</i>	Pa Baltic / Bitt. amber
519. <i>Ulesanis parva</i> Wunderlich, 2008 <i>b</i>	Pa Baltic / Bitt. amber
† Unispinatoda Wunderlich, 2008<i>b</i>	Palaeogene
520. <i>Unispinatoda aculeata</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic / Bitt. Amber
† Vicipholcomma Wunderlich, 2008<i>b</i>	Palaeogene
521. <i>Vicipholcomma spiralis</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic Amber
Theridiidae incertae sedis	
522. ‘ <i>Eomysmena</i> ’ <i>succini</i> (Petrunkevitch, 1942)	Pa Baltic amber
523. ‘ <i>Anelosimus</i> ’ <i>clypeatus</i> Wunderlich, 1988	Ne Dominican amber
THERIDIOSOMATIDAE Simon, 1881	
Theridiosomatidae gen. et sp. indet <i>in</i> Wunderlich (2004 <i>i</i>)	Pa Baltic amber
Theridiosomatidae gen. et sp. indet <i>in</i> Wunderlich (2011 <i>f</i>)	Qt Madagascar copal
† Eocoddingtonia Selden, 2010	Cretaceous
524. <i>Eocoddingtonia eskovi</i> Selden, 2010*	K Baissa, Transbaikalia
† Eoepeirotypus Wunderlich, 2004<i>j</i>	Palaeogene
525. <i>Eoepeirotypus retrobulbus</i> Wunderlich, 2004 <i>j</i> *	Pa Baltic amber
<i>Eoepeirotypus</i> sp. <i>in</i> Wunderlich (2004)	Pa Bitterfeld amber
† Eotheridiosoma Wunderlich, 2004<i>j</i>	Palaeogene
526. ? <i>Eotheridiosoma hamatum</i> Wunderlich, 2011 <i>e</i>	Pa Baltic amber
527. <i>Eotheridiosoma tuber</i> Wunderlich, 2004 <i>j</i> *	Pa Bitterfeld amber
528. <i>Eotheridiosoma volutum</i> Wunderlich, 2004 <i>j</i>	Pa Bitterfeld amber
† Hypotheridiosoma Wunderlich, 2012<i>d</i>	Cretaceous
529. <i>Hypotheridiosoma paracymbium</i> Wunderlich, 2012 <i>d</i> *	K Myanmar amber
† Leviunguis Wunderlich, 2012<i>d</i>	Cretaceous
530. <i>Leviunguis bruckschi</i> Wunderlich, 2012 <i>d</i> *	K Myanmar amber
† Palaeoepeirotypus Wunderlich, 1988	Neogene
531. <i>Palaeoepeirotypus iuvenis</i> Wunderlich, 1988*	Ne Dominican amber

532. *Palaeopeirotypus iuvenoides* Wunderlich, 1988 Ne Dominican amber
- † ***Spinitheridiosoma* Wunderlich, 2004j** **Palaeogene**
- NB: type species designated from the wrong genus!
533. *Spinitheridiosoma balticum* Wunderlich, 2004j Pa Baltic amber
534. *Spinitheridiosoma bispinosum* Wunderlich, 2004j Pa Bitterfeld amber
535. *Spinitheridiosoma rima* Wunderlich, 2004j Pa Baltic amber
- Theridiosoma* O. P.-Cambridge, 1879b** **Neogene – Recent**
536. *Theridiosoma incompletum* Wunderlich, 1988 Ne Dominican amber
- † ***Umerosoma* Wunderlich, 2004j** **Palaeogene**
537. *Umerosoma multispina* Wunderlich, 2004j* Pa Baltic amber
- SYMPHYTOGNATHIDAE Hickman, 1931** **Recent**
- no fossil record
- ANAPIDAE Simon, 1895** **Palaeogene – Recent**
- = **TEXTRICELLIDAE Hickman, 1945**
- † ***Balticonopsis* Wunderlich, 2004k** **Palaeogene**
538. *Balticonopsis bispina* Wunderlich, 2004k Pa Baltic amber
539. *Balticonopsis bitterfeldensis* Wunderlich, 2004k Pa Bitterfeld amber
540. *Balticonopsis bulbosa* Wunderlich, 2004k Pa Baltic amber
541. *Balticonopsis ceranowiczae* Wunderlich, 2004k Pa Baltic amber
542. *Balticonopsis holti* Wunderlich, 2004k* Pa Baltic amber
543. *Balticonopsis perkovskyi* Wunderlich, 2004ar Pa Rovno amber
544. *Balticonopsis thomasi* Wunderlich, 2004k Pa Baltic amber
- Balticonopsis* sp. in Wunderlich (2004k) Pa Baltic amber
- † ***Dubianapis* Wunderlich, 2004k** **Palaeogene**
545. *Dubianapis obscura* Wunderlich, 2004k* Pa Baltic amber
- † ***Flagellanapis* Wunderlich, 2004k** **Palaeogene**
546. *Flagellanapis voigti* Wunderlich, 2004k* Pa Baltic/Bitt. Amber
- † ***Fossilanapis* Wunderlich, 2004k** **Palaeogene**
547. *Fossilanapis anderseri* Wunderlich, 2004k Pa Baltic amber
548. *Fossilanapis baetcheri* Wunderlich, 2004k* Pa Baltic amber
549. *Fossilanapis eichmanni* Wunderlich, 2004k Pa Baltic amber
550. *Fossilanapis flexiotarsus* Wunderlich, 2004k Pa Baltic amber
551. *Fossilanapis multispinae* Wunderlich, 2011h Pa Baltic amber
552. *Fossilanapis saltans* Wunderlich, 2004k Pa Baltic amber
553. *Fossilanapis unispinum* Wunderlich, 2004k Pa Baltic amber
- Fossilanapis* sp. in Wunderlich (2004k) Pa Bitterfeld amber
- Fossilanapis* sp. in Wunderlich (2011h) Pa Baltic amber
- † ***Palaeoanapis* Wunderlich, 1988** **Neogene**
554. *Palaeoanapis nana* Wunderlich, 1988* Ne Dominican amber
- † ***Ruganapis* Wunderlich, 2004k** **Palaeogene**

555. *Ruganapis scutata* Wunderlich, 2004k* Pa Baltic amber
- † **Saxonanapis Wunderlich, 2004k** **Palaeogene**
556. *Saxonanapis grabenhorsti* Wunderlich, 2004k* Pa Baltic/Bitt. Amber
- † **Tuberanapis Wunderlich, 2004k** **Palaeogene**
557. *Tuberanapis parvibulbus* Wunderlich, 2004k* Pa Baltic amber
- COMAROMIDAE Wunderlich, 2004** [stat. nov. 2011] **Palaeogene – Recent**
- † **Balticoroma Wunderlich, 2004k** **Palaeogene**
- = † *Balticorma* [sic] Weitschat & Wichard, 2002 [*nomen nudum*]
558. *Balticoroma damzeni* Wunderlich, 2011h Pa Baltic amber
559. *Balticoroma ernstorum* Wunderlich, 2004k Pa Baltic/Bitt. amber
560. *Balticoroma gracilipes* Wunderlich 2004k Pa Baltic/Bitt. amber
561. *Balticoroma reschi* Wunderlich, 2004k* Pa Baltic amber
562. *Balticoroma serafinorum* Wunderlich, 2004k Pa Baltic/Bitt. amber
563. *Balticoroma tibialis* Wunderlich, 2004k Pa Baltic amber
564. *Balticoroma wheateri* Penney & Marusik, 2011 in Penney *et al.* Pa Baltic amber
- MYSMENIDAE Petrunkevitch, 1928** **Palaeogene – Recent**
- Mysmeninae sp. *in* Wunderlich (2004ar) Pa Rovno amber
- † **Dominicanopsis Wunderlich, 2004k** **Neogene**
565. *Dominicanopsis grimaldii* Wunderlich, 2004k* Ne Dominican amber
- † **Eomysmenopsis Wunderlich, 2004k** **Palaeogene**
566. *Eomysmenopsis spinipes* Wunderlich, 2004k* Pa Baltic / Bitt. Amber
- Mysmena Simon, 1894** **Palaeogene – Recent**
- Mysmena* (s. l.) sp. indet *in* Wunderlich (2012a) Qt Madagascan copal
567. *Mysmena* (s.l.) *copalis* Wunderlich, 2011f Qt Madagascan copal
568. *Mysmena curvata* Wunderlich, 2011h Pa Baltic amber
569. *Mysmena dominicana* Wunderlich, 1998 Qt Madagascan copal
570. *Mysmena fossilis* Petrunkevitch, 1971 Ne Chiapas amber
571. *Mysmena groehni* Wunderlich, 2004k Pa Baltic / Bitt. amber
572. *Mysmena grotae* Wunderlich, 2004k Pa Baltic amber
- Mysmenopsis Simon, 1897b** **Neogene – Recent**
573. *Mysmenopsis lissycolleyae* Penney, 2000 Ne Dominican amber
- † **Palaeomysmena Wunderlich, 2004k** **Palaeogene**
574. *Palaeomysmena hoffeinsorum* Wunderlich, 2004k* Pa Baltic amber
- † **BALTSUCCINIDAE Wunderlich, 2004l** **Palaeogene**
- † **Baltsuccinus Wunderlich, 2004l** **Palaeogene**
575. *Baltsuccinus flagellaceus* Wunderlich, 2004l* Pa Baltic amber
576. *Baltsuccinus similis* Wunderlich, 2004l Pa Baltic amber
- † **PROTHERIDIIDAE Wunderlich, 2004l** **Cretaceous – Palaeo.**

† Protheridion Wunderlich, 2004l	Palaeogene
577. <i>Protheridion bitterfeldensis</i> Wunderlich, 2004l	Pa Bitterfeld amber
578. <i>Protheridion detritus</i> Wunderlich, 2004l	Pa Baltic amber
579. <i>Protheridion obscurum</i> Wunderlich, 2004l	Pa Baltic amber
580. <i>Protheridion punctatum</i> Wunderlich, 2004l	Pa Baltic amber
581. <i>Protheridion tibialis</i> Wunderlich, 2004l*	Pa Baltic amber
† Zarqaraneus Wunderlich, 2008d	Cretaceous
582. <i>Zarqaraneus hudaе</i> Wunderlich, 2008d*	K Jordanian amber
† PRAETHERIDIIDAE Wunderlich, 2004l (n. stat. 2012)	Palaeogene
† Praetheridion Wunderlich, 2004l	Palaeogene
583. <i>Praetheridion fleissneri</i> Wunderlich, 2004l*	Pa Baltic amber
SYNAPHRIDAE Wunderlich, 1986	Palaeogene – Recent
† lardinidis Wunderlich 2004k	Palaeogene
584. <i>lardinidis brevipes</i> Wunderlich, 2004k*	Pa Baltic amber
PIMOIDAE Wunderlich, 1986	Palaeogene – Recent
Pimoa Chamberlin & Ivie, 1943	Palaeogene – Recent
585. <i>Pimoa expandens</i> Wunderlich, 2004r	Pa Baltic amber
586. <i>Pimoa (Eopimoa) hormigai</i> Wunderlich, 2004r	Pa Baltic amber
587. <i>Pimoa inopinata</i> Wunderlich, 2004r	Pa Baltic amber
588. <i>Pimoa liedtkei</i> Wunderlich, 2004r	Pa Baltic amber
589. <i>Pimoa lingua</i> Wunderlich, 2004r	Pa Baltic amber
590. <i>Pimoa (Eopimoa) longiscapus</i> Wunderlich, 2008a	Pa Baltic amber
591. <i>Pimoa multicuspuli</i> Wunderlich, 2004r	Pa Baltic amber
592. <i>Pimoa (Eopimoa) obruens</i> Wunderlich, 2008a	Pa Baltic amber
<i>Pimoa</i> sp. in Wunderlich (2004r)	Pa Baltic amber
<i>Pimoa (Eopimoa)</i> sp. in Wunderlich (2008a)	Pa Baltic amber
PUMILIOPIDAE Wunderlich, 2008a	Palaeogene – Recent
† Pumiliopimoa Wunderlich, 2008a	Palaeogene
593. <i>Pumiliopimoa parma</i> Wunderlich, 2008a*	Pa Baltic amber
SINOPIMOIDAE Li & Wunderlich, 2008	Recent
no fossil record	
LINYPHIIDAE Blackwall, 1859	Cretaceous – Recent
= MICRYPHANTIDAE Bertkau, 1878a	
= ERIGONIDAE Simon, 1884c	
?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 <i>in</i> Schmidt <i>et al.</i> (2010)	K	Ethiopian amber
Linyphiinae gen. et sp. indet <i>in</i> Penney & Selden (2002)	K	Lebanese amber
[NB: Wunderlich (2012 <i>d</i>) questioned the veracity of these Cretaceous linyphiids.]		
† Agynetiphantes Wunderlich, 2004s	Palaeogene	
594. <i>Agynetiphantes gibbiferus</i> Wunderlich, 2004s*	Pa	Baltic amber
Ceratinopsis Emerton, 1882	Quaternary – Recent	
595. <i>Ceratinopsis deformans</i> (Wunderlich, 1998)	Qt	Madagascan copal
Cnephalocotes Simon, 1884c	Quaternary – Recent	
596. <i>Cnephalocotes obscurus</i> (Blackwall, 1834 <i>b</i>) [Recent]	Qt	England
† Custodela Petrunkevitch, 1942	Palaeogene	
= † <i>Obnisis</i> Petrunkevitch, 1942 [tentative synonymy]		
597. <i>Custodela acuta</i> Wunderlich, 2004s	Pa	Baltic amber
598. <i>Custodela acutula</i> Wunderlich, 2004s	Pa	Bitterfeld amber
599. <i>Custodela bispina</i> Wunderlich, 2004s	Pa	Bitterfeld amber
600. <i>Custodela bispinosa</i> Wunderlich, 2004s	Pa	Bitterfeld amber
601. <i>Custodela cheiracantha</i> (C. L. Koch & Berendt, 1854)*	Pa	Baltic amber
602. <i>Custodela clava</i> Wunderlich, 2004s	Pa	Baltic amber
603. <i>Custodela curva</i> Wunderlich, 2004s	Pa	Baltic amber
604. <i>Custodela curvata</i> Wunderlich, 2004s	Pa	Bitterfeld amber
605. <i>Custodela divergens</i> Wunderlich, 2004s	Pa	Baltic amber
606. <i>Custodela expandens</i> Wunderlich, 2004s	Pa	Baltic amber
607. <i>Custodela falcata</i> Wunderlich, 2004s	Pa	Baltic amber
608. <i>Custodela femurspinosa</i> Wunderlich, 2004s	Pa	Bitterfeld amber
609. <i>Custodela henningseni</i> Wunderlich, 2004s	Pa	Baltic amber
610. <i>Custodela kochi</i> Wunderlich, 2004s	Pa	Baltic amber
611. <i>Custodela lamellata</i> (Wunderlich, 1988)	Pa	Baltic amber
612. <i>Custodela lanx</i> Wunderlich, 2004s	Pa	Baltic amber
613. <i>Custodela oblonga</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
614. <i>Custodela obtusa</i> Wunderlich, 2004s	Pa	Baltic amber
615. ? <i>Custodela parva</i> Wunderlich, 2004s	Pa	Bitterfeld amber
616. <i>Custodela pseudokochi</i> Wunderlich, 2004s	Pa	Baltic amber
617. <i>Custodela stridulans</i> Wunderlich, 2004s	Pa	Bitterfeld amber
618. <i>Custodela tenuipes</i> (Petrunkevitch, 1942)	Pa	Baltic amber
619. <i>Custodela tibialis</i> Wunderlich, 2004s	Pa	Baltic amber
<i>Custodela</i> sp. <i>in</i> Wunderlich (2004s)	Pa	Bitterfeld amber
† Custodelela Wunderlich, 2004s	Palaeogene	
620. <i>Custodelela hamata</i> Wunderlich, 2004s*	Pa	Bitterfeld amber
† Eolabulla Wunderlich, 2004s	Palaeogene	
621. <i>Eolabulla falcata</i> Wunderlich, 2004s	Pa	Baltic amber
622. <i>Eolabulla gladiformis</i> Wunderlich, 2004s	Pa	Baltic amber
623. <i>Eolabulla laminata</i> Wunderlich, 2004s*	Pa	Baltic amber

624.	<i>Eolabulla perforata</i> Wunderlich, 2004s	Pa	Baltic amber
625.	<i>Eolabulla sagitta</i> Wunderlich, 2004s	Pa	Baltic amber
626.	<i>Eolabulla similis</i> Wunderlich, 2004s	Pa	Baltic amber
	<i>Eolabulla</i> sp. 1–2 in Wunderlich (2004s)	Pa	Baltic amber
†	Eophantes Wunderlich, 2004s		Palaeogene
627.	<i>Eophantes complicatus</i> Wunderlich, 2004s*	Pa	Baltic amber
628.	? <i>Eophantes seorsum</i> Wunderlich, 2012c	Pa	Baltic amber
	Erigone Audouin, 1826		Neogene – Recent
	<i>Erigone</i> sp. in Hopkins <i>et al.</i> (1976)	Qt	Alaska
629.	<i>Erigone atra</i> Blackwall, 1833 [Recent]	Qt	England
630.	? <i>Erigone dechenii</i> Bertkau, 1878b	Ne	Rott, Germany
	Floricomus Crosby & Bishop, 1925		Neogene – Recent
631.	<i>Floricomus fossilis</i> Penney, 2005c	Ne	Dominican amber
	Gonatium Menge, 1868		Quaternary – Recent
632.	<i>Gonatium rubens</i> (Blackwall, 1833) [Recent]	Qt	England
	Hypselistes Simon, 1894		Quaternary – Recent
633.	<i>Hypselistes jacksoni</i> (O. P.-Cambridge, 1902) [Recent]	Qt	England
	Linyphia Latreille, 1804a		Palaeogene – Recent
634.	<i>Linyphia andraei</i> Bertkau, 1878b	Ne	Rott, Germany
635.	<i>Linyphia byrami</i> Cockerell, 1925	Pa	Green River
636.	<i>Linyphia florissantii</i> Petrunkevitch, 1922	Pa	Florissant
637.	<i>Linyphia pachygnathoides</i> Petrunkevitch, 1922	Pa	Florissant
638.	<i>Linyphia quievreuxi</i> Berland, 1939	Pa	Aix-en-Provence
639.	<i>Linyphia retensa</i> Scudder, 1890a	Pa	Florissant
640.	<i>Linyphia rottensis</i> Bertkau, 1878b	Ne	Rott, Germany
641.	<i>Linyphia seclusa</i> (Scudder, 1890a)	Pa	Florissant
†	Madagascaphantes Wunderlich, 2012a		Quaternary
642.	<i>Madagascaphantes vomerans</i> Wunderlich, 2012a*	Qt	Madagascan copal
†	Malepellis Petrunkevitch, 1971		Neogene
643.	<i>Malepellis extincta</i> Petrunkevitch, 1971*	Ne	Chiapas amber
	Meioneta Hull, 1920		Neogene – Recent
644.	<i>Meioneta bigibber</i> (Wunderlich, 1988)	Ne	Dominican amber
645.	<i>Meioneta fastigata</i> (Wunderlich, 1988)	Ne	Dominican amber
646.	<i>Meioneta separata</i> (Wunderlich, 1988)	Ne	Dominican amber
	<i>Meioneta</i> sp. in Wunderlich (1988)	Ne	Dominican amber
	Micryphantes C. L. Koch, 1833		Palaeogene
647.	<i>Micryphantes molybdinus</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
648.	<i>Micryphantes regularis</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
†	Mystagogus Petrunkevitch, 1942 ...[Wunderlich suggests possibly in Cyatholipidae]		Palaeogene
649.	<i>Mystagogus dubius</i> Petrunkevitch, 1958	Pa	Baltic amber
650.	<i>Mystagogus glaber</i> Petrunkevitch, 1942*	Pa	Baltic amber

† Paralabulla Wunderlich, 2004s	Palaeogene
651. <i>Paralabulla bitterfeldensis</i> Wunderlich, 2004s*	Pa Bitterfeld amber
652. ? <i>Paralabulla dubia</i> Wunderlich, 2004s	Pa Baltic amber
653. <i>Paralabulla succinifera</i> Wunderlich, 2004s	Pa Baltic amber
<i>Paralabulla</i> sp. in Wunderlich (2004s, 2012c)	Pa Bitterfeld amber
Pocadicnemis Simon, 1884c	Quaternary – Recent
654. <i>Pocadicnemis pumila</i> (Blackwall, 1841) [Recent]	Qt England
Savignia Blackwall, 1833	Quaternary – Recent
655. <i>Savignia frontata</i> Blackwall, 1833 [Recent]	Qt England
Selenyphantes Gertsch & Davis, 1946	Neogene – Recent
= † <i>Palaeolinyphia</i> Wunderlich, 1986	
656. <i>Selenyphantes flagellifera</i> (Wunderlich, 1986)	Ne Dominican amber
† Succineta Wunderlich, 2004s	Palaeogene
657. <i>Succineta brevispina</i> Wunderlich, 2004s	Pa Baltic amber
658. <i>Succineta discoidalis</i> Wunderlich, 2004s*	Pa Baltic amber
<i>Succineta</i> sp. in Wunderlich (2004s)	Pa Baltic amber
† Succiphantes Wunderlich, 2004s	Palaeogene
659. <i>Succiphantes tanasevitchi</i> Wunderlich, 2004s	Pa Baltic amber
660. <i>Succiphantes velteni</i> Wunderlich, 2004s*	Pa Baltic amber
Toschia Caporiacco, 1949	Quaternary – Recent
661. ? <i>Toschia fossilis</i> Wunderlich, 2004as	Qt Madagascan copal
TETRAGNATHIDAE Menge, 1866	Cretaceous – Recent
= PACHYGNATHIDAE Menge, 1866	
= METIDAE Simon, 1894	
= NANOMETIDAE Forster & Forster, 1999	
† Anameta Wunderlich, 2004h	Palaeogene
662. <i>Anameta distenda</i> Wunderlich, 2004h*	Pa Bitterfeld amber
663. <i>Anameta kuntneri</i> Wunderlich, 2008a	Pa Baltic amber
Azilia Keyserling, 1882	Neogene – Recent
664. <i>Azilia hispaniolensis</i> Wunderlich, 1988	Ne Dominican amber
i. = <i>Azilia muellenmeisteri</i> Wunderlich, 1988	Ne Dominican amber
<i>Azilia</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Balticgnatha Wunderlich, 2011h	Palaeogene
665. <i>Balticgnatha projectens</i> Wunderlich 2011h*	Pa Baltic amber
† Baltleucauge Wunderlich, 2008a	Palaeogene
666. <i>Baltleucauge gillesspiae</i> Wunderlich 2008a*	Pa Baltic amber
667. <i>Baltleucauge propinqua</i> Wunderlich, 2012c	Pa Baltic amber
† Corneometa Wunderlich, 2004h	Palaeogene
668. <i>Corneometa baltica</i> Wunderlich 2004h*	Pa Baltic amber
669. <i>Corneometa pilosipes</i> Wunderlich 2004h	Pa Baltic amber
Cyrtognatha Keyserling, 1882	Neogene – Recent

670. <i>Cyrtognatha weitschati</i> Wunderlich, 1988	Ne Dominican amber
† Eometa Petrunkevitch, 1958	Palaeogene
671. <i>Eometa calefacta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
672. <i>Eometa longipes</i> Petrunkevitch, 1958	Pa Baltic amber
673. <i>Eometa occulta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
674. <i>Eometa perfecta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
675. <i>Eometa samlandica</i> Petrunkevitch, 1958*	Pa Baltic amber
<i>Eometa</i> sp. 1–2 in Wunderlich (2004 <i>h</i>)	Pa Baltic amber
Homalometa Simon, 1897<i>b</i>	Neogene – Recent
676. <i>Homalometa fossilis</i> Wunderlich, 1988	Ne Dominican amber
† Huergina Selden & Penney, 2003	Cretaceous
677. <i>Huergina diazromerali</i> Selden & Penney, 2003*	K Las Hoyas, Spain
† Macryphantes Selden, 1990	Cretaceous
678. <i>Macryphantes cowdeni</i> Selden, 1990*	K Sierra de Montsech
Meta C. L. Koch, 1836	Palaeogene – Recent
679. <i>Meta (Praetermeta) maculosa</i> Wunderlich, 2008 <i>a</i>	Pa Baltic amber
680. <i>Meta (Praetermeta) velans</i> (Wunderlich, 2004 <i>h</i>)	Pa Baltic amber
† Palaeometa Petrunkevitch, 1922	Palaeogene
681. <i>Palaeometa opertanea</i> (Scudder, 1890 <i>a</i>)*	Pa Florissant
† Palaeopachygnatha Petrunkevitch, 1922	Palaeogene
682. <i>Palaeopachygnatha cockerelli</i> Petrunkevitch, 1922	Pa Florissant
683. <i>Palaeopachygnatha scudderi</i> Petrunkevitch, 1922*	Pa Florissant
† Priscometa Petrunkevitch, 1958	Palaeogene
684. <i>Priscometa capta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
685. <i>Priscometa minor</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
686. <i>Priscometa tenuipes</i> Petrunkevitch, 1958*	Pa Baltic amber
† Samlandicmeta Wunderlich, 2012<i>c</i>	Palaeogene
687. <i>Samlandicmeta mutila</i> Wunderlich, 2012 <i>c</i>	Pa Baltic amber
Tetragnatha Latreille, 1804<i>a</i>	Palaeogene – Recent
688. <i>Tetragnatha parva</i> (Hong, 1985)	Ne Shanwang
689. <i>Tetragnatha pristina</i> Schawaller, 1982 <i>c</i>	Ne Dominican amber
690. <i>Tetragnatha tertiaria</i> Scudder, 1885	Pa Florissant
NEPHILIDAE Simon, 1894	Jurassic – Recent
<i>Nephilidae</i> indet. in Wunderlich (2012 <i>c</i>)	Pa Baltic amber
† Cretaraneus Selden, 1990	Cretaceous
691. <i>Cretaraneus liaoningensis</i> Cheng, Meng & Wang in Cheng <i>et al.</i> , 2008	K Jehol biota
692. <i>Cretaraneus martensnetoi</i> Mesquita, 1996	K Crato Formation
693. <i>Cretaraneus vilaltae</i> Selden, 1990*	K Sierra de Montsech
† Eonephila Wunderlich, 2004<i>i</i>	Palaeogene

694. <i>Eonephila bitterfeldensis</i> Wunderlich, 2004 <i>i</i>	Pa Bitterfeld amber
695. <i>Eonephila excellens</i> Wunderlich, 2004*	Pa Baltic amber
696. <i>Eonephila longembolus</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
† Geratonephila Poinar in Poinar & Buckley, 2012	Cretaceous
697. <i>Geratonephila burmanica</i> Poinar in Poinar & Buckley, 2012*	K Myanmar amber
† Luxurionephila Wunderlich, 2004<i>i</i>	Palaeogene
698. <i>Luxurionephila spinifera</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
† Minutunguis Wunderlich, 2011<i>f</i>	Quaternary
699. <i>Minutunguis silvestris</i> Wunderlich, 2011 <i>f</i> *	Qt Madagascar copal
Nephila Leach, 1815	Cretaceous – Recent
700. <i>Nephila breviembolus</i> Wunderlich, 1986	Ne Dominican amber
701. <i>Nephila dommeli</i> Wunderlich, 1982	Ne Dominican amber
702. <i>Nephila furca</i> Wunderlich, 1986	Ne Dominican amber
703. <i>Nephila longembolus</i> Wunderlich, 1986	Ne Dominican amber
704. <i>Nephila pennatipes</i> Scudder, 1885	Pa Florissant
705. <i>Nephila tenuis</i> Wunderlich, 1986	Ne Dominican amber
<i>Nephila</i> sp. in Dunlop & Penney (2012)	K Crato Formation
† Palaeonephila Wunderlich, 2004<i>i</i>	Palaeogene
706. <i>Palaeonephila brevis</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
707. <i>Palaeonephila curvata</i> Wunderlich, 2004*	Pa Baltic amber
708. <i>Palaeonephila dilitans</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
709. <i>Palaeonephila fibula</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
710. <i>Palaeonephila longipes</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
† MONGOLARACHNIDAE Selden, Shi & Ren, 2013	Jurassic
† Mongolarachne Selden, Shi & Ren, 2013	Jurassic
711. <i>Mongolarachne jurassica</i> (Selden, Shih & Ren, 2011)*	J Daohugou
† JURARANEIDAE Eskov, 1984	Jurassic
† Juraraneus Eskov, 1984	Jurassic
712. <i>Juraraneus rasnitsyni</i> 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 <i>h</i>)	Pa Baltic amber
Araneidae gen. et sp. indet. in Ribera (2003)	Qt Girona, Spain
?Mangorini indet. in Wunderlich (2011 <i>a</i>)	Pa Baltic amber
Araneidae incertae sedis in Selden (2014 <i>b</i>)	Pa Isle of Wight

† <i>Anepeira</i> Wunderlich, 2004<i>i</i>	Palaeogene
713. <i>Anepeira complicata</i> Wunderlich, 2004 <i>i</i> *	Pa Baltic amber
† <i>Araneometa</i> Wunderlich, 1988	Neogene
714. <i>Araneometa excelsa</i> Wunderlich, 1988	Ne Dominican amber
715. <i>Araneometa herrlingi</i> Wunderlich, 1988*	Ne Dominican amber
716. <i>Araneometa spirembolus</i> Wunderlich, 1988	Ne Dominican amber
<i>Araneometa</i> sp. in Wunderlich (1988)	Ne Dominican amber
<i>Araneus</i> Clerck, 1757	?Cretaceous – Recent
717. ? <i>Araneus</i> sp. in Wunderlich (2012c)	Pa Baltic amber
718. <i>Araneus absconditus</i> (Scudder, 1890a)	Pa Florissant
719. <i>Araneus aethus</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
720. <i>Araneus beipiaoensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
721. <i>Araneus carbonaceous</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
722. <i>Araneus cinefactus</i> (Scudder, 1890a)	Pa Florissant
723. <i>Araneus defunctus</i> Petrunkevitch, 1958	Pa Baltic amber
724. <i>Araneus delitus</i> (Scudder, 1890a)	Pa Florissant
725. <i>Araneus emertoni</i> (Scudder, 1890a)	Pa Florissant
726. <i>Araneus exustus</i> Petrunkevitch, 1963	Ne Chiapas amber
727. <i>Araneus kinchloae</i> Dunlop & Jekel, 2009	Pa Florissant
i. = <i>Araneus indistinctus</i> (Petrunkevitch, 1922) [preoccupied]	
728. <i>Araneus inelegans</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
729. <i>Araneus leptopodus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
730. <i>Araneus liaoxiensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
731. <i>Araneus longimanus</i> (Petrunkevitch, 1922)	Pa Florissant
732. <i>Araneus (Calinurus) longipes</i> Dalman, 1826	Qt Copal
733. <i>Araneus luianus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
734. <i>Araneus meeki</i> (Scudder, 1890a)	Pa Florissant
735. <i>Araneus molassicus</i> (Heer, 1865)	Ne Öhningen
736. <i>Araneus nanus</i> Wunderlich, 1988	Ne Dominican amber
737. <i>Araneus piceus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
738. <i>Araneus reheensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
739. <i>Araneus ruidipedalis</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
740. <i>Araneus troschelii</i> (Bertkau, 1878b)	Ne Rott, Germany
741. <i>Araneus vulcanalis</i> (Scudder, 1890a)	Pa Florissant
<i>Argiope</i> Audouin, 1826	Neogene – Recent
= † <i>Magnaranea</i> Hong, 1985	
742. <i>Argiope furva</i> (Hong, 1985)	Ne Shanwang
† <i>Bararaneus</i> Wunderlich, 2004<i>i</i>	Palaeogene
743. ? <i>Bararaneus annulatus</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber
744. <i>Bararaneus evolvens</i> Wunderlich, 2004 <i>i</i> *	Pa Baltic amber
† <i>Chrysometata</i> Wunderlich, 2004<i>h</i>	Palaeogene

745. <i>Chrysometata palaeartica</i> Wunderlich, 2004 ^h	Pa Baltic amber
† Cyclososoma Petrunkevitch, 1958	Palaeogene
746. <i>Cyclososoma succini</i> Petrunkevitch, 1958*	Pa Baltic amber
Enacrosoma Mello-Leitão, 1932	Neogene – Recent
747. <i>Enacrosoma verrucosa</i> (Wunderlich, 1988)	Ne Dominican amber
† Eoaraneus Wunderlich, 2004ⁱ	Palaeogene
748. <i>Eoaraneus complexus</i> Wunderlich, 2004*	Pa Baltic amber
† Eochorizopes Wunderlich, 2008^a	Palaeogene
749. <i>Eochorizopes szeklinskiae</i> Wunderlich, 2008 ^a	Pa Baltic amber
† Eozygiella Wunderlich, 2004^h	Palaeogene
750. <i>Eozygiella compacta</i> Wunderlich, 2004 ^h	Pa Baltic amber
† Fossilaraneus Wunderlich, 1988	Neogene
751. <i>Fossilaraneus incertus</i> Wunderlich, 1988*	Ne Dominican amber
Gea C. L. Koch, 1843^a	Palaeogene – Recent
752. <i>Gea krantzi</i> von Heyden, 1859	Ne Rott, Germany
† Graea Thorell, 1869	Palaeogene
= † <i>Eustaloides</i> Petrunkevitch, 1942	
753. ? <i>Graea aberrans</i> Wunderlich, 2004 ^h	Pa Baltic amber
754. <i>Graea bitterfeldensis</i> Wunderlich, 2004 ^h	Pa Bitterfeld amber
755. <i>Graea breviembolus</i> Wunderlich, 2004 ^h	Pa Baltic amber
756. <i>Graea brevis</i> Wunderlich, 2004 ^h	Pa Baltic amber
757. <i>Graea calceatus</i> (Petrunkevitch, 1950)	Pa Baltic amber
758. <i>Graea epeiroides</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
759. <i>Graea impudica</i> Wunderlich, 2004 ^h	Pa Baltic amber
760. <i>Graea lingula</i> Wunderlich, 2004 ^h	Pa Baltic amber
761. <i>Graea magnocoli</i> Wunderlich, 2012 ^c	Pa Baltic amber
762. <i>Graea minor</i> (Petrunkevitch, 1950)	Pa Baltic amber
763. <i>Graea setosa</i> (Petrunkevitch, 1942)	Pa Baltic amber
764. <i>Graea succini</i> Petrunkevitch, 1942	Pa Baltic amber
Hypognatha Guérin, 1839	Quaternary – Recent
765. <i>Hypognatha testudinaria</i> (Taczanowski, 1879) [Recent]	Qt Colombian copal
† Meditrina Petrunkevitch, 1942	Palaeogene
766. <i>Meditrina circumvallata</i> Petrunkevitch, 1942*	Pa Baltic amber
† Mesozygiella Penney & Ortuño, 2006	Cretaceous
767. <i>Mesozygiella dunlopi</i> Penney & Ortuño, 2006*	K Álava amber
† Miraraneus Wunderlich, 2004ⁱ	Palaeogene
768. <i>Miraraneus peregrinus</i> Wunderlich, 2004*	Pa Baltic amber
† Mirometa Petrunkevitch, 1963	Neogene
769. <i>Mirometa valdespinosa</i> Petrunkevitch, 1963	Ne Chiapas amber
Molinaranea Mello-Leitão, 1940	Neogene – Recent
770. <i>Molinaranea mitnickii</i> Saupe, Selden & Penney, 2010	Ne Dominican amber

† <i>Pycnosinga</i> Wunderlich, 1988	Neogene
771. <i>Pycnosinga fossilis</i> Wunderlich, 1988*	Ne Dominican amber
† <i>Testudinaroides</i> Dunlop & Jekel, 2008	Neogene
= † <i>Testudinaria</i> Zhang, Sun & Zhang, 1994 [preoccupied]	
772. <i>Testudinaroides papposa</i> (Zhang, Sun & Zhang, 1994)	Ne Shanwang
† <i>Tethneus</i> Scudder, 1885	Palaeogene
= † <i>Melanites</i> Hong, 1985	
773. <i>Tethneus guyoti</i> Scudder, 1890a	Pa Florissant
774. <i>Tethneus hentzi</i> Scudder, 1885*	Pa Florissant
775. <i>Tethneus obduratus</i> Scudder, 1890a	Pa Florissant
776. <i>Tethneus orbiculatus</i> (Hong, 1985)	Ne Shanwang
777. <i>Tethneus provectus</i> Scudder, 1890a	Pa Florissant
778. <i>Tethneus robustus</i> Petrunkevitch, 1922	Pa Florissant
779. <i>Tethneus twenhofeli</i> Petrunkevitch, 1922	Pa Florissant
Zilla C. L. Koch, 1834	Palaeogene – Recent
780. <i>Zilla gracilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
781. <i>Zilla porrecta</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
782. <i>Zilla veterana</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
RETROLATERAL TIBIAL APOPHYSIS CLADE	Cretaceous – Recent
?RTA-clade <i>in</i> Wunderlich (2008 <i>d</i>)	K Myanmar amber
LYCOSOIDEA Sundevall, 1833	Cretaceous – Recent
† <i>Korearachne</i> Selden, Nam, Kim & Kim, 2012	Cretaceous
783. <i>Korearachne jinju</i> Selden, Nam, Kim & Kim, 2012*	K Sacheon, S. Korea
[Tentative assignment to Lycosoidea; disputed by Wunderlich (2012 <i>d</i>) who suggested it could be a haplogyne spider in Pholcoidea or Leptonetoidea]	
LYCOSIDAE Sundevall, 1833	?Cretaceous – Recent
Lycosidae gen. et sp. <i>in</i> Bottali (1975)	Qt Italy
Lycosidae gen. et sp. <i>in</i> Schawaller (1982 <i>d</i>)	Ne Willershausen
Lycosidae gen. et sp. <i>in</i> Penney (2001)	Ne Dominican amber
Lycosidae gen. et sp. <i>in</i> Kim & Nam (2012) [unreliable record]	K Liyuan, China
Alopecosa Simon, 1885<i>b</i>	Quaternary – Recent
784. <i>Alopecosa ?pulverulenta</i> (Clerck, 1757) [Recent]	Qt England
† <i>Dryadia</i> Zhang, Sun & Zhang, 1994	Palaeogene
785. <i>Dryadia acanthopoda</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Lycosa Latreille, 1804<i>a</i>	Palaeogene – Recent
786. <i>Lycosa florissanti</i> Petrunkevitch, 1922	Pa Florissant
787. <i>Lycosa lithographica</i> Schawaller & Ono, 1979	Ne Randecker Maar
788. <i>Lycosa malleata</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
789. <i>Lycosa miocaena</i> Schawaller & Ono, 1979	Ne Randecker Maar
790. <i>Lycosa subterranea</i> Zhang, Sun & Zhang, 1994	Ne Shanwang

Pardosa C. L. Koch, 1847	Quaternary – Recent
791. <i>Pardosa pullata</i> (Clerck, 1757) [Recent]	Qt England
<i>Pardosa</i> sp. in Scott (2003)	Qt England
Pirata Sundevall, 1833	Quaternary – Recent
792. <i>Pirata ?piraticus</i> (Clerck, 1757) [Recent]	Qt England
Trochosa C. L. Koch, 1847	Quaternary – Recent
793. <i>Trochosa terricola</i> Thorell, 1856 [Recent]	Qt England
† PARATTIDAE Petrunkevitch, 1922	Palaeogene
† Parattus Petrunkevitch, 1922	Palaeogene
794. <i>Parattus evocatus</i> (Scudder, 1890a)	Pa Florissant
795. <i>Parattus latitatus</i> (Scudder, 1890a)	Pa Florissant
796. <i>Parattus oculatus</i> Petrunkevitch, 1922	Pa Florissant
797. <i>Parattus resurrectus</i> (Scudder, 1890a)*	Pa Florissant
TRECHALEIDAE Simon, 1890	Palaeogene – Recent
= TRICLARIDAE O. P.-Cambridge, 1877 [<i>nomen oblitum</i>]	
= PERISSOBLEMMATIDAE O. P.-Cambridge, 1882b [based on a synonym]	
<i>Trechaleidae</i> sp. in Wunderlich (2004aa)	Pa Baltic amber
† Eotrechalea Wunderlich, 2004aa	Palaeogene
798. <i>Eotrechalea annulata</i> Wunderlich, 2004aa*	Pa Baltic amber
† Esuritor Petrunkevitch, 1942	Palaeogene
799. <i>Esuritor aculeatus</i> Petrunkevitch, 1958	Pa Baltic amber
800. <i>Esuritor spinipes</i> Petrunkevitch, 1942*	Pa Baltic amber
† Linoptes Menge, 1854	Palaeogene
801. ?' <i>Linoptes</i> ' <i>oculeus</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
NB: <i>Linoptes</i> mentioned as a <i>nomen nudum</i> by Wunderlich (2004z); this species listed by Wunderlich (2004aa) under Trechaleidae and another species under Pisauridae (see below)	
PISAURIDAE Simon, 1890	Palaeogene – Recent
= BRADYSTICHIDAE Simon, 1884	
= DOLOMEDIDAE Simon, 1898a	
= HALIDAE Jocqué, 1994	
<i>Pisauridae</i> sp. in Wunderlich (1988)	Pa Dominican amber
<i>Pisauridae</i> sp. in Wunderlich (2004z)	Pa Baltic amber
Dolomedes Latreille, 1804a	Quaternary – Recent
802. <i>Dolomedes fimbriatus</i> (Clerck, 1757) [Recent]	Qt England
† 'Linoptes' Menge, 1854	Palaeogene
= † <i>Eopisaurella</i> Petrunkevitch, 1958	
NB: See notes on <i>Linoptes</i> under Trechaleidae above!	
803. ?' <i>Linoptes</i> ' <i>valdespinosa</i> (Petrunkevitch, 1958)*	Pa Baltic amber
?' <i>Linoptes</i> ' sp. 1–8 in Wunderlich (2004z)	Pa Baltic amber

- † **Palaeoperenethis Selden & Penney, 2009** **Palaeogene**
 804. *Palaeoperenethis thaleri* Selden & Penney, 2009* Pa British Columbia
- OXYOPIDAE Thorell, 1870a** **Palaeogene – Recent**
 = SPHASIDAE O. P.-Cambridge, 1871
 = HAMATALIVIDAE Marx, 1890b
Oxyopidae sp. *in* Wunderlich 2004ab Pa Bitterfeld amber
- Oxyopes Latreille, 1804a** **Palaeogene – Recent**
 805. *Oxyopes defectus* Wunderlich, 1988 Ne Dominican amber
 806. ‘*Oxyopes*’ *succini* Petrunkevitch, 1958 Pa Baltic amber
Oxyopes sp. *in* Wunderlich (1988, 2004ab) Ne Dominican amber
- † **Planoxyopes Petrunkevitch, 1963** **Neogene**
 807. *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 (2004x) Pa Baltic / Bitt. amber
- † **Eomatachia Petrunkevitch, 1942** **Palaeogene**
 808. *Eomatachia barbarus* Wunderlich, 2004x Pa Baltic amber
 809. *Eomatachia bipartita* Wunderlich, 2004x Pa Baltic amber
 810. *Eomatachia divergens* Wunderlich, 2004x Pa Baltic amber
 811. *Eomatachia duplex* Wunderlich, 2004x Pa Baltic amber
 812. *Eomatachia latifrons* Petrunkevitch, 1942* Pa Baltic amber
 813. *Eomatachia recedens* Wunderlich, 2004x Pa Baltic amber
 814. *Eomatachia succini* (Petrunkevitch, 1942) Pa Baltic amber
 815. *Eomatachia wegneri* Wunderlich, 2004x Pa Baltic amber
 816. *Eomatachia xanthippe* Wunderlich, 2004x Pa Baltic amber
- † **Eoprychia Petrunkevitch, 1958** **Palaeogene**
 817. *Eoprychia succini* Petrunkevitch, 1958* Pa Baltic amber
 818. *Eoprychia succinopsis* Wunderlich, 2004x Pa Baltic amber

819. <i>Eoprychia vicina</i> Wunderlich, 2004x	Pa Baltic amber
<i>Eoprychia</i> sp. in Wunderlich (2004x)	?Pa not specified
† Succiniropsis Wunderlich, 2004x	Palaeogene
820. <i>Succiniropsis kutscheri</i> Wunderlich, 2004x*	Pa Baltic / Bitt. Amber
821. <i>Succiniropsis runcinata</i> Wunderlich, 2012c	Pa Baltic amber
822. <i>Succiniropsis samlandica</i> Wunderlich, 2004x	Pa Baltic amber
† INSECUTORIDAE Petrunkevitch, 1942	Palaeogene
† <i>Insecutor</i> Petrunkevitch, 1942	Palaeogene
823. <i>Insecutor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
824. <i>Insecutor mandibulatus</i> Petrunkevitch, 1942	Pa Baltic amber
825. ? <i>Insecutor pecten</i> Wunderlich, 2004y	Pa Baltic amber
826. <i>Insecutor rufus</i> Petrunkevitch, 1942	Pa Baltic amber
827. ? <i>Insecutor spinifer</i> Wunderlich, 2004y	Pa Baltic amber
? <i>Insecutor</i> sp. in Wunderlich (2004y)	Pa Baltic amber
ZORIDAE F. O. P.-Cambridge, 1893	Palaeogene – Recent
† <i>Zorapostenus</i> Wunderlich, 2008c	Palaeogene
828. <i>Zorapostenus raveni</i> Wunderlich, 2008c	Pa Baltic amber
† SUCCINOMIDAE Wunderlich, 2012c	Palaeogene
† <i>Eohalinobius</i> Wunderlich, 2008c	Palaeogene
829. <i>Eohalinobius calefactus</i> Wunderlich, 2012c	Pa Baltic amber
830. <i>Eohalinobius hiddenseeensis</i> Wunderlich, 2012c	Pa Baltic amber
831. <i>Eohalinobius patina</i> Wunderlich, 2012c	Pa Baltic amber
832. <i>Eohalinobius scutatus</i> Wunderlich, 2008c	Pa Baltic amber
† <i>Succinomus</i> Wunderlich, 2008c	Palaeogene
833. <i>Succinomus duomammillae</i> Wunderlich, 2008c	Pa Baltic amber
834. ? <i>Succinomus gibbosus</i> Wunderlich, 2012c	Pa Baltic amber
CTENIDAE Keyserling, 1877	Neogene – Recent
= ACANTHOCTENIDAE Simon, 1892b	
† <i>Nanoctenus</i> Wunderlich, 1988	Neogene
835. <i>Nanoctenus longipes</i> Wunderlich, 1988*	Ne Dominican amber
AGELENIDAE C. L. Koch, 1837	Palaeogene – Recent
= TEGENARIDAE Prach, 1860	
= † INCEPTORIDAE Petrunkevitch, 1942	
<i>Agelena</i> Walckenaer, 1805	Palaeogene – Recent
836. <i>Agelena tabida</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
<i>Histopona</i> Thorell, 1869	Palaeogene – Recent
837. ? <i>Histopona anthracina</i> Bertkau, 1878b	Ne Rott, Germany

- † **Inceptor Petrunkevitch, 1942** **Palaeogene**
 838. *Inceptor aculeatus* Petrunkevitch, 1942* Pa Baltic amber
 839. *Inceptor dubius* Petrunkevitch, 1946 Pa Baltic amber
- Tegenaria Latreille, 1804a** **Palaeogene – Recent**
 840. ?*Tegenaria fragmentum* Wunderlich, 2004w Pa Baltic amber
 841. *Tegenaria lacazei* Gourret, 1887 Pa Aix-en-Provence
 842. ?*Tegenaria obtusa* Wunderlich, 2004w Pa Baltic amber
 843. *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**
 844. *Sinodictyna fushunensis* Hong, 1982* Pa Fu Shun amber
- CYBAEIDAE Simon, 1898a** **Palaeogene – Recent**
 = ARGYRONETIDAE Thorell, 1870a [both family names protected by usage]
- Argyroneta Latreille, 1804a** **?Neogene – Recent**
 845. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** Qt England
 846. ?*Argyroneta longipes* Heer, 1865 Ne Öhningen
- † **Vectaraneus Selden, 2001** **Palaeogene**
 847. *Vectaraneus yulei* Selden, 2001* Pa Bembridge Marls
- DESIDAE Pocock, 1895** **Palaeogene – Recent**
Myro O. P.-Cambridge, 1876 **Palaeogene – Recent**
 848. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]..... Pa Baltic amber
 849. *Myro hirsutus* Petrunkevitch, 1942 Pa Baltic amber
- AMPHINECTIDAE Forster & Wilton, 1973** **Recent**
 = NEOLANIDAE Forster & Wilton, 1973
 no fossil record
- CYCLOCTENIDAE Simon, 1898a** **Recent**
 no fossil record
- HAHNIIDAE Bertkau, 1878a** **Palaeogene – Recent**
 † **Cymbiohahnia Wunderlich, 2004v** **Palaeogene**
 850. *Cymbiohahnia parens* Wunderlich, 2004v Pa Baltic, Bitterfeld &
 Rovno amber
- † **Eohahnia Petrunkevitch, 1958** **Palaeogene**
 851. *Eohahnia succini* Petrunkevitch, 1958* Pa Baltic amber
- † **Protohahnia Wunderlich, 2004v** **Palaeogene**
 852. *Protohahnia antiqua* Wunderlich, 2004v* Pa Baltic amber

853. *Protohahnia tripartita* Wunderlich, 2004v Pa Baltic amber
- genus uncertain**
854. '*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 (2008d) K Myanmar amber
- Dictyninae indet *in* Wunderlich (2012b) Pa Rovno amber
- Argenna Thorell, 1870a** **Neogene – Recent**
855. *Argenna fossilis* Petrunkevitch *in* Palmer, 1957 Ne Mojave Desert
- † **Arthrodictyna Petrunkevitch, 1942** **Palaeogene**
856. *Arthrodictyna segmentata* Petrunkevitch, 1942* Pa Baltic amber
- † **Balticocryphoeca Wunderlich, 2004v** **Palaeogene**
857. *Balticocryphoeca curvitaris* Wunderlich, 2004v* Pa Baltic / Bitt. amber
- † **Brommellina Wunderlich, 2004v** **Palaeogene**
858. *Brommellina longungulae* Wunderlich, 2004v* Pa Baltic amber
- † **Burmadictyna Wunderlich, 2008d** **Cretaceous**
859. *Burmadictyna pecten* Wunderlich, 2008d* K Myanmar amber
- † **Chelicirrum Wunderlich, 2004v** **Palaeogene**
860. *Chelicirrum stridulans* Wunderlich, 2004v* Pa Baltic amber
- † **Cryphoezaga Wunderlich, 2004v** **Palaeogene**
861. *Cryphoezaga dubia* Wunderlich, 2004v* Pa Baltic amber
- Dictyna Sundevall, 1833** **Quaternary – Recent**
862. *Dictyna rufa* Wunderlich, 2012a Qt Madagascan copal
- † **Eobrommella Wunderlich, 2004v** **Palaeogene**
863. *Eobrommella scutata* Wunderlich, 2004v* Pa Baltic amber
- † **Eocryphoeca Petrunkevitch, 1946** **Palaeogene**
864. *Eocryphoeca bitterfeldensis* Wunderlich, 2004v Pa Bitterfeld amber
865. *Eocryphoeca electrina* Wunderlich, 2004v Pa Baltic amber
866. *Eocryphoeca falcata* Wunderlich, 2004v Pa Baltic amber
867. *Eocryphoeca gibbifera* Wunderlich, 2004v Pa Baltic amber
868. *Eocryphoeca gracilipes* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
869. *Eocryphoeca ligula* Wunderlich, 2004v Pa Baltic amber
870. *Eocryphoeca mammilla* Wunderlich, 2004v Pa Baltic amber
871. *Eocryphoeca splendens* Wunderlich, 2004v Pa Baltic amber
- Eocryphoeca* sp. *in* Wunderlich (2004v) Pa Baltic amber
- † **Eocryphoecara Wunderlich, 2004v** **Palaeogene**
872. *Eocryphoecara abicera* Wunderlich, 2004v* Pa Baltic amber
- † **Eodictyna Wunderlich, 2004v** **Palaeogene**

873. <i>Eodictyna communis</i> Wunderlich, 2004v*	Pa Baltic amber
† Eolathys Petrunkevitch, 1950	Palaeogene
874. <i>Eolathys debilis</i> Petrunkevitch, 1950	Pa Baltic amber
875. <i>Eolathys succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† Flagelldictyna Wunderlich, 2012a	Quaternary
876. <i>Flagelldictyna copalis</i> Wunderlich, 2012a*	Qt Madagascar copal
† Gibbermastigusa Wunderlich, 2004v	Palaeogene
877. <i>Gibbermastigusa lateralis</i> Wunderlich, 2004v*	Pa Baltic amber
† Hispaniolyna Wunderlich, 1988	Neogene
878. <i>Hispaniolyna hirsuta</i> Wunderlich, 1988	Ne Dominican amber
879. <i>Hispaniolyna magna</i> Wunderlich, 1988*	Ne Dominican amber
† Mastigusa Menge in C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Eotetrilus</i> Wunderlich, 1982 [<i>nomen nudum</i>]	
880. <i>Mastigusa acuminata</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
881. <i>Mastigusa arcuata</i> Wunderlich, 2004v	Pa Baltic amber
882. <i>Mastigusa bitterfeldensis</i> Wunderlich, 2004v	Pa Bitterfeld amber
883. <i>Mastigusa laticymbium</i> Wunderlich, 2004v	Pa Baltic amber
884. <i>Mastigusa magnibulbus</i> Wunderlich, 2004v	Pa Bitterfeld amber
885. <i>Mastigusa media</i> Wunderlich, 1986	Pa Baltic amber
886. <i>Mastigusa modesta</i> Wunderlich, 1986	Pa Baltic amber
887. <i>Mastigusa scutata</i> Wunderlich, 2004v	Pa Baltic amber
<i>Mastigusa</i> sp. in Wunderlich (2004v)	Pa Baltic amber
† Mizagalla Wunderlich, 2004v	Palaeogene
888. <i>Mizagalla quattuor</i> Wunderlich, 2004v*	Pa Baltic amber
889. <i>Mizagalla tuberculata</i> Wunderlich, 2004v	Pa Baltic amber
† Palaeodictyna Wunderlich, 1988	Neogene
890. <i>Palaeodictyna intermedia</i> Wunderlich, 1988	Ne Dominican amber
891. <i>Palaeodictyna longispina</i> Wunderlich, 1988	Ne Dominican amber
892. <i>Palaeodictyna singularis</i> Wunderlich, 1988	Ne Dominican amber
893. <i>Palaeodictyna spiculum</i> Wunderlich, 1988	Ne Dominican amber
894. <i>Palaeodictyna termitophila</i> Wunderlich, 1988*	Ne Dominican amber
895. <i>Palaeodictyna unispina</i> Wunderlich, 1988	Ne Dominican amber
† Palaeolathys Wunderlich, 1986	Neogene
896. <i>Palaeolathys circumductus</i> Wunderlich, 1988	Ne Dominican amber
897. <i>Palaeolathys copalis</i> Wunderlich, 1986	Qt Dominican copal
898. <i>Palaeolathys quadruplex</i> Wunderlich, 1988	Ne Dominican amber
899. <i>Palaeolathys similis</i> Wunderlich, 1988	Ne Dominican amber
900. <i>Palaeolathys spinosa</i> Wunderlich, 1986*	Ne Dominican amber
<i>Palaeolathys</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Protomastigusa Wunderlich, 2004v	Palaeogene
901. <i>Protomastigusa composita</i> Wunderlich, 2004v	Pa Baltic amber

† <i>Scopulyna</i> Wunderlich, 2004v	Palaeogene
902. <i>Scopulyna cursor</i> Wunderlich, 2004v	Pa Baltic amber
† <i>Succinya</i> Wunderlich, 1988	Neogene
903. <i>Succinya longembolus</i> Wunderlich, 1988	Ne Dominican amber
904. <i>Succinya pulcher</i> Wunderlich, 1988*	Ne Dominican amber
905. <i>Succinya spinipalpus</i> Wunderlich, 1988	Ne Dominican amber
<i>Thallumetus</i> Simon, 1892b	Subrecent – Recent
906. <i>Thallumetus copalis</i> Wunderlich, 2004at	Qt Colombian copal
AMAUROBIIDAE Thorell, 1870a	Palaeogene – Recent
= CINIFLONIDAE Blackwall, 1841	
[partly also Dictynidae; based on a generic synonym]	
Amaurobiinae sp. <i>in</i> Wunderlich (2004u)	Pa Baltic amber
PHYXELIDIDAE Lehtinen, 1967	Recent
no fossil record	
TITANOECIDAE Lehtinen, 1967	Quaternary – Recent
† <i>Copaldictyna</i> Wunderlich, 2004v	Quaternary
Tentative transfer by Wunderlich (2012a)	
907. <i>Copaldictyna madagascariensis</i> Wunderlich, 2004v*	Qt Madagascan copal
NICODAMIDAE Simon, 1898	Recent
= MEGADICTYNIDAE Lehtinen, 1967	
no fossil record	
TENGELLIDAE Dahl, 1908	Recent
no fossil record	
MITURGIDAE Simon, 1885a	Neogene – Recent
= CHEIRACANTHIDAE Wagner, 1887	
<i>Strotarchus</i> Simon, 1888	Neogene – Recent
= † <i>Mimeutychurus</i> Petrunkevitch, 1963 [tentative synonymy]	
908. <i>Strotarchus heidti</i> Wunderlich, 1988	Ne Dominican amber
909. <i>Strotarchus paradoxus</i> (Petrunkevitch, 1963)	Ne Chiapas amber
ANYPHAENIDAE Bertkau, 1878a	Palaeogene – Recent
= AMAUROBIOIDIDAE Hickman, 1949	
<i>Anyphaena</i> Sundevall, 1833	Palaeogene – Recent
910. ' <i>Anyphaena</i> ' <i>fuscata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
<i>Anyphaenoides</i> Berland, 1913	Neogene – Recent
911. <i>Anyphaenoides bulla</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Lupettiana</i> Brescovit, 1997	Neogene – Recent

912. <i>Lupettiana ligula</i> (Wunderlich, 1988)	Ne Dominican amber
Wulfila O. P.-Cambridge, 1895	Neogene – Recent
913. <i>Wulfila spinipes</i> Wunderlich, 1988	Ne Dominican amber
LIOCRANIDAE Simon, 1897a	Palaeogene – Recent
?Liocranidae <i>in</i> Wunderlich (1988)	Ne Dominican amber
Apostenus Westring, 1851	Palaeogene – Recent
914. <i>Apostenus arnoldorum</i> Wunderlich, 2004ag	Pa Baltic amber
915. <i>Apostenus bigibber</i> Wunderlich, 2004ag	Pa Baltic / Bitt. amber
916. <i>Apostenus spinimanus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Donuea Strand, 1932	Quaternary – Recent
917. <i>Donuea collustrata</i> Bosselaers & Dierick, 2010 [Recent]	Qt – R Madagascar
† Palaeospinisoma Wunderlich, 2004ag	Palaeogene
918. <i>Palaeospinisoma femoralis</i> Wunderlich, 2004ag*	Pa Baltic amber
 CLUBIONOIDEA incertae sedis	
Wunderlich (2011d) proposed removing almost all the amber fossils from the clubionids <i>sensu stricto</i> . 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
919. <i>Concursator nudipes</i> Petrunkevitch, 1958*	Pa Baltic amber
† Systariella Wunderlich, 2004af	Palaeogene
920. <i>Systariella magniocoli</i> Wunderlich, 2004af*	Pa Baltic amber
 CLUBIONIDAE Simon, 1895	
Clubionidae gen. et sp. <i>in</i> Nishikawa (1974)	Qt Mizunami copal
Clubiona Latreille, 1804a	Palaeogene – Recent
921. <i>Clubiona arcana</i> Scudder, 1890a	Pa Florissant
922. <i>Clubiona attenuata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
923. <i>Clubiona curvispinosa</i> Petrunkevitch, 1922	Pa Florissant
924. <i>Clubiona florissantii</i> Petrunkevitch, 1922	Pa Florissant
925. <i>Clubiona lanata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
926. <i>Clubiona microphthalma</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
927. <i>Clubiona pubescens</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
928. <i>Clubiona sericea</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
929. <i>Clubiona tomentosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Desultor Petrunkevitch, 1942	Palaeogene
930. <i>Desultor depressus</i> Petrunkevitch, 1942	Pa Baltic amber
Elaver O. P.-Cambridge, 1898	Neogene – Recent
931. <i>Elaver nutua</i> (Wunderlich, 1988)	Ne Dominican amber
† Eobumbatrix Petrunkevitch, 1922	Palaeogene

932.	<i>Eobumbatrix latebrosa</i> (Scudder, 1890a)*	Pa Florissant
†	Eodoter Petrunkevitch, 1958	Palaeogene
933.	<i>Eodoter eopala</i> Wunderlich, 2004af	Pa Baltic amber
934.	<i>Eodoter lonimammillae</i> Wunderlich, 2012c	Pa Baltic amber
935.	<i>Eodoter magnificus</i> Petrunkevitch, 1958*	Pa Baltic amber
936.	<i>Eodoter scutatus</i> Wunderlich, 2011d	Pa Baltic amber
937.	? <i>Eodoter tibialis</i> Wunderlich, 2011d	Pa Baltic amber
†	Eostentatrix Petrunkevitch, 1922	Palaeogene
938.	<i>Eostentatrix cockerelli</i> Petrunkevitch, 1922	Pa Florissant
939.	<i>Eostentatrix ostentata</i> (Scudder, 1890a)*	Pa Florissant
†	Eoversatrix Petrunkevitch, 1922	Palaeogene
940.	<i>Eoversatrix eversa</i> (Scudder, 1890a)*	Pa Florissant
†	Machilla Petrunkevitch, 1958 [family uncertain]	Palaeogene
941.	<i>Machilla setosa</i> Petrunkevitch, 1958*	Pa Baltic amber
†	Massula Petrunkevitch, 1942 [family uncertain]	Palaeogene
942.	<i>Massula klebsi</i> Petrunkevitch, 1942*	Pa Baltic amber
†	Prosocer Petrunkevitch, 1963	Neogene
943.	<i>Prosocer mollis</i> Petrunkevitch, 1963*	Ne Chiapas amber

Clubionidae *incertae sedis*

†	Chiapasona Petrunkevitch, 1963	Neogene
944.	<i>Chiapasona defuncta</i> Petrunkevitch, 1963*	Ne Chiapas amber

CORINNIDAE Karsch, 1880a

= MYRMECIIDAE C. L. Koch, 1851 [name already used for ants]

†	Ablator Petrunkevitch, 1942	Palaeogene
	= † <i>Abligurator</i> Petrunkevitch, 1942	
945.	<i>Ablator biguttatus</i> Wunderlich, 2004ah	Pa Baltic amber
946.	<i>Ablator curvatus</i> Wunderlich, 2004ah	Pa Baltic amber
947.	<i>Ablator deminuens</i> Wunderlich, 2004ah	Pa Baltic amber
948.	<i>Ablator depressus</i> Wunderlich, 2004ah	Pa Baltic amber
949.	<i>Ablator duomammillae</i> Wunderlich, 2004ah	Pa Baltic amber
950.	<i>Ablator felix</i> (Petrunkevitch, 1958)	Pa Baltic amber
951.	<i>Ablator inevolvens</i> Wunderlich, 2004ah	Pa Baltic amber
952.	<i>Ablator longus</i> Wunderlich, 2004ah	Pa Baltic amber
953.	<i>Ablator nonguttatus</i> Wunderlich, 2004ah	Pa Baltic amber
954.	<i>Ablator parvus</i> Wunderlich, 2004ah	Pa Baltic amber
955.	<i>Ablator plumosus</i> (Petrunkevitch, 1950)	Pa Baltic amber
956.	<i>Ablator robustus</i> Wunderlich, 2004ah	Pa Baltic amber
957.	<i>Ablator scutatus</i> Wunderlich, 2004ah	Pa Baltic amber
958.	<i>Ablator splendens</i> Wunderlich, 2004ah	Pa Baltic amber
959.	<i>Ablator triguttatus</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber

i. = <i>Philodromus microcephalus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
ii. = <i>Philodromus squamiger</i> C. L. Koch & Berendt, 1854 ..	Pa Baltic amber
iii. = <i>Abligurator niger</i> Petrunkevitch, 1942	Pa Baltic amber
† Alterphrurolithus Wunderlich, 2004ah	Palaeogene
960. <i>Alterphrurolithus longipes</i> Wunderlich, 2004ah	Pa Baltic amber
Castianeira Keyserling, 1880b	Neogene – Recent
961. <i>Castianeira tenebricosa</i> Wunderlich, 1988	Ne Dominican amber
† Chemmisomma Wunderlich, 1988	Neogene
962. <i>Chemmisomma dubia</i> Wunderlich, 1988*	Ne Dominican amber
Corinna C. L. Koch, 1842a	Neogene – Recent
963. <i>Corinna flagelliformis</i> Wunderlich, 1988	Ne Dominican amber
† Cornucymbium Wunderlich, 2004ah	Palaeogene
964. <i>Cornucymbium insolens</i> Wunderlich, 2004ah*	Pa Baltic amber
† Cryptoplanus Petrunkevitch, 1958	Palaeogene
965. <i>Cryptoplanus bulbosus</i> Wunderlich, 2004ah	Pa Baltic amber
966. <i>Cryptoplanus complicatus</i> Wunderlich, 2004ah	Pa Baltic amber
967. <i>Cryptoplanus incidens</i> Wunderlich, 2004ah	Pa Baltic amber
968. <i>Cryptoplanus lanatus</i> (Petrunkevitch, 1958)	Pa Baltic amber
969. <i>Cryptoplanus paradoxus</i> Petrunkevitch, 1958*	Pa Baltic amber
970. <i>Cryptoplanus sericatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
971. <i>Cryptoplanus sinuosus</i> Wunderlich, 2004ah	Pa Baltic amber
<i>Cryptoplanus</i> sp. in Wunderlich (2004ah)	Pa Baltic amber
† Eomazax Petrunkevitch, 1958	Palaeogene
972. <i>Eomazax pulcher</i> Petrunkevitch, 1958*	Pa Baltic amber
Megalostrata Karsch, 1880a	Neogene – Recent
973. <i>Megalostrata grandis</i> Wunderlich, 1988	Ne Dominican amber
† Myrmecorinna Wunderlich, 2004ah	Palaeogene
974. <i>Myrmecorinna gracilis</i> Wunderlich, 2004ah*	Pa Baltic amber
† Palpiraptor Wunderlich, 2011f	Quaternary
975. <i>Palpiraptor myrmarachnoides</i> Wunderlich, 2011f*	Qt Madagascar copal
Phrurolithus C. L. Koch, 1839b	Palaeogene
976. <i>Phrurolithus extinctus</i> Petrunkevitch, 1958	Pa Baltic amber
977. <i>Phrurolithus fossilis</i> Petrunkevitch, 1958	Pa Baltic amber
978. <i>Phrurolithus ipseni</i> Petrunkevitch, 1958	Pa Baltic amber
† Protoorthobula Wunderlich, 2004ah	Palaeogene
979. <i>Protoorthobula bifida</i> Wunderlich, 2004ah*	Pa Baltic amber
980. <i>Protoorthobula deelemanni</i> Wunderlich, 2004ah	Pa Baltic / Bitt. amber
Trachelas L. Koch, 1872	Neogene
981. <i>Trachelas poinari</i> 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 <i>in</i> Wunderlich (2004ae)	Pa Baltic amber
† Adjutor Petrunkevitch, 1942	Palaeogene
982. <i>Adjutor deformis</i> Petrunkevitch, 1958	Pa Baltic amber
983. <i>Adjutor mirabilis</i> Petrunkevitch, 1942*	Pa Baltic amber
† Admissor Petrunkevitch, 1942	Palaeogene
984. <i>Admissor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Adorator Petrunkevitch, 1942	Palaeogene
985. <i>Adorator hispidus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Rovno amber
i. = <i>Segestria cylindrica</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
ii. = <i>Eresus curtipes</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
iii. = <i>Eresus monachus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
iv. = <i>Adorator brevipes</i> Petrunkevitch, 1942*	Pa Baltic amber
986. <i>Adorator samlandicus</i> Petrunkevitch, 1942	Pa Baltic amber
† Angusdarion Wunderlich, 2004ae	Palaeogene
987. <i>Angusdarion humilis</i> Wunderlich, 2004ae*	Pa Baltic amber
† Anniculus Petrunkevitch, 1942	Palaeogene
988. <i>Anniculus balticus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Eocydrele Petrunkevitch, 1958	Palaeogene
989. <i>Eocydrele mortua</i> Petrunkevitch, 1958*	Pa Baltic amber
† Propago Petrunkevitch, 1963	Neogene
990. <i>Propago debilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
† Spinizodarion Wunderlich, 2004ae	Palaeogene
991. <i>Spinizodarion ananulum</i> Wunderlich, 2004ae*	Pa Baltic amber
† Zodariodamus Wunderlich 2004ae	Palaeogene
992. <i>Zodariodamus recurvatus</i> Wunderlich 2004ae*	Pa Baltic amber
PENESTOMIDAE Simon, 1903	Recent
no fossil record	
† EPHALMATORIDAE Petrunkevitch, 1950	Palaeogene
† Ephalmator Petrunkevitch, 1950	Palaeogene
993. <i>Ephalmator bitterfeldensis</i> Wunderlich, 2004ad	Pa Bitterfeld amber
994. <i>Ephalmator calidus</i> Wunderlich, 2004ad	Pa Baltic amber
995. <i>Ephalmator debilis</i> Wunderlich, 2004ad	Pa Baltic amber
996. <i>Ephalmator distinctus</i> Wunderlich, 2004ad	Pa Baltic amber
997. <i>Ephalmator ellwangeri</i> Wunderlich, 2004ad	Pa Baltic amber
998. ? <i>Ephalmator eximius</i> Petrunkevitch, 1958	Pa Baltic amber
999. <i>Ephalmator fossilis</i> Petrunkevitch, 1950*	Pa Baltic amber
1000. <i>Ephalmator kerneggeri</i> Wunderlich, 2004ad	Pa Baltic amber

1001. *Ephalmator petrunkevitchi* Wunderlich, 2004ad Pa Baltic amber
 1002. *Ephalmator ruthildae* Wunderlich, 2004ad Pa Baltic amber
 1003. *Ephalmator tredecim* Wunderlich, 2012c Pa Baltic amber
 1004. *Ephalmator trudis* Wunderlich, 2004ad Pa Baltic amber
 1005. *Ephalmator turpiculus* Wunderlich, 2004ad Pa Baltic amber
Ephalmator sp. in Wunderlich (2004ad) 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, 2004am **Palaeogene**
 1006. *Eotrochanteria kruegeri* Wunderlich, 2004am* Pa Baltic amber
- † ***Sosybius*** C. L. Koch & Berendt, 1854 **Palaeogene**
 = † *Adamator* Petrunkevitch, 1942
 = † *Adjunctor* Petrunkevitch, 1942
 = † *Adulatrix* Petrunkevitch, 1942
1007. *Sosybius berendti* Wunderlich, 2004am Pa Baltic amber
 1008. *Sosybius decumana* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 1009. *Sosybius falcatus* Wunderlich, 2004am Pa Baltic amber
 1010. *Sosybius fusca* (Petrunkevitch, 1942) Pa Baltic amber
 1011. *Sosybius kochi* Wunderlich, 2004am Pa Baltic amber
 1012. *Sosybius lateralis* Wunderlich, 2004am Pa Baltic amber
 1013. *Sosybius longipes* Wunderlich, 2004am Pa Baltic amber
 1014. *Sosybius major* C. L. Koch & Berendt, 1854 Pa Baltic amber
 1015. *Sosybius minor* C. L. Koch & Berendt, 1854* Pa Baltic amber
 1016. *Sosybius mizgirisi* Wunderlich, 2004am Pa Baltic amber
 1017. *Sosybius parva* (Petrunkevitch, 1942) Pa Baltic amber
 1018. *Sosybius perniciosus* Wunderlich, 2004am Pa Baltic amber

1019. <i>Sosybius rufa</i> (Petrunkevitch, 1942)	Pa Baltic amber
1020. <i>Sosybius similis</i> Petrunkevitch, 1942	Pa Baltic amber
1021. <i>Sosybius succineus</i> (Petrunkevitch, 1942)	Pa Baltic amber
1022. <i>Sosybius tibialis</i> Wunderlich, 2004am	Pa Baltic amber
1023. <i>Sosybius unispinosus</i> Wunderlich, 2004am	Pa Baltic amber
<i>Sosybius</i> sp. in Wunderlich (2004am, ar)	Pa Baltic / Rovno amber
† <i>Thereola</i> Petrunkevitch, 1955	Palaeogene
= † <i>Therea</i> Koch & Berendt, 1854 [preoccupied]	
1024. <i>Thereola petiolata</i> (C. L. Koch & Berendt, 1854)* [♀ = ? <i>Dasuminia</i> sp. according to Wunderlich 2004b]	Pa Baltic amber
1025. <i>Thereola pubescens</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
† <i>Trochanteridromulus</i> Wunderlich, 2004am	Palaeogene
1026. <i>Trochanteridromulus glabripes</i> Wunderlich, 2004am*	Pa Baltic amber
† <i>Trochanteridromus</i> Wunderlich, 2004am	Palaeogene
1027. <i>Trochanteridromus scutatus</i> Wunderlich, 2004am*	Pa Baltic amber
† <i>Veterator</i> Petrunkevitch, 1963	Neogene
1028. <i>Veterator angustus</i> Wunderlich, 1988	Ne Dominican amber
1029. <i>Veterator ascutum</i> Wunderlich, 1988	Ne Dominican amber
1030. <i>Veterator extinctus</i> Petrunkevitch, 1963*	Ne Chiapas amber
1031. <i>Veterator incompletus</i> Wunderlich, 1982	Ne Dominican amber
1032. <i>Veterator longipes</i> Wunderlich, 1988	Ne Dominican amber
1033. <i>Veterator loricatus</i> Wunderlich, 1988	Ne Dominican amber
1034. <i>Veterator porrectus</i> Wunderlich, 1988	Ne Dominican amber
1035. <i>Veterator viduus</i> Wunderlich, 1988	Ne Dominican amber
<i>Veterator</i> sp. 1–2 in Wunderlich (1988)	Ne Dominican amber
LAMPONIDAE Simon, 1893	Recent
no fossil record	
PRODIDOMIDAE Simon, 1884a	Quaternary – Recent
= MILTIIDAE Thorell, 1873 [based on a generic synonym]	
<i>Prodidomus</i> Hentz, 1847	Quaternary – Recent
1036. <i>Prodidomus madagascariensis</i> Wunderlich, 2011c	Qt Madagascar copal
GNAPHOSIDAE Pocock, 1898	?Cretaceous – Recent
= DRASSIDAE Sundevall, 1833 [based on a generic synonym]	
† <i>Captrix</i> Petrunkevitch, 1942	Palaeogene
1037. <i>Captrix lineata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
<i>Drassodes</i> Westring, 1851	Palaeogene – Recent
1038. <i>Drassodes cupreus</i> (Blackwall, 1834a) [Recent]	Qt England
1039. ? <i>Drassodes femurus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
1040. ? <i>Drassodes sextii</i> Berland, 1939	Pa Aix-en-Provence

† Drassyllinus Wunderlich, 1988	Neogene
1041. <i>Drassyllinus aliter</i> Wunderlich, 1988*	Ne Dominican amber
† Eognaphosops Wunderlich, 2011b	Palaeogene
1042. <i>Eognaphosops cryptoplanoides</i> Wunderlich 2011b*	Pa Baltic amber
† Eomactator Petrunkevitch, 1958	Palaeogene
1043. <i>Eomactator hamatus</i> Wunderlich, 2011b	Pa Baltic amber
1044. <i>Eomactator hirsutipes</i> Wunderlich, 2011b	Pa Baltic amber
1045. <i>Eomactator mactatus</i> Petrunkevitch, 1958*	Pa Baltic amber
1046. <i>Eomactator obscurior</i> Wunderlich, 2011b	Pa Baltic amber
Gnaphosa Latreille, 1804a	?Cretaceous – Recent
1047. <i>Gnaphosa affinis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Philodromus dubius</i> C. L. Koch & Berendt, 1854	
1048. <i>Gnaphosa ambigua</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1049. <i>Gnaphosa liaoningensis</i> Chang, 2004	
[generic assignment unreliable!]	K Jehol biota
Micaria Westring, 1851	Palaeogene – Recent
1050. <i>Micaria procera</i> C. L. Koch & Berendt, 1954	Pa Baltic amber
1051. <i>Micaria tenella</i> Heer, 1865	Ne Öhningen
† Palaeodrassus Petrunkevitch, 1922	Palaeogene
1052. <i>Palaeodrassus cockerelli</i> Petrunkevitch, 1922	Pa Florissant
1053. <i>Palaeodrassus florissantii</i> Petrunkevitch, 1922	Pa Florissant
1054. <i>Palaeodrassus hesternus</i> (Scudder, 1890a)	Pa Florissant
1055. <i>Palaeodrassus ingenuus</i> (Scudder, 1890a)*	Pa Florissant
1056. <i>Palaeodrassus interitus</i> (Scudder, 1890a)	Pa Florissant
Scopoides Platnick, 1989	Palaeogene – Recent
1057. <i>Scopoides dominicanus</i> Wunderlich, 2011g	Ne Dominican amber
Zelotes Gistel, 1848	Palaeogene
1058. <i>Zelotes concinna</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1059. <i>Zelotes mundula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Melanophora nobilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1060. <i>Zelotes regalis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Zelotetis Wunderlich, 2011b	Palaeogene
1061. <i>Zelotetis calefacta</i> Wunderlich, 2011b	Pa Baltic amber
SELENOPIDAE Simon, 1897a	Palaeogene – Recent
† Garcorops Corronca, 2003	Quaternary – Recent
1062. <i>Garcorops jadis</i> Bosselaers, 2004	Qt Madagascar copal
i. = ? <i>Anyphops cortex</i> Wunderlich, 2004as	Qt Madagascar copal
Selenops Latreille, 1819	Palaeogene – Recent
1063. <i>Selenops benoiti</i> Wunderlich, 2004as	Qt Madagascar copal
1064. <i>Selenops beynai</i> Schawaller, 1984	Ne Dominican amber

1065. <i>Selenops dominicanus</i> Wunderlich, 2004an	Ne Dominican amber
<i>Selenops</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
<i>Selenops</i> sp. <i>in</i> García-Villafuerte (2006b)	Ne Chiapas amber
<i>Selenops</i> sp. <i>in</i> Penney (2007)	Pa Le Quesnoy amber
SPARASSIDAE Bertkau, 1872	Palaeogene – Recent
= HETEROPODIDAE Thorell, 1873	
= MICROMMATIDAE Bertkau, 1878a	
= EUSPARASSIDAE Järvi, 1912	
Sparassidae sp. 1–2 <i>in</i> (Wunderlich 2008c)	Pa Baltic amber
† Caduceator Petrunkevitch, 1942	Palaeogene
1066. <i>Caduceator minutus</i> Petrunkevitch, 1942*	Pa Baltic amber
1067. <i>Caduceator quadrimaculatus</i> Petrunkevitch, 1950	Pa Baltic amber
† Collacteus Petrunkevitch, 1942	Palaeogene
1068. <i>Collacteus captivus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Eostaianus Petrunkevitch, 1950	Palaeogene
1069. <i>Eostaianus succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† Eostasina Petrunkevitch, 1942	Palaeogene
1070. <i>Eostasina aculeata</i> Petrunkevitch, 1942*	Pa Baltic amber
Eusparassus Simon 1903	Palaeogene – Recent
1071. <i>Eusparassus crassipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Heteropoda Latreille, 1804a	Palaeogene – Recent
= † <i>Retina</i> Hong, 1985	
1072. <i>Heteropoda rpbusta</i> [sic] (Hong, 1985)	Ne Shanwang
[NB: as ' <i>H. robusta</i> ' this would be a junior homonym of a living species.]	
Pseudosparianthis Simon, 1887	Neogene – Recent
1073. <i>Pseudosparianthis pfeifferi</i> (Wunderlich, 1988)	Ne Dominican amber
Zachria L. Koch, 1875	Palaeogene – Recent
[NB: An Australian genus; Wunderlich (2012c) regarded at least <i>Z. desiderabilis</i> as gen. indet.]	
1074. <i>Zachria desiderabilis</i> Petrunkevitch, 1950	Pa Baltic amber
1075. <i>Zachria peculiata</i> Petrunkevitch, 1946	Pa Baltic amber
1076. <i>Zachria restincta</i> Petrunkevitch, 1958	Pa Baltic amber
PHILODROMIDAE Thorell, 1870a	Cretaceous – Recent
Philodromidae sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Philodromidae sp. <i>in</i> Wunderlich (2004ae)	Ne Baltic amber
† Cretadromus Cheng, Shen & Gao, 2009	Cretaceous
1077. <i>Cretadromus liaoningensis</i> Cheng, Shen & Gao, 2009	K Liaoning Province
[NB: Wunderlich (2012d) suggested this could be a Theridosomatidae]	
† Eoathanatus Petrunkevitch, 1950	Palaeogene – Recent
1078. <i>Eoathanatus diritatis</i> 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. <i>in</i> Nishikawa (1974)	Qt Mizunami copal
Thomisidae gen. et sp. <i>in</i> Bottali (1975)	Qt Italy
Thomisidae gen. et sp. <i>in</i> Schawaller (1982 ^d)	Ne Willershausen
Thomisidae gen. et sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Thomisidae gen. et sp. 1–2 <i>in</i> Wunderlich (2004 ^{ap})	Pa Baltic amber
Thomisidae gen. et sp. <i>in</i> Garcíá-Villafuerte (2006 ^b)	Ne Chiapas amber
Coriarachne Thorell, 1870^b	Quaternary – Recent
<i>Coriarachne</i> sp. <i>in</i> Cutler (1970)	Qt Wyoming
† <i>Ecotona</i> Lin, Zhang & Wang, 1989 [ex Araneidae]	Neogene
1079. <i>Ecotona brunnea</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1080. <i>Ecotona pilulifera</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1081. <i>Ecotona transipeda</i> Lin, Zhang & Wang, 1989*	Ne Shanwang
† <i>Facundia</i> Petrunkevitch, 1942	Palaeogene
1082. <i>Facundia clara</i> Petrunkevitch, 1942*	Pa Baltic amber
† <i>Fiducia</i> Petrunkevitch, 1950	Palaeogene
1083. <i>Fiducia tenuipes</i> Petrunkevitch, 1950*	Pa Baltic amber
† <i>Filiolella</i> Petrunkevitch, 1955^a	Palaeogene
= † <i>Filiola</i> Petrunkevitch, 1942 [preoccupied]	
1084. <i>Filiolella argentata</i> (Petrunkevitch, 1942)*	Pa Baltic amber
† <i>Heterotmarus</i> Wunderlich, 1988	Neogene
1085. <i>Heterotmarus altus</i> Wunderlich, 1988*	Ne Dominican amber
† <i>Komisumena</i> Ono, 1981	Neogene
1086. <i>Komisumena rosae</i> Ono, 1981*	Ne Dominican amber
† <i>Miothomismus</i> Zhang, Sun & Zhang, 1994	Neogene
1087. <i>Miothomismus subnudus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1088. <i>Miothomismus sylvaticus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
<i>Misumena</i> Latreille, 1804^a	Palaeogene – Recent
1089. <i>Misumena samlandica</i> Petrunkevitch, 1942	Pa Baltic amber
† <i>Palaeoxysticus</i> Wunderlich, 1985	Neogene
1090. <i>Palaeoxysticus extinctus</i> Wunderlich, 1985	Ne Randecker Maar
† <i>Parvulus</i> Zhang, Sun & Zhang, 1994	Neogene
1091. <i>Parvulus latissimus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
† <i>Succinaenigma</i> Wunderlich, 2004^{ap}	Palaeogene
1092. <i>Succinaenigma raptor</i> Wunderlich, 2004 ^{ap} *	Pa Baltic amber
† <i>Succiniraptor</i> Wunderlich, 2004^{ao}	Palaeogene
1093. <i>Succiniraptor radiatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber

i. = <i>Succiniraptor paradoxus</i> Wunderlich, 2004ao*	Pa Baltic amber
Synema Simon, 1864	Palaeogene – Recent
1094. <i>Synema enigmaticum</i> Berland, 1939	Pa Aix-en-Provence
† Syphax C. L. Koch & Berendt, 1854	Palaeogene
1095. <i>Syphax asper</i> Petrunkevitch, 1950	Pa Baltic amber
1096. <i>Syphax crassipes</i> Petrunkevitch, 1942	Pa Baltic amber
1097. <i>Syphax fuliginosus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1098. <i>Syphax gracilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1099. <i>Syphax megacephalus</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
1100. <i>Syphax thoracicus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Thomisidites Straus, 1967	Neogene
1101. <i>Thomisidites hercynicus</i> , Straus, 1967*	Ne Willershausen
† Thomisiraptor Wunderlich, 2004ap	Palaeogene
1102. <i>Thomisiraptor liedtkei</i> Wunderlich, 2004ap*	Pa Baltic amber
Thomismus Walckenaer, 1805	Palaeogene – Recent
1103. <i>Thomismus defossus</i> Scudder, 1890a	Pa Florissant
1104. <i>Thomismus disjunctus</i> Scudder, 1890a	Pa Florissant
1105. <i>Thomismus lividus</i> Heer, 1865	Ne Öhningen
1106. <i>Thomismus resutus</i> Scudder, 1890a	Pa Florissant
1107. <i>Thomismus sulzeri</i> Heer, 1865	Ne Öhningen
Xysticus C. L. Koch, 1835	Palaeogene – Recent
1108. ? <i>Xysticus annulipes</i> Bertkau, 1878b	Ne Rott, Germany
1109. <i>Xysticus archaeopalpus</i> Leech & Matthews, 1971	Ne Alaska
1110. <i>Xysticus oeningensis</i> (Heer, 1865)	Ne Öhningen
<i>Xysticus</i> 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 (1982d)	Ne Willershausen
Salticidae incertae sedis in Selden (2014b)	Pa Isle of Wight
† Almolinus Petrunkevitch, 1958	Palaeogene
1111. <i>Almolinus bitterfeldensis</i> Wunderlich, 2004aq	Pa Bitterfeld amber
1112. <i>Almolinus clarus</i> Petrunkevitch, 1958*	Pa Baltic amber
1113. <i>Almolinus ligula</i> Wunderlich, 2004aq	Pa Baltic amber
? <i>Almolinus</i> sp. in Wunderlich (2004aq)	Pa Baltic amber
† Attoides Brongniart, 1877	Palaeogene
1114. <i>Attoides eresiformis</i> Brongniart, 1877	Pa Aix-en-Provence
† Calilinus Wunderlich, 2004aq	Palaeogene
1115. <i>Calilinus fleissneri</i> Wunderlich, 2004aq*	Pa Baltic amber
† Cenattus Petrunkevitch, 1942	Palaeogene

1116. <i>Cenattus exophthalmicus</i> Petrunkevitch, 1942*	Pa Baltic amber
Corythalia C. L. Koch, 1851	Neogene – Recent
1117. <i>Corythalia ocululiter</i> Wunderlich, 1988	Ne Dominican amber
1118. <i>Corythalia pilosa</i> Wunderlich, 1982	Ne Dominican amber
1119. <i>Corythalia scissa</i> Wunderlich, 1988	Ne Dominican amber
† Descangeles Wunderlich, 1988	Neogene
1120. <i>Descangeles pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
<i>Descangeles</i> sp. 1–2 in Wunderlich (1988)	Ne Dominican amber
Descanso Peckham & Peckham, 1892	Neogene – Recent
<i>Descanso</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Distanilinus Wunderlich, 2004aq	Palaeogene
1121. <i>Distanilinus filum</i> Wunderlich, 2004aq	Pa Baltic amber
1122. <i>Distanilinus nutus</i> Wunderlich, 2004aq*	Pa Baltic amber
1123. <i>Distanilinus paranutus</i> Wunderlich, 2004aq	Pa Baltic amber
1124. <i>Distanilinus pernutus</i> Wunderlich, 2004aq	Pa Baltic amber
† Eoattopsis Gourret, 1887	Palaeogene
1125. <i>Eoattopsis hirsutus</i> Gourret, 1887*	Pa Aix-en-Provence
† Eolinus Petrunkevitch, 1942	Palaeogene
1126. <i>Eolinus balticus</i> Žabka, 1988	Pa Baltic amber
1127. <i>Eolinus fungus</i> Wunderlich, 2004aq	Pa Baltic amber
1128. <i>Eolinus insuriens</i> Wunderlich, 2004aq	Pa Baltic amber
1129. <i>Eolinus prominens</i> Wunderlich, 2004aq	Pa Baltic amber
1130. <i>Eolinus samlandica</i> Wunderlich, 2004aq	Pa Baltic amber
1131. <i>Eolinus succineus</i> Petrunkevitch, 1942*	Pa Baltic amber
1132. <i>Eolinus theryi</i> Petrunkevitch, 1942	Pa Baltic amber
1133. <i>Eolinus theryoides</i> Wunderlich, 2004aq	Pa Baltic amber
1134. <i>Eolinus tystschenkoi</i> Proszynski & Žabka, 1980	Pa Baltic amber
1135. <i>Eolinus vates</i> Wunderlich, 2004aq	Pa Baltic amber
<i>Eolinus</i> sp. in Wunderlich (2004aq)	Pa Baltic amber
Euophrys C. L. Koch, 1834	Palaeogene – Recent
1136. <i>Euophrys gibberula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1137. <i>Euophrys randeckensis</i> Schawaller & Ono, 1979	Ne Randecker Maar
† Evagoratus Zhang, Sun & Zhang, 1994	Neogene
1138. <i>Evagoratus longicruris</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
† Gorgopsidis Wunderlich, 2004aq	Palaeogene
1139. <i>Gorgopsidis bechlyi</i> Wunderlich, 2004aq*	Pa Baltic amber
† Gorgopsina Petrunkevitch, 1955a	Palaeogene
1140. <i>Gorgopsina amabilis</i> Wunderlich, 2004aq	Pa Baltic amber
1141. <i>Gorgopsina constricta</i> Wunderlich, 2004aq	Pa Baltic amber
1142. <i>Gorgopsina expandens</i> Wunderlich, 2004aq	Pa Baltic amber
1143. ‘ <i>Gorgopsina</i> ’ <i>fasciata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber

1144. <i>Gorgopsina flexuosa</i> Wunderlich, 2004aq	Pa Baltic amber
1145. <i>Gorgopsina formosa</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1146. <i>Gorgopsina fractura</i> Wunderlich, 2004ar	Pa Rovno amber
1147. <i>Gorgopsina frenata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
1148. <i>Gorgopsina inclusa</i> Wunderlich, 2004aq	Pa Baltic amber
1149. <i>Gorgopsina jucunda</i> (Petrunkevitch, 1942)	Pa Baltic amber
1150. <i>Gorgopsina marginata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1151. <i>Gorgopsina melanocephala</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1152. <i>Gorgopsina naumanni</i> Giebel, 1856	Pa Baltic amber
1153. <i>Gorgopsina paulula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1154. <i>Gorgopsina rectangularis</i> Wunderlich, 2011h	Pa Baltic amber
1155. <i>Gorgopsina speciosa</i> Wunderlich, 2004aq	Pa Baltic amber
Heliophanus C. L. Koch, 1833	Palaeogene – Recent
1156. <i>Heliophanus extinctus</i> Berland, 1939	Pa Aix-en-Provence
Hyllus C. L. Koch, 1846	Quaternary – Recent
= † <i>Parevophrys</i> Petrunkevitch, 1942	
1157. <i>Hyllus succini</i> (Petrunkevitch, 1942)	Qt Copal
Originally described as Baltic amber	
Lyssomanes Hentz, 1845	Neogene – Recent
1158. <i>Lyssomanes pristinus</i> Wunderlich, 1986	Ne Dominican amber
i. = <i>Lyssomanes galianoae</i> Reiskind, 1989	Ne Dominican amber
1159. <i>Lyssomanes pulcher</i> Wunderlich, 1988	Ne Dominican amber
Maevia C. L. Koch, 1846	?Neogene – Recent
? <i>Maevia</i> sp. in Riquelme & Hill (2013)	Ne Chiapas amber
† Microlinus Wunderlich, 2004aq	Palaeogene
1160. <i>Microlinus calidus</i> Wunderlich, 2004aq	Pa Baltic amber
1161. <i>Microlinus folium</i> Wunderlich, 2004aq*	Pa Baltic amber
Myrmarachne MacLeay, 1839	Quaternary – Recent
= † <i>Entomocephalus</i> Holl, 1829 [suppressed; see ICZN Opinion 2258]	
1162. <i>Myrmarachne formicoides</i> (Holl, 1829)	?Qt Copal [?not amber]
Neon Simon, 1876a	Quaternary – Recent
1163. <i>Neon ?reticulatus</i> (Blackwall, 1853) [Recent]	Qt England
† Paralinus Petrunkevitch, 1942	Palaeogene
1164. <i>Paralinus crosbyi</i> Petrunkevitch, 1942*	Pa Baltic amber
† Pensacolatus Wunderlich, 1988	Neogene
1165. <i>Pensacolatus coxalis</i> Wunderlich, 1988*	Ne Dominican amber
1166. <i>Pensacolatus spinipes</i> Wunderlich, 1988	Ne Dominican amber
1167. ? <i>Pensacolatus tibialis</i> Wunderlich, 2004aq	Ne Dominican amber
<i>Pensacolatus</i> sp. in Wunderlich (1988)	Ne Dominican amber
Phidippus C. L. Koch, 1846	Palaeogene
1168. <i>Phidippus impressus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber

1169. *Phidippus pusillus* C. L. Koch & Berendt, 1854 Pa Baltic amber
- † ***Phlegrata* Wunderlich, 1988** **Neogene**
1170. *Phlegrata pala* Wunderlich, 1988* Ne Dominican amber
- † ***Prolinus* Petrunkevitch, 1958** **Palaeogene**
1171. *Prolinus fossilis* Petrunkevitch, 1958* Pa Baltic amber
- † ***Salticidites* Straus, 1967** **Neogene**
1172. *Salticidites hercynicus* Straus 1967* Ne Willershausen
- Sarinda* Peckham & Peckham, 1892** **Neogene – Recent**
- ?*Sarinda* sp. in Wunderlich (2004aq) Ne Dominican amber
- † ***Steneattus* Bronn, 1856** **Palaeogene**
- = † *Leda* C. L. Koch & Berendt, 1854 [preoccupied]
1173. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
- Thiodina* Simon, 1900** **Neogene**
1174. *Thiodina beugelorum* Wolff, 1990 Ne Dominican amber
- Araneomorphae incertae sedis**
- † ***Elvina* Thorell, 1870b** **Neogene**
1175. *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**
1176. *Amphiclotho breviscula* Gourret, 1887* Pa Aix-en-Provence
- † ***Amphithomismus* Gourret, 1887** **Palaeogene**
1177. *Amphithomismus barbatus* Gourret, 1887* Pa Aix-en-Provence
- † ***Atocatle* Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?]..... **Cretaceous**
1178. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* K Puebla, México
- † ***Cercidiella* Gourret, 1887** **Palaeogene**
1179. *Cercidiella aquisextana* Gourret, 1887* Pa Aix-en-Provence
- † ***Clubionella* Gourret, 1887** **Palaeogene**
1180. *Clubionella antiqua* Gourret, 1887* Pa Aix-en-Provence
- † ***Eresoides* Gourret, 1887** **Palaeogene**
1181. *Eresoides orbicularis* Gourret, 1887* Pa Aix-en-Provence
- † ***Hersilioides* Gourret, 1887** **Palaeogene**
1182. *Hersilioides thanatiformis* Gourret, 1887* Pa Aix-en-Provence
- † ***Opisthophylax* Menge, 1856** **Palaeogene**
1183. *Opisthophylax exarata* Menge, 1856* Pa Baltic amber
- † ***Prodysdera* Gourret, 1887** **Palaeogene**
1184. *Prodysdera intermedia* Gourret, 1887* Pa Aix-en-Provence
- † ***Protochersis* Gourret, 1887** **Palaeogene**
1185. *Protochersis spinosus* Gourret, 1887* Pa Aix-en-Provence

† Protolachesis Gourret, 1887	Palaeogene
1186. <i>Protolachesis annulata</i> Gourret, 1887*	Pa Aix-en-Provence
† Paralycosa Dunlop & Jekel, 2009	Palaeogene
= † <i>Protolycosa</i> Gourret, 1887 [preoccupied]	
1187. <i>Paralycosa attiformis</i> (Gourret, 1887)*	Pa Aix-en-Provence
† Pseudothomisus Gourret, 1887	Palaeogene
1188. <i>Pseudothomisus articulatus</i> Gourret, 1887*	Pa Aix-en-Provence
† Schellenbergia Heer, 1865	Neogene
1189. <i>Schellenbergia rotundata</i> Heer, 1865*	Ne Öhningen
† Timeropus Thorell, 1891	Palaeogene
= † <i>Lycosoides</i> Gourret, 1887 [preoccupied]	
1190. <i>Timeropus hersiliformis</i> (Gourret, 1887)*	Pa Aix-en-Provence

NOMINA DUBIA

Amaurobius C. L. Koch, 1837 [no currently valid fossil species]	
1. <i>Amaurobius faustus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
2. <i>Amaurobius rimosus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
Auximus Simon, 1892 [now <i>Lathys</i> Simon, 1884: Dictynidae; no currently valid fossil species]	
3. <i>Auximus fossilis</i> Petrunkevitch, 1950	Pa Baltic amber
4. <i>Auximus succini</i> Petrunkevitch, 1942	Pa Baltic amber
† Clythia C. L. Koch & Berendt, 1854 (<i>nomen dubium</i>)	Palaeogene
5. <i>Clythia alma</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
† Corynitoides Dunlop & Jekel, 2009 (<i>nomen dubium</i>)	Palaeogene
= † <i>Corynitis</i> Menge in C. L. Koch & Berendt, 1854 [preoccupied]	
6. <i>Corynitoides spinosa</i> (Menge in C. L. Koch & Berendt, 1854)*	Pa Baltic amber
7. <i>Corynitoides undulata</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Eocryphoeca Petrunkevitch, 1958 [also contains valid fossil species]	
8. <i>Eocryphoeca distincta</i> Petrunkevitch, 1950	Pa Baltic amber
9. <i>Eocryphoeca fossilis</i> (Petrunkevitch, 1942)	Pa Baltic amber
† Eometa Petrunkevitch, 1958 [also contains valid fossil species]	
10. <i>Eometa aberrans</i> Petrunkevitch, 1958	Pa Baltic amber
11. <i>Eometa robusta</i> Petrunkevitch, 1958	Pa Baltic amber
Ero C. L. Koch 1836 [also contains valid fossil species]	
12. <i>Ero setulosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Fictotama Petrunkevitch, 1963 (<i>nomen dubium</i>)	Palaeogene
13. <i>Fictotama extincta</i> Petrunkevitch, 1963*	Ne Chiapas amber
† Memoratrix Petrunkevitch, 1942 (<i>nomen dubium</i>)	Palaeogene
NB: Regarded by Wunderlich (2004 <i>p</i>) as a possible pimoid or linyphiid	
14. <i>Memoratrix rydei</i> Petrunkevitch, 1942	Pa Baltic amber
† Mimetarchaea Eskov, 1992	Palaeogene
15. <i>Mimetarchaea gintaras</i> Eskov, 1992*	Pa Baltic amber

NB: Name based on a subadult male

- † **Miropholcus Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
 = † *Miropholcus* 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, 2004q** **Palaeogene**
19. *Praeoarces exitus* Wunderlich, 2004q* 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 gracilentata* 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, 2004aq Pa Baltic amber
24. *Eolinus tystschenkoides* Wunderlich, 2004aq 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 menzei* 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] **Palaeogene**
7. *Oichnus bavincourti* (Vaillant, 1909) [at one stage placed in *Cteniza*] Pa Northern France
- † **Palpipes Roth, 1854** **Jurassic**
8. *Palpipes cursor* Roth, 1854 [crustacean] J Solnhofen
- † **Palaeocteniza Hirst, 1923** **Devonian**
9. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] D Rhynie chert
- † **Pleurolycosa Frič, 1904** **Carboniferous**
10. *Pleurolycosa prolifera* (Frič, 1901)* [unidentifiable] C Nýřany

44,540 Recent species according to Platnick (2014)

HAPTOPODA

1 currently valid species of fossil haptopodid

† HAPTOPODA Pocock, 1911	Carboniferous
† PLESIOSIRONIDAE Pocock, 1911	Carboniferous
† <i>Plesiosiro</i> Pocock, 1911	Carboniferous
1. <i>Plesiosiro madeleyi</i> 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, 1945a	
PALAEOAMBLYPYGI Weygoldt, 1996 (suborder)	Carbon. – Recent
family uncertain	
† Sorellophrynus Harvey, 2002	Carboniferous
= † <i>Protophrynus</i> Petrunkevitch, 1913 (preoccupied)	
1. <i>Sorellophrynus carbonarius</i> (Petrunkevitch, 1913)*	C Mazon Creek
† Thelyphrynus Petrunkevitch, 1913	Carboniferous
2. <i>Thelyphrynus elongatus</i> Petrunkevitch, 1913	C Mazon Creek
PARACHARONTIDAE Weygoldt, 1996	Carbon. – Recent
† Graeophonus Scudder, 1890b	Carboniferous
3. <i>Graeophonus anglicus</i> Pocock, 1911	C Coseley
4. <i>Graeophonus carbonarius</i> (Scudder, 1876)*	C Cape Breton
5. <i>Graeophonus scudderi</i> 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, 1892a	Recent
no fossil record	
PHRYNOIDEA Blanchard, 1852	Cretaceous – Recent
PHRYNICHIDAE Simon, 1892a	Recent
no fossil record	
PHRYNIDAE Blanchard, 1852	Cretaceous – Recent
= † ELECTROPHRYNIDAE Petrunkevitch, 1971	
† Britopygus Dunlop & Martill, 2002	Cretaceous
6. <i>Britopygus weygoldti</i> Dunlop & Martill, 2002	K Crato Formation
† Electrophrynus Petrunkevitch, 1971	Neogene
7. <i>Electrophrynus mirus</i> Petrunkevitch, 1971	Ne Chiapas amber
Phrynus Lamarck, 1801	Neogene – Recent

8. *Phrynus mexicana* Poinar & Brown, 2004 Ne Chiapas amber
9. *Phrynus resinae* (Schawaller, 1979b) Ne Dominican amber

NOMEN DUBIUM

1. *Phrynus fossilis* Keferstein, 1834 Pa Aix-en-Provence
 - i. = *Phrynus marioni* Gourret, 1887 Pa Aix-en-Provence

136 Recent species according to Harvey (2003)

UROPYGI

7 currently valid species of fossil whip scorpion

UROPYGI Thorell, 1882 Carbon. - Recent

= THELYPHONIDA Latreille, 1804b

= UROTRICHA C. L. Koch, 1851

= OXOPOEI Thorell, 1888

= HOLOPELTIDIA Börner, 1902

plesion genera

† *Geralinura* Scudder, 1884 Carboniferous

1. *Geralinura britannica* Pocock, 1911 C Coseley
2. *Geralinura carbonaria* Scudder, 1884* C Mazon Creek
 - i. = *Geralinura gigantea* Petrunkevitch, 1913 C Mazon Creek
 - ii. = *Geralinura similis* Petrunkevitch, 1913 C Mazon Creek

† *Parageralinura* Tetlie & Dunlop, 2008 Carboniferous

3. *Parageralinura naufraga* (Brauckmann & Koch, 1983) C Hagen-Vorhalle
4. *Parageralinura neerlandicus* Laurentiaux-Viera & Laurentiaux, 1961..... C Limburg

† *Proschizomus* Dunlop & Horrocks, 1996 Carboniferous

5. *Proschizomus petrunkevitchi* Dunlop & Horrocks, 1996 C Coseley

† *Prothelyphonus* Frič, 1904 Carboniferous

6. *Prothelyphonus bohemicus* (Kušta, 1884b) 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

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, 1945b	Palaeogene – Recent
= TARTARIDES Thorell, 1888 (tribe)	
= COLOPYGA Cook, 1899 (order)	
= SCHIZOPELTIDA Börner, 1902 (tribe)	
† CALCITRONIDAE Petrunkevitch, 1945b	Palaeogene – Neogene
† <i>Calcitro</i> Petrunkevitch, 1945b	Palaeogene – Neogene
1. <i>Calcitro fisheri</i> Petrunkevitch, 1945b*	Ne Onyx Marble
2. <i>Calcitro oplonis</i> Lin in Lin et al., 1988	Pa Shandong, China
HUBBARDIIDAE Cook, 1899	Neogene – Recent
<i>Antillostenochrus</i> Armas and Teruel, 2002	Neogene – Recent
3. <i>Antillostenochrus pseudoannulatus</i> (Krüger & Dunlop, 2010)	Ne Dominican Amber
† <i>Calcoschizomus</i> Pierce, 1951	Neogene
4. <i>Calcoschizomus latisternum</i> Pierce, 1951	Ne Onyx Marble
† <i>Onychothelyphonus</i> Pierce, 1950	Neogene
5. <i>Onychothelyphonus bonneri</i> Pierce, 1950	Ne Onyx Marble
<i>Rowlandius</i> Reddell & Cokendolpher, 1995	Neogene – Recent
6. <i>Rowlandius velteni</i> (Krüger & Dunlop, 2010)	Ne Dominican Amber
PROTOSCHIZOMIDAE Rowland, 1975	Recent
no fossil record	

267 Recent species according to Harvey (pers. comm. 2009)

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