



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,
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INTRODUCTION

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

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

We aim to reflect the latest published opinions on the taxonomy of fossil species. A caveat here is that some 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.

PRINCIPAL CHANGES SINCE THE LAST UPDATE

Due to the COVID pandemic updates were not made as regularly as usual, thus the present version covers more than 2 years. Important changes include Paul Selden's 2021 revision of the Palaeozoic spiders, in which several taxa were removed from Araneae, David Penney's 2020 catalogue of Baltic amber spiders, which recognised several taxa as *nomina dubia*, and a number of new Burmese amber spider descriptions by Jörg Wunderlich in 2020 and Jörg Wunderlich and Patrick Müller in 2021 and 2022. Numerous new records, mostly in amber, have also been added for scorpions, pseudoscorpions, harvestmen, mites and ticks. New fossil sea spiders have also been added. Several rearrangements and synonymys in the taxonomy of horseshoe crabs have also been published.

ACKNOWLEDGMENTS

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EXPLANATIONS

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

Stratigraphical abbreviations:

pЄ = Precambrian, Є = Cambrian, O = Ordovician, S = Silurian, D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

PYCNOGONIDA

13 currently valid species of fossil sea spider

- higher systematics and nomenclature of the extant taxa follow the WoRMs database
- phylogenetic arrangement largely based on Ballesteros *et al.* (2021)

PYCNOGONIDA Latreille, 1810 Cambrian – Recent

= ARACHNOPODA Dana, 1853

- † **Cambropycnogon Waloszek & Dunlop, 2002** **Cambrian**
1. *Cambropycnogon klausmuelleri* Waloszek & Dunlop, 2002* C 'Orsten', Sweden
immature instar; pycnogonid affinities were questioned by Bamber (2007)
- † **Haliestes Siveter, Sutton, Briggs & Siveter, 2004** **Silurian**
2. *Haliestes dasos* Siveter, Sutton, Briggs & Siveter, 2004* S Herefordshire Lgst.
in some phylogenies *Haliestes* resolves in a more derived position among the Eupantopodida
- † **Flagellopantopus Poschmann & Dunlop, 2006** **Devonian**
3. *Flagellopantopus blocki* Poschmann & Dunlop, 2006* D Hunsrückschiefer
- † **Palaeomarachne Rudkin, Cuggy, Young & Thompson, 2013** **Ordovician**
4. *Palaeomarachne granulata* Rudkin, Cuggy, Young & Thompson, 2013* O Mantobia, Canada
- † **Pentapantopus Kühl, Poschmann & Rust, 2013** **Devonian**
5. *Pentapantopus vogteli* Kühl, Poschmann & Rust, 2013* D Hunsrückschiefer
- † **PALAEOISOPODIDAE Dubinin, 1957** **Devonian**
- † **Palaeoisopus Broili, 1928** **Devonian**
6. *Palaeoisopus problematicus* Broili, 1928* D Hunsrückschiefer
- † **PALAEOPANTOPODIDAE Broili, 1930** **Devonian**
- † **Palaeopantopus Broili, 1928** **Devonian**
7. *Palaeopantopus maucheri* Broili, 1928* D Hunsrückschiefer
- PANTOPODA Gerstaecker, 1863 (order)** **Devonian – Recent**
- = PEGMATA Fry, 1978
- family/superfamily uncertain**
- † **Palaeothea Bergström, Stürmer & Winter, 1980** **Devonian**
8. *Palaeothea devonica* Bergström, Stürmer & Winter, 1980* D Hunsrückschiefer

- STIRIPASTERIDA Fry, 1978 (suborder)** **Recent**
AUSTRODECIDAE Stock, 1954 **Recent**
 no fossil record
- EUPANTOPODIDA Fry, 1978 (suborder)** **Jurassic – Recent**
RHYNCHOTHORACOIDEA Fry, 1978 **Recent**
RHYNCHOTHORACIDAE Thompson, 1909 **Recent**
 no fossil record
- PYCNOGONOIDEA Pocock, 1904** **Recent**
PYCNOGONIDAE Wilson, 1878 **Recent**
 no fossil record
- COLOSSENDEIDOIDEA Hoek, 1881** **?Jurassic – Recent**
COLOSSENDEIDAE Hoek, 1881 **?Jurassic – Recent**
 = PASITHOIDAE Sars, 1891
 = RHOPALORHYNCHIDAE Fry, 1978
 † ***Colossopantopodus* Charbonnier, Vannier & Riou, 2007** **Jurassic**
 tentative famial referal
 9. *Colossopantopodus boissinensis* Charbonnier, Vannier & Riou, 2007* . J La Voulte-sur-Rhône
 10. *Colossopantopodus nanus* Sabroux, Audo, Charbonnier, Corbari &
 Hassanin, 2019 J Solnhofen
- PHOXICHILIDOIDEA Sars, 1891** **?Jurassic – Recent**
ENDEIDAE Norman, 1904 **?Jurassic – Recent**
 † ***Palaeoendeis* Charbonnier, Vannier & Riou, 2007** **Jurassic**
 tentative famial referal
 11. *Palaeoendeis elmii* Charbonnier, Vannier & Riou, 2007* J La Voulte-sur-Rhône
- PHOXICHILIDIIDAE Sars, 1891** **Recent**
 = ANOPLODACTYLIDAE Fry, 1978
 = PHOXIPHILYRIDAE Fry, 1978
 no fossil record
- ASCHORHYNCHOIDEA Pocock, 1904** **Jurassic – Recent**
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**

tentative famial referal

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

ASCORHYNCHIDAE Hoek, 1881 **Jurassic – Recent**

Eurycyde Schiödte, 1857 **Jurassic – Recent**

13. ?*Eurycyde golem* Sabroux, Audo, Charbonnier, Corbari & Hassanin,
2019 J Solnhofen

NYMPHONOIDEA Pocock, 1904 **Recent**

CALLIPALLENIDAE Hilton, 1942 **Recent**

- = PALLEENIDAE Wilson, 1878 [*Pallene* is a preoccupied genus]
- = CHEILAPALLENIDAE Fry, 1978
- = CLAVIGEROPALLENIDAE Fry, 1978
- = HANNONIDAE Fry, 1978
- = METAPALLENIDAE Fry, 1978
- = QUEUBIDAE Fry, 1978
- = STYLOPALLEENIDAE Fry, 1978

no fossil record

NYMPHONIDAE Wilson, 1878 **Recent**

no fossil record

PALLENOPSIDAE Fry, 1978 **Recent**

no fossil record

MISIDENTIFICATIONS

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

c. 1,300 Recent species

(EU)CHELICERATA

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

- *Sanctacaris* has been recovered as an early chelicerate in some phylogenetic studies – most recently by Legg (2014) – although this interpretation is not universal
- Other authors such as Aria & Bernard (2019) place genera such as *Habelia* Walcott, 1912 and *Mollisonia* Walcott, 1912 within, or close to, Chelicerata
- resting impressions imply that Chasmataspida were probably present in the late Cambrian

CHELICERATA Heymons, 1901 ?Cambrian – Recent

- † *Sanctacaris* Briggs & Collins, 1988 Cambrian
1. *Sanctacaris uncata* Briggs & Collins, 1988* C Burgess Shale

EUCHELICERATA Weygoldt & Paulus, 1979 ?Cambrian – Recent

STEM-EUCHELICERATA?

- † *Offacolus* Orr, Siveter, Briggs, Siveter & Sutton, 2000 Silurian
- usually resolved as basal euchelicerate
2. *Offacolus kingi* Orr, Siveter, Briggs, Siveter & Sutton, 2000* S Herefordshire Lgst.
- † *Dibasterium* Briggs, Siveter, Siveter, Sutton, Garwood & Legg, 2012 Silurian
- described as a horseshoe crab, put placed in some studies as a basal euchelicerate
3. *Dibasterium durgae* Briggs, Siveter, Siveter, Sutton, Garwood & Legg, 2012* S Herefordshire Lgst.

EUCHELICERATA INCERTAE SEDIS

- † *Houia* Selden, Lamsdell & Qi, 2015 Devonian
- described as sharing features with both horseshoe crabs and eurypterids
4. *Houia guangxiensis* Wang, Lei, Zhang, Jarzembowski & Xu, 2021 D Guangxi, China
5. *Houia yueya* Lamsdell, Xue & Selden, 2013* D Yunann, China
- † *Polystomurum* Novojilov, 1958 Devonian
6. *Polystomurum stormeri* Novojilov, 1958* D Voroneje, Siberia
- † *Thurandina* Størmer, 1974 Devonian
7. *Thurandina waterstoni* Størmer, 1974* D Alken an der Mosel

XIPHOSURA *s. lat.*

105 currently valid species traditionally assigned to horseshoe crabs, of which 84 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 Ordovician? – Recent

FAMILY UNSPECIFIED

- undetermined synziphosurine *in* Poschmann & Francke (2006) D Waxweiler, Germany
- † ***Anderella* Moore, McKenzie & Lieberman, 2007** **Carboniferous**
1. *Anderella parva* Moore, McKenzie & Lieberman, 2007* C Bear Gulch
- † ***Borchgrevinkium* Novojilov, 1959** **Devonian**
2. *Borchgrevinkium taimyrensis* Novojilov, 1959* D Taimyr, Siberia
- † ***Camanchia* Moore, Briggs, Braddy & Shultz, 2011** **Silurian**
3. *Camanchia grovensis* Moore, Briggs, Braddy & Shultz, 2011* S Scotch Grove, Iowa
- † ***Legrandella* Eldredge, 1974** **Devonian**
4. *Legrandella lombardii* Eldredge, 1974* D Cochabamba, Bolivia
- † ***Venustulus* Moore, 2005 *in* Moore *et al.*** **Silurian**
5. *Venustulus waukeshaensis* Moore, 2005 *in* Moore *et al.** S Waukesha Lgst.
- † **WEINBERGINIDAE Richter & Richter, 1929** **Devonian**
- † ***Weinbergina* Richter & Richter, 1929** **Devonian**
6. *Weinbergina opitzi* Richter & Richter, 1929* D Hunsrückschiefer

PLANATERGA Lamsdell, 2013a Silurian – Recent

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

FAMILY UNSPECIFIED

- † ***Bembicosoma* Laurie, 1899** **Silurian**
7. *Bembicosoma pomphicus* Laurie, 1899* S Pentland hills
- † ***Cyamocephalus* Currie, 1927** **Silurian**
8. *Cyamocephalus loganensis* Currie, 1927* S Lesmahagow
- † ***Pseudoniscus* Nieszkowski, 1859** **Silurian**
- = † *Neolimulus* Woodward, 1868a
9. *Pseudoniscus aculeatus* Nieszkowski, 1859* S Saaremaa

10. *Pseudoniscus clarkei* Ruedemann, 1916 S Pittsford, New York
 11. *Pseudoniscus falcatus* (Woodward, 1868a) S Lesmahagow
 12. *Pseudoniscus roosevelti* Clarke, 1902 S 'Bertie Waterlime'
 † **Bunaia 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

XIPHOSURA Latreille, 1802 **Ordovician – Recent**

= MEROSTOMATA Dana, 1852

systematics primarily follow Lamsdell (2020a)

FAMILY UNSPECIFIED

- † **Lunataspis Rudkin, Young & Nowlan, 2008** **Ordovician**
 21. *Lunataspis aurora* Rudkin, Young & Nowlan, 2008 O Manitoba
- † **Maldybulakia Tesakov & Alekseev, 1998** **Devonian**
 = † *Lophodesmus* Tesakov & Alekseev, 1992 [preoccupied]
 originally described as possible myriapods; not included under Xiphosura by Lamsdell (2020a)
 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
 resembles *Maldybulakia* – could be an artiopod; see comments in Lamsdell (2020b)

- † **KASIBELINURIDAE Pickett, 1993** **Devonian**
 = † **ELLERIDAE Raymond, 1944**
- † ***Kasibelinurus* Pickett, 1993** **Devonian**
 26. *Kasibelinurus amicorum* Pickett, 1993* D New South Wales
- † ***Pickettia* Bicknell, Lustri & Broughman, 2019** **Devonian**
 27. *Pickettia carterae* (Eller, 1940)* D Pennsylvania
- XIPHOSURIDA Latreille, 1802** **Devonian – Recent**
- † **BELINURINA Zittel & Eastman, 1913** **Carboniferous**
- † **BELINURIDAE Zittel & Eastman, 1913** **Carboniferous**
 = † **EUPROOPIDAE Eller, 1938b**
 = † **LIOMESASPIDIDAE Raymond, 1944**
- † ***Alanops* Racheboeuf *et al.*, 2002** **Carboniferous**
 28. *Alanops magnifica* Racheboeuf *et al.*, 2002 C Montceau-les-Mines
- † ***Anacontium* Raymond, 1944** **Permian**
 29. *Anacontium brevis* Raymond, 1944 P Oklahoma
 30. *Anacontium carpenteri* Raymond, 1944 P Oklahoma
- † ***Andersoniella* Lamsdell, 2020a** **Carboniferous**
 31. *Andersoniella longispina* (Packard, 1885)* C Mazon Creek
- † ***Belinurus* Bronn, 1839** **Carboniferous**
 = † *Bellinurus* Pictet, 1846
 = † *Steropsis* Baily, 1869
 = † *Koenigiella* Raymond, 1944
 = † *Macrobelinurus* Lamsdell, 2020a
 = † *Parabelinurus* Lamsdell, 2020a
- the authorship and spelling of *Belinurus* follows Lamsdell & Clapham (2021) and the following scheme is based on the synonymies summarized by Lamsdell (2022)
32. ?*Belinurus iswariensis* (Chernyshev, 1928) [merits restudy] C Donetz Basin
 33. ?*Belinurus kiltorkensis* Baily, 1869 [carapace only] C Coal Measures
 34. *Belinurus lacoeyi* Packard, 1885 C Mazon Creek
 35. ?*Belinurus metschetensis* (Chernyshev, 1928) [merits restudy] C Donetz Basin
 36. *Belinurus silesiacus* (Roemer, 1883) C Silesia, Poland
 37. *Belinurus* [*sic*] *sinicus* Hong, 1979 C Shanxi, China
 38. ?*Belinurus stepanovi* (Chernyshev, 1928) [merits restudy] C Donetz Basin
 39. *Belinurus sustai* (Prantl & Přibyl, 1955) C Coal Measures
 40. *Bellinurus trilobitoides* (Buckland, 1837)* C Coalbrookdale, UK
 i. = *Bellinurus baldwini* Woodward, 1907b C Coal Measures
 ii. = *Belinurus bellulus* König, 1851 C Coalbrookdale, UK
 iii. = *Bellinurus carwayensis* Dix & Pringle, 1929 C South Wales, UK
 iv. = *Belinurus concinnus* Dix & Pringle, 1929 C South Wales, UK
 v. = *Bellinurus grandaevus* Jones & Woodward, 1899 C Nova Scotia
 vi. = *Belinurus koenigianus* Woodward, 1872a C Coal Measures

- vii. = *Bellinurus longicaudatus* Woodward, 1907b C Coal Measures
viii. = *Bellinurus pustulosus* Dix & Pringle, 1929 C South Wales, UK
ix. = *Bellinurus morgani* Dix & Pringle, 1930 C South Wales, UK
x. = *Belinurus reginae* Baily, 1863 C Coal Measures
xi. = *Belinurus trechmanni* Woodward, 1918 C Coal Measures
xii. = *Bellinurus truemani* Dix & Pringle, 1929 C South Wales, UK
xiii. = *Parabelinurus lunatus* (Baldwin, 1905) C Mansfield, UK
Martin's (1809) useage of this species name was supressed by the ICZN
xiv. = *Steropsis arcuatus* Baily, 1863 C Coal Measuers
- † **Euproops Meek, 1867** **Carboniferous**
41. *Euproops bifidus* Siegfried, 1972 C Coal Measures
42. *Euproops danae* (Meek & Worthen, 1865)* C Coal Measures
 i. = *Euproops amiae* Woodward, 1918 C Coal Measures
 ii. = *Euproops darrahi* Raymond, 1944 C Coal Measures
 iii. = *Euproops graigolae* Dix & Pringle, 1929 C South Wales
 iv. = *Euroops gwentii* Dix & Pringle, 1929 C South Wales
 v. = *Euproops islwyni* Dix & Pringle, 1929 C South Wales
 vi. = *Euproops kilmersdonensis* Ambrose & Romano, 1972C 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. = *Euproops thompsoni* Raymond, 1944 C Coal Measures
 xi. = *Prestwichia (Euproops) scheeleana* Ebert, 1892 C Coal Measures
 xii. = *Prestwichianella zaleskii* Chernyshev, 1927 C Donets basin
43. *Euproops meeki* Dix & Pringle, 1929 C South Wales
44. *Euproops nitida* Dix & Pringle, 1929 C South Wales
 Euproops sp. in Brauckmann (1982) C Piesberg, Germany
- † **Liomesaspis Raymond, 1944** **Carbon. – Permian**
 = † *Palatinaspis* Malz & Poschmann, 1993
45. *Liomesaspis laevis* Raymond, 1944* C Coal Measues
 i. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 C Saar-Nahe Basin
 ii. = *Pringlia bispinosa* Raymond, 1944 C Coal Measures
 iii. = *Pringlia demaisterei* Vandenberghe, 1961 C Coal Measures
 iv. = *Pringlia fritschi* Remy & Remy, 1959 C Coal Measures
46. *Liomesaspis leonardensis* (Tasch, 1961) P Annelly, Kansas
- † **Patesia Bicknell & Smith, 2021a** **Devonian**
47. *Patesia alleghenyensis* (Eller, 1938a) D New York State
48. *Patesia randalli* (Beecher, 1902)* D Pennsylvania
- † **Prestwichianella Woodward, 1876** **Carbon. - Permian**
 = *Prestwichia* Woodward, 1867 [preoccupied]
49. *Prestwichianella anthrax* (Prestwich, 1840)* C Coal Measures

50. *Prestwichianella cambrensis* (Dix & Pringle, 1929) C Coal Measures
51. *Prestwichianella mariae* (Crônier & Courville, 2005) C Massif Central
52. *Prestwichianella? orientalis* (Kobayashi, 1933) ?P Korea
53. *Prestwichianella rotundatus* (Prestwich, 1840) C Coal Measures
- † **Pringlia Raymond, 1944** **Carboniferous**
54. *Pringlia birtwelli* Woodward, 1872a* C Coal Measures
- † **Prolimulus Frič, 1899** **Carboniferous**
- Lamsdell (2020a) suggested it could be a senior synonym of *Pringlia*
55. *Prolimulus woodwardi* Frič, 1899* C Nyřany
- † **Stilpnocephalus Selden, Simonetto & Marsiglio, 2019** **Carboniferous**
56. *Stilpnocephalus pontebbanus* Selden, Simonetto & Marsiglio, 2019* C Carnic Alps
- BELINURA INCERTAE SEDIS**
- † **Xiphosuroides Shpinev & Vasilenko, 2018** **Carboniferous**
57. *Xiphosuroides khakassicus* Shpinev & Vasilenko, 2018* [eggs !] C Khakassia
- LIMULINA Richter & Richter, 1929** **Devonian – Recent**
- unnamed specimen in Krause *et al.* (2009) Tr Ohrdruf, Germany
- † **Bellinuroopsis Chernyshev, 1933** **Devonian**
- = † *Neobellinuroopsis* Eller, 1938a
58. *Bellinuroopsis rossicus* Chernyshev, 1933* D Urals
- † **ROLFEIIDAE Selden & Siveter, 1987** **Carboniferous**
- † **Rolfeia Waterston, 1985** **Carboniferous**
59. *Rolfeia fouldenensis* Waterston, 1985* C Fouldon, Scotland
- † **PALEOLIMULOIDEA Raymond, 1944** **Carbon. – Jurassic**
- † **PALEOLIMULIDAE Raymond, 1944** **Carbon. – Jurassic**
- = † MESOLIMULIDAE (Størmer, 1952) [in part; see Reik & Gill 1971]
- = † MORAVURIDAE Příbyl, 1967
- † **Paleolimulus Dunbar, 1923** **Carbon. – Triassic**
60. *Paleolimulus kunguricus* Naugolnykh, 2017 P Cis-Urals
61. *Paleolimulus longispinus* Schram, 1979 C Bear Gulch, Montana
62. *Paleolimulus mazonensis* Bicknell, Naugolnykh & McKenzie, 2022a C Mazon Creek
63. *Paleolimulus signatus* (Beecher, 1904) C–P Kansas, Illinois
- i. = *Paleolimulus avitus* Dunbar, 1923* P Kansas
- Paleolimulus* sp. in Ewington *et al.* (1989) P Tasmania
- ?*Palaeolimulus* sp. in Hauschke & Wilde (2000) Tr Harz, Germany
- † **Norilimulus Lamsdell, 2020a** **Carboniferous**
64. *Norilimulus woodae* (Lerner, Lucas & Mansky, 2016)* C Nova Scotia
- † **Xaniopyramis Siveter & Selden, 1987** **Carboniferous**

65. *Xaniopyramis linseyi* Siveter & Selden, 1987* C Weardale, UK
- † **PALEOLIMULIDAE *incertae sedis***
66. ?*Paleolimulus juresanensis* Chernyshev, 1933 C Ural region
see Bicknell *et al.* (2020)
- LIMULOIDEA Leach, 1819** **Carbon. – Recent**
- unnamed specimen *in* Hauschke & Wilde (1989) P Korbacher Bucht
- Limuloidea fam., gen. et sp. indet. *in* Seegis (2014) Tr Stuttgart Formation
- † ***Valloisella* Racheboeuf, 1992** **Carboniferous**
67. *Valloisella lievinensis* Racheboeuf, 1992* C northern France
- † **AUSTROLIMULIDAE Riek, 1955** **Triassic – Jurassic**
= † **DUBBOLIMULIDAE Pickett, 1984**
- † ***Attenborolimulus* Bicknell & Shcherbakov, 2021** **Triassic**
68. *Attenborolimulus superspinosus* Bicknell & Shcherbakov, 2021* Tr Petropavlovka
- † ***Austrolimulus* Riek, 1955** **Triassic**
69. *Austrolimulus fletcheri* Riek, 1955* Tr New South Wales
- † ***Batracholimulus* Lamsdell, 2020a** **Triassic**
70. *Batracholimulus fuchsbergensis* (Hauschke & Wilde, 1987)* Tr northwest Germany
- † ***Dubbolimulus* Pickett, 1984** **Triassic**
71. *Dubbolimulus peetae* Pickett, 1984* Tr New South Wales
- † ***Franconiolimulus* Bicknell, Hecker & Heyng, 2021a** **Jurassic**
72. *Franconiolimulus pochankei* Bicknell, Hecker & Heyng, 2021a* J Pechgraben
- † ***Panduralimulus* Allen & Feldman, 2005** **Permian**
73. *Panduralimulus babcocki* Allen & Feldman, 2005* P Texas
- † ***Psammolimulus* Lange, 1923** **Triassic**
74. *Psammolimulus gottingensis* Lange, 1923* Tr Göttingen, Germany
- † ***Shpineviolimulus* Bicknell, Naugolnykh & Brougham, 2020** **Permian**
75. *Shpineviolimulus jakovlevi* Glushenko *in* Glushenko & Ivanov, 1961* P Novoselovka, Ukraine
- † ***Tasmaniolimulus* Bicknell, 2019** **Triassic**
76. *Tasmaniolimulus patersoni* Bicknell, 2019* P Tasmania
originally described as Permian, but see Bicknell *et al.* (2002b)
- † ***Vaderlimulus* Lerner, Lucas & Lockley, 2017** **Triassic**
77. *Vaderlimulus tricki* Lerner, Lucas & Lockley, 2017* Tr Idaho, USA
- LIMULIDAE Leach, 1819** **Carbon. – Recent**
see Novack-Gottshall & Plotnick (2021) for a discussion of the name's correct authorship
- = † **MESOLIMULIDAE (Størmer, 1952)** [in part; see Reik & Gill (1971)]
- = † **HETEROLIMULIDAE Vía Boada & De Villalta, 1966**
- ?Limulidae gen. et sp. indet. *in* Hauschke *et al.* (1992) Tr Rüdersdorf, Germany

† Albalimulus Bicknell & Pates, 2019	Permian/Triassic
tentative referral to the family	
78. <i>Albalimulus bottoni</i> Bicknell & Pates, 2019*	C Berwickshire
† Allolimulus Lamsdell, 2020a	Jurassic
79. <i>Allolimulus woodwardi</i> (Watson, 1909)	J Northamptonshire
† Casterolimulus Holland, Erickson & O'Brien, 1975	Cretaceous
80. <i>Casterolimulus kletti</i> Holland, Erickson & O'Brien, 1975*	K North Dakota
† Guangyuanolimulus Hu et al., 2022	Permian/Triassic
81. <i>Guangyuanolimulus shangsiensis</i> Hu et al., 2022*	P/Tr South China
† Heterolimulus Via Boada & Villalta, 1966	Triassic
82. <i>Heterolimulus gadeai</i> Via Boada & Villalta, 1966*	Tr Tarragona, Spain
† Keuperlimulus Lamsdell, 2020a	Triassic
83. <i>Keuperlimulus vicensis</i> Bleicher, 1897*	Tr Lorraine
† Limulitella Størmer, 1952	Triassic – Jurassic
debate in the literature about whether this genus is an austrolimulid (e.g. Lamsdell 2020a) or a true limulid	
= † <i>Limulites</i> Schimper, 1853 [preoccupied]	
84. <i>Limulitella bronni</i> (Schimper, 1853)*	Tr Grés à Voltzia
i. = <i>Limulus sandbergeri</i> Kirchner, 1923	Tr Germany
85. <i>Limulitella henkeli</i> Fritsch, 1906	Tr Halle, Germany
86. ? <i>Limulitella liasokeuperensis</i> (Braun, 1860)	J Germany
87. <i>Limulitella tejaensis</i> Błażejowski, Niedźwiedzki, Boukhalfa & Soussi, 2017	Tr Tejra, Tunisia
88. ? <i>Limulitella volgensis</i> Ponomarenko, 1985	Tr Moscow
? <i>Limulitella</i> sp. in Hauschke & Wilde (2008)	Tr Dallau, Germany
? <i>Limulitella</i> sp. in Hauschke et al. (2009)	Tr Winterswijk
<i>Limulitella</i> sp. in Zuber et al. (2017)	Tr Winterswijk
<i>Limulitella</i> or <i>Psammolimulus</i> sp. in Križnar & Hitij (2010)	Tr Slovenia
† Mesolimulus Størmer, 1952	Triassic – Cretaceous
89. <i>Mesolimulus crespelli</i> Via Boada, 1987	Tr Tarragona, Spain
90. <i>Mesolimulus sibiricus</i> Ponomarenko, 1985	J Siberia
91. <i>Mesolimulus tafraoutensis</i> Lamsdell, Tashman, Pasini & Garassino, 2020a	J Gara Sbaa, Morocco
92. <i>Mesolimulus walchi</i> (Desmarest, 1822)*	J Solnhofen, etc.
i. = <i>Limulus brevicauda</i> Münster in v. d. Hoeven, 1838	J Solnhofen
ii. = <i>Limulus brevispina</i> Münster in v. d. Hoeven, 1838	J Solnhofen
iii. = <i>Limulus intermedius</i> Münster in v. d. Hoeven, 1838 ...	J Solnhofen
iv. = <i>Limulus ornatus</i> Münster in v. d. Hoeven, 1838	J Solnhofen
v. = <i>Limulus sulcatus</i> Münster in v. d. Hoeven, 1838	J Solnhofen
vi. = <i>Limulus giganteus</i> Münster, 1840	J Solnhofen
NB: not entirely clearly that all these names have been formally synonymised	
<i>Mesolimulus</i> sp. in Ross & Vannier (2002)	J southern England
† Ostenolimulus Lamsdell, Teruzzi, Pasini & Garassino, 2021	Jurassic

93. *Ostenolimulus latus* Lamsdell, Teruzzi, Pasini & Garassino, 2021* J Osteno, Italy
† ***Sloveniolimulus* Bicknell, Žalohar, Miklava, Celarc, Križnar & Hitij, 2019** **Triassic**
a nomen dubium in Lamsdell (2020a); but see Bicknell *et al.* (2021b, c)
94. *Sloveniolimulus rudkini* Bicknell, Žalohar, Miklava, Celarc, Križnar
& Hitij, 2019* Tr Slovenian Alps
† ***Tarracolimulus* Romero & Via Boada, 1977** **Triassic**
95. *Tarracolimulus rieki* Romero & Via Boada, 1977* Tr Tarragona, Spain
† ***Victalimulus* Riek & Gill, 1971** **Cretaceous**
96. *Victalimulus mcqueeni* Riek & Gill, 1971* K Koonwarra
† ***Volanalimulus* Lamsdell, 2020a** **Triassic**
97. *Volanalimulus madagascarensis* Lamsdell, 2020a* Tr Madagascar
† ***Yunnanolimulus* Zhang, Hu, Zhou, Iv & Bai, 2009** **Triassic**
98. *Yunnanolimulus luopingensis* Zhang, Hu, Zhou, Iv & Bai, 2009* Tr Luoping, China
- LIMULINAE Leach, 1819** **Jurassic – Recent**
† ***Crenatolimulus* Feldmann, Schweitzer, Dattilo & Farlow, 2011** **Jurassic – Cretaceous**
99. *Crenatolimulus darwini* (Kin & Błażejowski, 2014) J Kcynia, Poland
100. *Crenatolimulus paluxyensis* Feldmann, Schweitzer, Dattilo & Farlow,
2011* K Texas
Crenatolimulus “sp. nov.” in Błażejowski, *et al.* (2015) J Owadów- Brzezinki
- Limulus* Müller, 1785** **Triassic – Recent**
101. *Limulus coffini* Reeside & Harris, 1952 K Colorado
- TACHYPLEINAE Pocock, 1902** **Cretaceous – Recent**
***Tachypleus* Leach, 1819** **Cretaceous – Recent**
= † *Heterolimulus* Via Boada & Villalta, 1966
102. *Tachypleus decheni* (Zinken, 1862) Pa Teuchern, Germany
Hauschke & Wilde (2004) considered this intermediate between *Limulus* and *Tachypleus*
103. *Tachypleus syriacus* (Woodward, 1879) K Lebanon
- LIMULIDAE INCERTAE SEDIS**
104. *Limulus priscus* Münster, 1839 Tr Rottweil, Germany
- XIPHOSURA INCERTAE SEDIS**
- † ***Belinuropsis* Matthew 1910** **Carboniferous**
105. *Belinuropsis wigudensis* Matthew, 1910 C Coal Measures
- NOMEN DUBIUM**
1. *Limulus nathorsti* Jackson, 1906 J southern Sweden
Bicknell *et al.* (2021c) considered this species ?Chelicerata *incertae sedis*
- NOMINA NUDA**

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

MISIDENTIFICATIONS

1. *Archaeolimulus hanusi* Chlupáč, 1963 [bradoriid arthropod] O Bohemia
2. *Belinurus carterae* Eller, 1940 [synonym of *P. eriensis*; see below]
3. *Bifarius compta* Tasch, 1961 [insect] P Kansas
4. *Drabovaspis complexa* Chlupáč, 1963 [bradoriid arthropod] O Bohemia
5. *Elmocephalus carltonensis* (Tasch, 1963) [crustacean?] P Kansas
6. *Elleria morani* (Eller, 1938b) [trilobite?] D Pennsylvania
7. *Eolimulus alatus* Moberg, 1892 [doubtful xiphosuran] C Öland, Sweden
8. *Hemiaspis tunnecliffei* Chapman, 1932 [trilobite] S Victoria, Australia
9. *Hypatocephala rugosa* Tasch, 1961 [insect] P Kansas
10. *Lemoneites ambiguus* Flower, 1969 [echinoderm] O Texas
11. *Lemoneites gomphocaudatus* Flower, 1969 [echinoderm] O Texas
12. *Lemoneites mirabilis* Flower, 1969 [echinoderm] O Texas
13. *Lemoneites simplex* Flower, 1969 [echinoderm] O Texas
14. *Pincombella belmontensis* Chapman, 1932 [insect: Hemiptera] P New South Wales
15. *Permolimulinella raris* Tasch, 1963 [insect] P Kansas
16. *Protolimulus eriensis* [Xiphosuran trace fossil: see *Selenichnites*]
17. *Rutroclypeus junori* Withers, 1933 [Echinodermata: carpod] D Victoria, Australia
18. *Strongylocephalus charactis* Tasch, 1961 [insect] P Kansas

4 Recent species

CHASMATASPIDIDA

13 currently valid species of fossil chasmataspidid

- doubts have been expressed about the monophyly of Chasmataspidida
- there are late Cambrian resting traces of a *Chasmataspis*-like animal

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

= † DIPLOASPIDIDA Simonetta & Delle Cave, 1978

CHASMATASPIDIDA *incertae sedis*

† *Kiaeria* Størmer, 1934b Silurian

transferred from Xiphosura by Lamsdell (2020b); there is a family Kiaeriidae which could potentially become a senior synonym of Chasmataspidae

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

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

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

2. *Chasmataspis laurencii* Caster & Brooks, 1956* O Tennessee
? *Chasmataspis* sp. resting traces *in* Dunlop *et al.* (2004) C Texas

† DIPLOASPIDIDAE Størmer, 1972 Ordovician – Devonian

= † HETEROASPIDIDAE Størmer, 1972

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

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

† *Diploaspis* Størmer, 1972 Devonian

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

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

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

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

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

† *Heteroaspis* Størmer, 1972 Devonian

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

† *Hoplitaspis* Lamsdell, Gunderson & Meyer, 2019 Ordovician

9. *Hoplitaspis hiawathai* Lamsdell, Gunderson & Meyer, 2019* O Big Hill, Michigan

† *Loganamaraspis* Tetlie & Braddy, 2004a Silurian

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

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

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

- † ***Octoberaspis* Dunlop, 2002** **Devonian**
 12. *Octoberaspis ushakovi* Dunlop, 2002* D October Rev. Is
- † ***Skrytyaspis* Marshall, Lamsdell, Shpinev & Braddy, 2014** **Devonian**
 13. *Skrytyaspis andersoni* Marshall, Lamsdell, Shpinev & Braddy, 2014* D Siberia

no Recent species

EURYPTERIDA

253 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	
† <i>Brachyoptere</i> Kjellesvig-Waering, 1966a	Silurian
1. <i>Brachyoptere pentagonalis</i> (Størmer, 1934b)*	S Ringerike, Norway
2. <i>Brachyoptere ritchiei</i> Waterston, 1979	S Slot Burn, Scotland
† <i>Brachyopterus</i> Størmer, 1951	Ordovician
3. <i>Brachyopterus stubblefieldi</i> Størmer, 1951*	O Montgomeryshire
† <i>Kiaeropterus</i> Waterston, 1979	Silurian
4. <i>Kiaeropterus cyclophthalmus</i> (Laurie, 1892)	S Pentland Hills, Scotl.
5. <i>Kiaeropterus ruedemanni</i> (Størmer, 1934b)*	S Ringerike, Norway
† <i>Leioptere</i> Lamsdell, Braddy, Loeffler & Dineley, 2010	Devonian
6. <i>Leioptere tetliei</i> Lamsdell, Braddy, Loeffler & Dineley, 2010	D Nunavut, Canada
† <i>Rhenoptere</i> Størmer, 1936a	Devonian
7. <i>Rhenoptere diensti</i> Størmer, 1936a*	D Willwerath, Germ.
i. = <i>Rhenoptere latus</i> Størmer, 1936a	D Willwerath, Germ.
8. <i>Rhenoptere macrotuberculatus</i> Størmer, 1974	D Alken an der Mosel
9. <i>Rhenoptere tuberculatus</i> Størmer, 1936a	D Overath, Germ.
† STYLONUROIDEA Kjellesvig-Waering, 1959	Silurian – Devonian
† PARASTYLONURIDAE Waterston, 1979	Silurian – Devonian
† <i>Parastylonurus</i> 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. ? <i>Parastylonurus sigmoidalis</i> Kjellesvig-Waering, 1971	S Shropshire, UK
† <i>Stylonurella</i> Kjellesvig-Waering, 1966a	Silurian – Devonian
13. <i>Stylonurella ?arnoldi</i> (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** **Devonian – 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
- † ***Dunsopterus* Waterston, 1968** **Carboniferous**
43. *Dunsopterus stevensoni* (Etheridge Jr, 1877)* C Berwickshire, Scotl.
- † ***Hastimima* White, 1908** **Permian**
44. *Hastimima whitei* White, 1908* P Brazil
- † ***Hibbertopterus* Kjellesvig-Waering, 1959** **Carboniferous – Perm.**
45. ?*Hibbertopterus hibernicus* (Baily, 1872) C Kiltorcan, Ireland
46. *Hibbertopterus scouleri* (Hibbert, 1836)* C West Lothian, Scotl.
- † ***Vernonopterus* Waterston, 1957** **Carboniferous**
47. *Vernonopterus minutisculptus* (Peach, 1907)* C Lanarkshire, Scotland
- † **MYCTEROPIIDAE Cope, 1886** **Carboniferous – Perm.**
- = † WOODWARDOPTERIDAE Kjellesvig-Waering, 1959
- † ***Megarachne* Hünicken, 1980** **Carboniferous – Perm.**
48. *Megarachne servinei* Hünicken, 1980* C–P Santa Rosa, Arge.
 originally misidentified as a giant spider
- † ***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

could be a crustacean; see comments in Lamsdell (2020b)

- † **Woodwardopterus Kjellesvig-Waering, 1959** **Carboniferous**
 53. *Woodwardopterus scabrosus* (Woodward, 1887)* C Glencartholm, 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**
 = † **ALKENOPTERIDAE** Poschmann & Tetlie, 2004
 priority of the family names needs to be clarified
- † **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 ancylostelson* 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**
- Lamsdell *et al.* (2013) questioned the monophyly of this superfamily
- FAMILY UNCERTAIN
- † ***Pentlandopterus* Lamsdell, Hoşgör & Selden, 2013** **Ordovician**
76. *Pentlandopterus minor* (Laurie, 1899)* S Pentland Hills, Scotl.
- † ***Paraeurypterus* Lamsdell, Hoşgör & Selden, 2013** **Ordovician**
77. *Paraeurypterus anatoliensis* Lamsdell, Hoşgör & Selden, 2013* O Şort Tepe, Turkey
- † **DOLICHOPTERIDAE Kjellesvig-Waering & Størmer, 1952** **Silurian – Devonian**
- † ***Clarkeipterus* Kjellesvig-Waering, 1966 [a/b?]** **Silurian**
78. *Clarkeipterus ?otisius* (Clarke, 1907) S eastern USA
79. *Clarkeipterus testudineus* (Clarke & Ruedeman, 1912)* S New York
- † ***Dolichopterus* Hall, 1859** **Silurian**
80. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979 S Gotland, Sweden
81. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 S New York
82. *Dolichopterus macrocheirus* Hall, 1859* S New York / Canada
83. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912 S New York / Canada
- † ***Ruedemannipterus* Kjellesvig-Waering, 1966** **Silurian**
84. *Ruedemannipterus stylonuroides* (Clarke & Ruedemann, 1912)* S Otisville, New York
- † **EURYPTERIDAE Burmeister, 1843** **Silurian**
- † ***Eurypterus* de Kay, 1825** **Silurian**
- = † *Baltoeurypterus* Størmer, 1973
85. ?*Eurypterus cephalaspis* Salter, 1856 S Herefordshire, Engl.
86. *Eurypterus dekayi* Hall, 1859 S New York / Ontario
87. *Eurypterus flintstonensis* Swartz, 1923 S eastern USA
88. *Eurypterus hankeni* Tetlie, 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
- † ***Terropterus* Wang, Dunlop, Gai, Lei, Jarzembowski & Wang, 2021** **Silurian**
131. *Terropterus xiushanensis* Wang, Dunlop, Gai, Lei, Jarzembowski & Wang, 2021* S Xiushan, China
- † **'WAERINGOPTEROIDEA'** **Silurian – Devonian**
- superfamily name appears to be derived from a thesis, a family Waeringopteridae has not been formally published
- † ***Grossopterus* Størmer, 1934c** **Devonian**

132. *Grossopterus overathi* (Gross, 1933)* D Overath
133. *Grossopterus inexpectans* (Ruedemann, 1921) D Gilboa
- † **Orcanopterus Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** **Ordovician**
134. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser
& Devereux, 2005* O Manitoulin I., Canada
- † **Waeringopterus Leutze, 1961** **Silurian**
135. *Waeringopterus apfeli* Leutze, 1961 S New York / Ontario
136. *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
137. *Adelophthalmus approximatus* (Hall & Clarke, 1888) C Pennsylvania, USA
138. *Adelophthalmus asturica* (Melendez, 1971) C d'Ablana, Spain
139. *Adelophthalmus bradorensis* (Bell, 1922) C N. Campbelltown
140. *Adelophthalmus cambieri* (Pruvost, 1930) C Charleroi, Belgium
141. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) C Donets, Ukraine
142. *Adelophthalmus chinensis* (Grabau, 1920) C–P Zhaozeshuang
143. *Adelophthalmus corneti* (Pruvost, 1939) C Quaregnon, Belgium
144. *Adelophthalmus douvillei* (de Lima, 1890) P Bussaco, Portugal
145. *Adelophthalmus dumonti* (Stainier, 1917) C Mechelen-sur-Meuse
146. *Adelophthalmus granosus* Jordan in Jordan & von Meyer, 1854* C Saarbrücken, Germ.
147. *Adelophthalmus imhofi* (Reuss, 1855) C Vlkys, Czech Rep.
148. *Adelophthalmus irinae* Shpinev, 2006 C Krasnoyarsk, Russia
149. *Adelophthalmus kidstoni* (Peach, 1888) C Radstock, England
150. ?*Adelophthalmus lohesti* (Dewalque in Fraipont, 1889) D Pont de Bonne, Belg.
151. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 P New Mexico
152. *Adelophthalmus mansfieldi* (Hall, 1877) C Pennsylvania
- i. = *Eurypterus stylus* Hall, 1884 C Pennsylvania
153. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) C Illinois
154. *Adelophthalmus moyseyi* (Woodward, 1907a) C Ilkeston, Blaengarw
- i. = *Eurypterus derbiensis* Woodward, 1907a C Ilkeston, England
155. *Adelophthalmus nebraskensis* (Barbour, 1914) P Nebraska
156. *Adelophthalmus pennsylvanicus* (Hall, 1877) C Pennsylvania
157. ?*Adelophthalmus perornatus* (Peach, 1882) C Glencartholm, Scotl.
158. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948b C Lens, France
159. *Adelophthalmus piussii* Lamsdell, Simonetto & Selden 2013 C Carnic Alps, Italy

160. *Adelophthalmus pyrrrhae* Lamsdell, McCoy, Perron-Feller & Hopkins, 2020b C Montagne Noire
161. ?*Adelophthalmus raniceps* Goldenberg, 1873 C Saarbrücken, Germ.
162. *Adelophthalmus sellardsi* (Dunbar, 1924) P Elmo, Kansas
163. *Adelophthalmus sievertsi* (Størmer, 1969) D Willwerath, Germ.
i. = ?*Eurypterus trapezoides* Størmer, 1974 D Nellenköpfchen, Ger.
164. *Adelophthalmus waterstoni* (Tetlie et al., 2004) D Kimberley, Australia
165. *Adelophthalmus wilsoni* (Woodward, 1888) C Radstock, England
166. *Adelophthalmus zadrai* Přibyl, 1952 C Moravo-Silesia
- † **Bassipterus Kjellesvig-Waering & Leutze, 1966** **Silurian**
167. *Bassipterus virginicus* Kjellesvig-Waering & Leutze, 1966* S Bass, West Virginia
- † **Eysyslopterus Tetlie & Poschmann, 2008** **Silurian**
168. *Eysyslopterus patteni* (Størmer, 1934d) S Saaremaa, Estonia
- † **Nanahughmilleria Kjellesvig-Waering, 1961b** **Silurian – Devonian**
169. *Nanahughmilleria clarkei* Kjellesvig-Waering, 1964b S Otisville, New York
170. *Nanahughmilleria norvegica* (Kiær, 1911)* S Ringerike, Norway
i. = *Eurypterus minutus* Kiær, 1911 S Ringerike, Norway
171. *Nanahughmilleria notosiberica* Shpinev, 2012 D Krasnoyarsk, Siberia
172. ?*Nanahughmilleria prominens* (Hall, 1884b) S Cayuga, New York
173. *Nanahughmilleria pygmaea* (Salter, 1859) S Herefordshire, Engl.
174. ?*Nanahughmilleria schiraensis* (Pirozhnikov, 1957) D Khakassia, Russia
- † **Parahughmilleria Kjellesvig-Waering, 1961b** **Silurian – Devonian**
175. *Parahughmilleria bellistriata* (Kjellesvig-Waering, 1950a) S West Virginia
176. *Parahughmilleria hefteri* Størmer, 1973 D Rhenish Massif
177. *Parahughmilleria longa* Shpinev, 2012 D Lake Shunet, Siberia
178. *Parahughmilleria maria* (Clarke, 1907) S New York
179. *Parahughmilleria matarakensis* (Pirozhnikov, 1957) D Khakassia, Russia
180. *Parahughmilleria salteri* Kjellesvig-Waering, 1961b* S Herefordshire, Engl.
- † **Pittsfordipterus Kjellesvig-Waering & Leutze, 1966** **Silurian**
181. *Pittsfordipterus phelpsae* (Ruedemann, 1921)* S Pittsford, New York
- † **Pruemopterus Poschmann, 2021** **Devonian**
182. *Pruemopterus salgadoi* Poschmann, 2021* D Willwerath
- † **PTERYGOTIOIDEA Clarke & Ruedemann, 1912** **Silurian – Devonian**
- † **HUGHMILLERIIDAE Kjellesvig-Waering, 1951** **Silurian**
- † **Herefordopterus Tetlie, 2006b** **Silurian**
183. *Herefordopterus banksii* (Salter, 1856)* S Herefordshire, Engl.
i. = *Eurypterus acuminatus* Salter, 1859a S Herefordshire, Engl.
- † **Hughmilleria Sarle, 1903** **Silurian**
184. *Hughmilleria shawangunk* Clarke, 1907 S eastern USA
185. *Hughmilleria socialis* Sarle, 1903* S Pittsford, New York

- i. = *Hughmilleria robusta* Sarle, 1903 S Pittsford, New York
186. *Hughmilleria wangi* Tetlie, Selden & Ren, 2007 S Hunan, China
- † **SLIMONIDAE Novojilov, 1968** **Silurian**
- † ***Salteropterus* Kjellesvig-Waering, 1951** **Silurian**
187. *Salteropterus abbreviatus* (Salter, 1859)* S Herefordshire, Engl.
- † ***Slimonia* Page, 1856** **Silurian**
188. *Slimonia acuminata* Salter, 1856* S Lesmahagow
- i. = *Himantopterus maximus* Salter, 1856 S Lesmahagow
189. *Slimonia boliviana* Kjellesvig-Waering, 1973 S Cochabamba, Bol.
190. *Slimonia dubia* Laurie, 1899 S Pentland Hills, Scotl.
- † **PTERYGOTIDAE Clarke & Ruedemann, 1912** **Silurian – Devonian**
- = † **JAEKELOPTERIDAE Størmer, 1974**
- † ***Acutiramus* Ruedemann, 1935** **Silurian – Devonian**
191. *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
192. *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
193. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 S Kenwood, New York
194. *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
195. *Acutiramus perneri* Chlupáč, 1994 D Barrandian area
196. *Acutiramus perryensis* Leutze, 1958 S Ohio
197. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 S? Florida
- † ***Ciurcopteris* Tetlie & Briggs, 2009** **Silurian**
198. *Ciurcopteris sarlei* (Ciburca & Tetlie, 2007) S Pittsford, New York
199. *Ciurcopteris ventricosus* (Kjellesvig-Waering, 1948a)* S Kokomo, Indiana
- † ***Erettopteris* Salter in Huxley & Salter, 1859** **Silurian – Devonian**
- = † ***Truncatiramus* Kjellesvig-Waering, 1961b**
200. *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
201. *Erettopterus brodiei* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
202. *Erettopterus canadensis* (Dawson, 1879) S Ontario, Canada
203. *Erettopterus exophthalmus* Kjellesvig-Waering & Leutze, 1966 S Bass, West Virginia
204. *Erettopterus gigas* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
205. *Erettopterus globiceps* Clarke & Ruedemann, 1912 S eastern USA
206. *Erettopterus grandis* Pohlman, 1881 S New York
207. *Erettopterus holmi* (Størmer, 1934*b*) S Ringerike, Norway
208. *Erettopterus laticauda* Schmidt, 1883 S Saaremaa, Estonia
209. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* S England
210. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* S England
211. *Erettopterus osiliensis* Schmidt, 1883 S Saaremaa, Estonia
212. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* S Pennsylvania
213. *Erettopterus serratus* Kjellesvig-Waering, 1961*b* D Ohio
214. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
215. ?*Erettopterus vogti* Størmer, 1934*a* D Spitsbergen
216. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 S Kenwood, New York
- † **Jaekelopterus Waterston, 1964** **Devonian**
217. *Jaekelopterus howelli* Kjellesvig-Waering & Størmer, 1952 D Wyoming
- i. = *Pterygotus mcgrewi* Kjellesvig-Waering & Richardson
In Kjellesvig-Waering (1986) [*nomen nudum*] D Wyoming
218. *Jaekelopterus rhenaniae* (Jaekel, 1914)* D Germany
- † **Necrogammarus Woodward, 1870** **Silurian**
219. *Necrogammarus salweyi* Woodward, 1870 S Herefordshire, Engl.
- † **Pterygotus Agassiz, 1839** **Silurian – Devonian**
- = † *Curviramus* Reudemann, 1935
220. *Pterygotus anglicus* Agassiz, 1844* D Scotland, Canada
- i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912..... D New Brunswick, Can.
- ii. = *Pterygotus minor* Woodward, 1864 D Scotland
221. *Pterygotus arcuatus* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
222. ?*Pterygotus australis* McCoy, 1899 S Melbourne, Australia
223. *Pterygotus barrandei* Semper, 1898 S Barrandian area
- i. = *Pterygotus beraunensis* Semper, 1898 S Barrandian area
224. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* D Belen, Bolivia
225. *Pterygotus carmani* Kjellesvig-Waering, 1961 D Ohio
226. *Pterygotus cobbi* Hall, 1859 S New York / Canada
227. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
228. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* D Florida
229. *Pterygotus gaspesiensis* Russell, 1953 D Québec, Canada

230. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* S England
 231. ?*Pterygotus impacatus* Kjellesvig-Waering, 1964*a* S Saaremaa, Estonia
 232. *Pterygotus kopaninensis* Barrande, 1872 S Barrandian area, Cz.
 233. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* S Lesmahagow, Scotl.
 234. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* S England
 235. *Pterygotus ludensis* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
 236. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* S Maryland
 237. *Pterygotus monroensis* Sarle 1902 S New York

EURYPTERIDA *incertae sedis*

- † **Dorfopteris** Kjellesvig-Waering, 1955 **Devonian**
 238. *Dorfopteris angusticollis* Kjellesvig-Waering, 1955* D Wyoming
- † ?**Dolichopteris**
 239. ?*Dolichopteris asperatus* Kjellesvig-Waering, 1961 [a/b?] D Ohio
 240. ?*Dolichopteris bulbosus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
 241. ?*Dolichopteris herkimereensis* Caster & Kjellesvig-Waering, 1956 S New York / Canada
- † ?**Eurypteris**
 242. ?*Eurypteris loi* Chang, 1957 [non eurypterid?] S Hubei, China
 243. ?*Eurypteris podolicus* Chernyshev, 1947 S Ukraine
 244. ?*Eurypteris satpaevi* Simorin, 1956 C Karaganda, Kazakh.
 245. ?*Eurypteris styliformis* Chang, 1957 [non eurypterid?] S Hubei, China
 246. ?*Eurypteris tschernyschevi* Simorin, 1956 C Karaganda, Kazakh.
 247. ?*Eurypteris yangi* Chang, 1957 [non eurypterid?] S Hubei, China
- † **Holmipteris** Kjellesvig-Waering, 1979 **Silurian**
 248. *Holmipteris suecicus* Kjellesvig-Waering, 1979 S Gotland, Sweden
- † **Marsupipterus** Caster & Kjellesvig-Waering, 1955 **Silurian**
 249. *Marsupipterus sculpturatus* Caster & Kjellesvig-Waering, 1955* S Herefordshire, Engl.
 could be a phyllocarid crustacean; see comments in Lamsdell (2020*b*)
- † ?**Nanahughmilleria**
 250. ?*Nanahughmilleria lanceolata* Salter, 1856 S Lesmahagow
 i. = *Eurypteris chartarius* Salter, 1859 S Lesmahagow
 ii. = *Eurypteris linearis* Salter, 1859 S Lesmahagow
- † ?**Salteropteris**
 251. ?*Salteropteris longilabium* Kjellesvig-Waering, 1961*b* S Welsh Borderlands
- † ?**Stylonurus**
 252. ?*Stylonurus perspicillum* Størmer, 1969 D Willwerath, Germany
- † **Unionopteris** Chernyshev, 1948 **Carboniferous**
 253. *Unionopteris anastasiae* Chernyshev, 1948* C Kazakhstan

NOMINA DUBIA

1. *Bunodella horrida* Matthew, 1888 [non Xiphosura] S New Brunswick
 2. ?*Dunsophterus wrightianus* Dawson 1881 D New York

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

NOMINA NUDA

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

NOMINA VANA

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

MISIDENTIFICATIONS

1. *Buffalopterus verrucosus* Kjellesvig-Waering & Heubusch, 1962 [crustacean] ... O New York
2. *Carcinosoma ?logani* (Williams, 1915) [crustacean] S Ontario, Canada
3. *Eurypterus (Stylonurus?) macCarthyi* Kjellesvig-Waering, 1934 [cephalopod] D Ludlowville, New York
4. *Eurypterus pugio* Barrande, 1872 [crustacean] S Barrandian area
5. *Eurypterus thomasi* Walter, 1924 [aglaspidid] 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.

PSEUDOFOSFILLS

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 chiplonkari* 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 & Ruedemann, 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

154 currently valid species of fossil scorpion

- the scheme of Kjellesvig-Waering (1986) remains problematic, with many higher taxa whose status must be questioned; while efforts have begun to revise fossil scorpion systematics, parts of the Kjellesvig-Waering system remain in lieu of an alternative higher classification
- modern scorpion higher classification is also a source of controversy; the sequence of families adopted here largely follows Sharma *et al.* (2015), but the placement of several extinct families (mostly from amber) is tentative and has not been formally tested

SCORPIONES C. L. Koch, 1851 Silurian – Recent

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

= † ARCHAEOCTONIDAE Petrunkevitch, 1949

= † HYDROSCORPIONIDAE Kjellesvig-Waering, 1986

= † LABRIOSCORPIONIDAE Kjellesvig-Waering, 1986

= † STOERMEROSCORPIONIIDAE Kjellesvig-Waering, 1986

= † WAERINGOSCORPIONIDAE Størmer, 1970

† *Archaeoctonus* Pocock, 1911 Carboniferous

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

† *Hydroscorpius* Kjellesvig-Waering, 1986 Devonian

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

† *Labriscorpio* Leary, 1980 Carboniferous

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

† *Proscorpius* Whitfield, 1885b Silurian

= † *Archaeophonus* Kjellesvig-Waering, 1966b

= † *Stoermeroscorpio* Kjellesvig-Waering, 1986

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

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

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

† *Pseudoarchaeoctonus* Kjellesvig-Waering, 1986 Carboniferous

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

† *Waeringoscorpio* Størmer, 1970 Devonian

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

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

† BILOBOSTERNINA Kjellesvig-Waering, 1986 (suborder)	Silurian – Devonian
† BRANCHIOSCORPIONOIDEA Kjellesvig-Waering, 1986	Devonian
† BRANCHIOSCORPIONIIDAE Kjellesvig-Waering, 1986	Devonian
† <i>Branchioscorpia</i> Kjellesvig-Waering, 1986	Devonian
8. <i>Branchioscorpia richardsoni</i> Kjellesvig-Waering, 1986*	D Wyoming
† DOLICHOPHONIIDAE Petrunkevitch, 1953	Silurian
† <i>Dolichophonus</i> Petrunkevitch, 1949	Silurian
9. <i>Dolichophonus loudonensis</i> (Laurie, 1899)*	S Pentland Hills
† HOLOSTERNINA Kjellesvig-Waering, 1986	Devonian
† ACANTHOSCORPIONOIDEA Kjellesvig-Waering, 1986	Devonian
† ACANTHOSCORPIONIIDAE Kjellesvig-Waering, 1986	Devonian
† <i>Acanthoscorpia</i> Kjellesvig-Waering, 1986	Devonian
10. <i>Acanthoscorpia mucronatus</i> Kjellesvig-Waering, 1986*	D Wyoming
† STENOSCORPIONIIDAE Kjellesvig-Waering, 1986	Triassic
† <i>Stenoscorpia</i> Kjellesvig-Waering, 1986	Triassic
11. <i>Stenoscorpia gracilis</i> (Wills, 1910)*	Tr Keuper sandstone
12. <i>Stenoscorpia pseudogracilis</i> (Wills, 1947)	Tr Keuper sandstone
† ALLOPALAEOPHONOIDEA Kjellesvig-Waering, 1986	Silurian
† ALLOPALAEOPHONIDAE Kjellesvig-Waering, 1986	Silurian
† <i>Allopalaeophonus</i> Kjellesvig-Waering, 1986	Silurian
13. <i>Allopalaeophonus caledonicus</i> (Hunter, 1886)*	S Logan Water
i. = <i>Palaeophonus hunteri</i> Pocock, 1901	S Logan Water
† EOCTONOIDEA Kjellesvig-Waering, 1986	Carboniferous
† ALLOBUTHISCORPIIDAE Kjellesvig-Waering, 1986	Carboniferous
<i>Allobuthiscorpius</i> is now a junior synonym (see below)	
† <i>Aspiscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
14. <i>Aspiscorpio eageri</i> Kjellesvig-Waering, 1986*	C Sparth Bottoms
<i>Aspiscorpio</i> sp. in Poschmann (2009)	C Saar
† ANTHRACOSCORPIONIDAE Frič, 1904	Carboniferous
† <i>Allobuthus</i> Kjellesvig-Waering, 1986	Carboniferous
15. <i>Allobuthus pescei</i> (Vachon & Heyler, 1985)*	C Montceau-les-Mines
† <i>Anthracoscorpia</i> Kušta, 1885	Carboniferous
16. <i>Anthracoscorpia dunlopi</i> Pocock, 1911	C Airdrie
17. <i>Anthracoscorpia juvenis</i> 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
- † ***Gigantoscrapio* Størmer, 1963** **Carboniferous**
 21. *Gigantoscrapio willsi* Størmer, 1963* C Glencartholm
- † ***Petaloscrapio* Kjellesvig-Waering, 1986** **Devonian**
 22. *Petaloscrapio bureaui* Kjellesvig-Waering, 1986* D Miguasha, Quebec
- † **MESOPHONOIDEA** Wills, 1910 **Carbon. – Triassic**
- † **CENTROMACHIDAE** Petrunkevitch, 1953 **Carboniferous**
 = † ANTHRACOCOAERILIDAE Kjellesvig-Waering, 1986
 = † OPSIEOBUTHIDAE Kjellesvig-Waering, 1986
 = † PHOXISCORPIONIDAE Kjellesvig-Waering, 1986
- † ***Anthracochaerilus* Kjellesvig-Waering, 1986** **Carboniferous**
 23. *Anthracochaerilus palustris* Kjellesvig-Waering, 1986* C Glencartholm
- † ***Centromachus* Thorell & Lindström, 1885** **Carboniferous**
 24. *Centromachus euglyptus* (Peach, 1883)* C Glencartholm
- † ***Opsieobuthus* Kjellesvig-Waering, 1986** **Carbon. - Permian**
 25. *Opsieobuthus pottsvillensis* (Moore, 1923)* C Indiana
 26. *?Opsieobuthus tungeri* Dunlop, Legg, Selden, Fet, Schneider & Rößler,
 2016 P Chemnitz, Germany
- † ***Phoxiscrapio* Kjellesvig-Waering, 1986** **Carboniferous**
 27. *Phoxiscrapio peachi* Kjellesvig-Waering, 1986* C Dalmeny, Edinburgh
- † ***Pulmonoscrapio* Jeram, 1994a** **Carboniferous**
 28. *Pulmonoscrapio kirktonensis* Jeram, 1994a* C East Kirkton
- † **GALLIOSCORPIONIDAE** Lourenço & Gall, 2004 **Triassic**
- † ***Gallioscrapio* Lourenço & Gall, 2004** **Triassic**
 29. *Gallioscrapio voltzi* Lourenço & Gall, 2004* Tr Vosges, France
- † **HELOSCORPIONIDAE** Kjellesvig-Waering, 1986 **Carboniferous**

† <i>Heloscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
30. <i>Heloscorpio sutcliffei</i> (Woodward, 1907b)*	C Sparth Bottoms
† MAZONIIDAE Petrunkevitch, 1913	Carboniferous
† <i>Mazonia</i> Meek & Worthen, 1868b	Carboniferous
31. <i>Mazonia wardingleyi</i> (Woodward, 1907b)	C Sparth Bottoms
32. <i>Mazonia woodiana</i> Meek & Worthen, 1868b*	C Mazon Creek
† MESOPHONIDAE Wills, 1910	Triassic
† <i>Mesophonus</i> Wills, 1910	Triassic
33. <i>Mesophonus perornatus</i> Wills, 1910*	Tr Keuper sandstone
i. = <i>Mesophonus opisthophthalmus</i> Wills, 1947	Tr Keuper sandstone
34. ? <i>Mesophonus pulcherrimus</i> Wills, 1910	Tr Keuper sandstone
35. ? <i>Mesophonus pulcherrimus immaculatus</i> Wills, 1947	Tr Keuper sandstone
† WILLSISCORPIONIDAE Kjellesvig-Waering, 1986	Triassic
† <i>Willsiscorpio</i> Kjellesvig-Waering, 1986	Triassic
36. <i>Willsiscorpio bromsgroviensis</i> (Wills, 1910)*	Tr Keuper sandstone
† PALAEOSCORPOIDEA Lehmann, 1944	Devonian – Triassic
† PALAEOSCORPIONIDAE Lehmann, 1944	Devonian
† <i>Palaeoscorpio</i> Lehmann, 1944	Devonian
37. <i>Palaeoscorpio devonicus</i> Lehmann, 1944*	D Hunsrückschiefer
Kühl <i>et al.</i> (2012) simply listed the genus unplaced under Protoscorpionina	
† SPONGIOPHONOIDEA Kjellesvig-Waering, 1986	Devonian – Triassic
† PRAERCTURIDAE Kjellesvig-Waering, 1986	Devonian
† <i>Praearcturus</i> Woodward, 1871a	Devonian
38. <i>Praearcturus gigas</i> Woodward, 1871a*	D Rowlestone
† SPONGIOPHONIDAE Kjellesvig-Waering, 1986	Triassic
† <i>Spongiophonon</i> Wills, 1947	Triassic
39. <i>Spongiophonon pustulosus</i> Wills, 1947*	Tr Keuper sandstone
† MERISTOSTERNINA Kjellesvig-Waering, 1986	Carboniferous
† CYCLOPHTHALMOIDEA Thorell & Lindström, 1885	Carboniferous
† CYCLOPHTHALMIDAE Thorell & Lindström, 1885	Carboniferous
† <i>Cyclophthalmus</i> Corda, 1835	Carboniferous
40. <i>Cyclophthalmus senior</i> Corda, 1835*	C Cholme
41. <i>Cyclophthalmus robustus</i> Kjellesvig-Waering, 1986	C Coseley
42. ? <i>Cyclophthalmus sibiricus</i> Novojilov & Størmer, 1963	C Kemerov Region

† MICROLABIIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Microlabis</i> Corda, 1839	Carboniferous
43. <i>Microlabis sternbergii</i> Corda, 1839*	C Cholme
† PALAEOBUTHOIDEA Kjellesvig-Waering, 1986	Carboniferous
† PALAEOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Palaeobuthus</i> Petrunkevitch, 1913	Carboniferous
= † <i>Mazoniscorpio</i> Wills, 1960	
44. <i>Palaeobuthus distinctus</i> Petrunkevitch, 1913*	C Mazon Creek
i. = <i>Mazoniscorpio mazonensis</i> Wills, 1960	C Mazon Creek
† LOBOSTERNINA Pocock, 1911	Silurian – Carbon.
† ISOBUTHOIDEA Petrunkevitch, 1913	Carboniferous
† EOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Eobuthus</i> Frič, 1904	Carboniferous
45. <i>Eobuthus cordai</i> Kjellesvig-Waering, 1986	C Kralupy Hill
46. <i>Eobuthus holti</i> Pocock, 1911	C Sparth Bottoms
47. <i>Eobuthus rakovnicensis</i> Frič, 1904*	C Rakovnik
† EOSCORPIIDAE Scudder, 1884	Carboniferous – Perm
† <i>Eoscorpius</i> Meek & Worthen, 1868a	Carboniferous – Perm.
= † <i>Alloscorpius</i> Petrunkevitch, 1949	
= † <i>Europhthalmus</i> Petrunkevitch, 1949	
= † <i>Lichnophthalmus</i> Petrunkevitch, 1949	
= † <i>Trigonoscorpio</i> Petrunkevitch, 1913	
= † <i>Typhloscorpius</i> Petrunkevitch, 1949	
48. <i>Eoscorpius bornaensis</i> Sterzel, 1918	C Chemnitz–Borna
49. <i>Eoscorpius carbonarius</i> Meek & Worthen, 1868a*	C Mazon Creek
i. = <i>Eoscorpius typicus</i> Petrunkevitch, 1913	C Mazon Creek
ii. = <i>Eoscorpius granulatus</i> Petrunkevitch, 1913	C Mazon Creek
iii. = <i>Trigonoscorpio americanus</i> Petrunkevitch, 1913	C Mazon Creek
50. <i>Eoscorpius casei</i> Kjellesvig-Waering, 1986	C Nova Scotia
51. <i>Eoscorpius distinctus</i> (Petrunkevitch, 1949)	C Coseley
52. <i>Eoscorpius mucronatus</i> Kjellesvig-Waering, 1986	C Barnsley
53. <i>Eoscorpius pulcher</i> (Petrunkevitch, 1949)	C Barnsley
i. = <i>Europhthalmus longimanus</i> Petrunkevitch, 1949	C Barnsley
54. <i>Eoscorpius sparthensis</i> Baldwin & Sutcliffe, 1904	C Sparth Bottoms
<i>Eoscorpius</i> sp. in Poschmann <i>et al.</i> (2016)	C Graissessac, France
<i>Eoscorpius</i> sp. in Lei <i>et al.</i> (2020)	P Inner Mongolia, China
† <i>Eskioscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
55. <i>Eskioscorpio parvus</i> Kjellesvig-Waering, 1986*	C Glencartholm
† <i>Trachyscorpio</i> Kjellesvig-Waering, 1986	Carboniferous

56. *Trachyscorpio squarrosus* Kjellesvig-Waering, 1986* C Fouldon
- † **ISOBUTHIDAE Petrunkevitch, 1913** **Carbon. – Triassic**
- † ***Boreoscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
57. *Boreoscorpio copelandi* Kjellesvig-Waering, 1986* C Nova Scotia
- † ***Bromsgroviscorpio* Kjellesvig-Waering, 1986** **Triassic**
58. *Bromsgroviscorpio willsi* Kjellesvig-Waering, 1986* Tr Keuper sandstone
- † ***Feistmantelia* Frič, 1904** **Carboniferous**
59. *Feistmantelia ornata* Frič, 1904* C Studnoves
- † ***Isobuthus* Frič, 1904** **Carboniferous**
60. *Isobuthus kralupensis* (Thorell & Lindström, 1885)* C Kralup
61. ?*Isobuthus nyransensis* Frič, 1904 C Nýřany
- † **KRONOSCORPIONIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Kronoscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
62. *Kronoscorpio danielsi* (Petrunkevitch, 1913)* C Mazon Creek
- † **PAREOBUTHIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Pareobuthus* Wills, 1959** **Carboniferous**
63. *Pareobuthus salopiensis* Wills, 1959* C Shropshire
- † **PARAISOBUTHOIDEA Kjellesvig-Waering, 1986** **Carboniferous**
- † **PARAISOBUTHIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Paraisobuthus* Kjellesvig-Waering, 1986** **Carboniferous**
64. *Paraisobuthus duobicarinatus* Kjellesvig-Waering, 1986 C Shipley
65. *Paraisobuthus frici* Kjellesvig-Waering, 1986 C Kralupy Hill
66. *Paraisobuthus prantli* Kjellesvig-Waering, 1986* C Rakovník
67. *Paraisobuthus virginiae* Kjellesvig-Waering, 1986 C Mazon Creek
- Parisobuthus* [sic] sp. in Gutiérrez-Marco et al. (2005) C León, Spain
- † **SCOLOPOSCORPIONIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Benniescorpio* Wills, 1960** **Carboniferous**
68. *Benniescorpio tuberculatus* (Peach, 1883)* C Dysart, Fife
- † ***Scoloposcorpio* Kjellesvig-Waering, 1986** **Carboniferous**
69. *Scoloposcorpio cramondensis* Kjellesvig-Waering, 1986* C Cramond, Edinburgh
- † **TELMATOSCORPIONIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Telmatoscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
70. *Telmatoscorpio brevipectus* Kjellesvig-Waering, 1986* C Mazon Creek
- † **LOBOARCHAEOCTONOIDEA Kjellesvig-Waering, 1986** **Carboniferous**
- † **LOBOARCHAEOCTONIDAE Kjellesvig-Waering, 1986** **Carboniferous**

- † **Loboarchaeoctonus** Kjellesvig-Waering, 1986 **Carboniferous**
71. *Loboarchaeoctonus squamosus* Kjellesvig-Waering, 1986* C Glencartholm
- † **WATERSTONIIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † **Waterstonia** Kjellesvig-Waering, 1986 **Carboniferous**
72. *Waterstonia airdriensis* Kjellesvig-Waering, 1986* C Airdrie
- † **PALAEOPHONOIDEA** Thorell & Lindström, 1884 **Silurian**
- † **PALAEOPHONIDAE** Thorell & Lindström, 1884 **Silurian**
- † **Palaeophonus** Thorell & Lindström, 1884 **Silurian**
73. *Palaeophonus nuncius* Thorell & Lindström, 1884* S Visby, Gotland
74. ?*Palaeophonus lightbodyi* Kjellesvig-Waering, 1954 [claw only !] S Ludford Lane
- NEOSCORPIONINA** Thorell & Lindström, 1885 (suborder) **Carbon. – Recent**
Neoscorpionina incertae sedis
- † **Gymnoscopus** Jeram, 1994b **Carboniferous**
75. *Gymnoscopus mutillidigitatus* Jeram, 1994b* C northern England
- ORTHOSTERNI** Pocock, 1911 (infraorder) **Carbon. – Recent**
Orthosterni incertae sedis
- † **Compsoscorpium** Petrunkevitch 1949 **Carboniferous**
= † *Allobuthiscorpius* Kjellesvig-Waering, 1986
= † *Coseleyscorpium* Kjellesvig-Waering, 1986
= † *Leioscorpium* Kjellesvig-Waering, 1986
= † *Lichnoscorpium* Petrunkevitch, 1949
= † *Pseudobuthiscorpius* Kjellesvig-Waering, 1986
= † *Typhlopisthacanthus* Petrunkevitch, 1949
76. *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. = *Buthiscorpius major* Wills, 1960 C Kilburn Coal
vi. = *Leioscorpium pseudobuthiformis* Kjellesvig-Waering,
1986 C Coseley
vii. = *Pseudobuthiscorpius labiosus* Kjellesvig-Waering,
1986 C Coseley
viii. = *Coseleyscorpium lanceolatus* Kjellesvig-Waering, 1986 C Coseley
ix. = *Allobuthus macrostethus* Kjellesvig-Waering, 1986 C Coseley
Compsoscorpium sp. in Poschmann et al. (2016) C Graissessac, France
- † **Corniops** Jeram, 1994b **Carboniferous**
77. *Corniops mapesii* Jeram, 1994b* C Lone Star Lake

† <i>Suraju Martine</i> , Ricardi-Branco, Beloto & Jurigan, 2020	Permian
78. <i>Suraju itayma</i> Martine, Ricardi-Branco, Beloto & Jurigan, 2020*	P Santa Catarina
† PALAEOPISTHACANTHIDAE Kjellesvig-Waering, 1986	Carboniferous
Legg <i>et al.</i> (2012) excluded <i>Composcorpis</i> from this family as its inclusion made it paraphyletic in Jeram's (1994) cladogram	
† <i>Cryptoscorpis</i> Jeram, 1994b	Carboniferous
79. <i>Cryptoscorpis americanus</i> Jeram, 1994b*	C Lone Star Lake
† <i>Palaeopisthacanthus</i> Petrunkevitch, 1913	Carboniferous
80. <i>Palaeopisthacanthus schucherti</i> Petrunkevitch, 1913*	C Mazon Creek
81. <i>Palaeopisthacanthus vogelandurdeni</i> Jeram, 1994b	C Lone Star Lake
BUTHIDA Soleglad & Fet 2003 (parvorder)	Triassic – Recent
superfamily uncertain	
† CHAERIOBUTHIDAE Lourenço & Beigel, 2011	Cretaceous
† <i>Chaerilobuthus</i> Lourenço & Beigel, 2011	Cretaceous
82. <i>Chaerilobuthus birmanicus</i> Lourenço, 2015b	K Burmese amber
83. <i>Chaerilobuthus brandti</i> Lourenço <i>in</i> Lourenço & Velten, 2022a	K Burmese amber
84. <i>Chaerilobuthus bruckschi</i> Lourenço, 2015b	K Burmese amber
85. <i>Chaerilobuthus complexus</i> Lourenço & Beigel, 2011*	K Burmese amber
86. <i>Chaerilobuthus enigmaticus</i> Lourenço, 2015d	K Burmese amber
87. <i>Chaerilobuthus gigantosternum</i> Lourenço, 2016b	K Burmese amber
88. <i>Chaerilobuthus longiaculeus</i> Lourenço, 2013b	K Burmese amber
89. <i>Chaerilobuthus meggeri</i> Lourenço <i>in</i> Lourenço & Velten, 2021b	K Burmese amber
90. <i>Chaerilobuthus schwarzi</i> Lourenço <i>in</i> Lourenço & Velten, 2015	K Burmese amber
91. <i>Chaerilobuthus serratus</i> Lourenço, 2016b	K Burmese amber
<i>Chaerilobuthus</i> sp. <i>in</i> Lourenço & Velten, 2021b	K Burmese amber
† PALAEOTRILINEATIDAE Lourenço, 2012b	Cretaceous
† <i>Palaeotrilineatus</i> Lourenço, 2012b	Cretaceous
92. <i>Palaeotrilineatus ellenbergeri</i> Lourenço, 2012b*	K Burmese amber
PSUEDOCHACTOIDEA Gromov, 1998	Recent
PSEUDOCHACTIDAE Gromov, 1998	Recent
no fossil record	
CHAERILOIDEA Pocock, 1893	Cretaceous – Recent
CHAERILIDAE Pocock, 1893	Cretaceous – Recent
† <i>Electrochaerilus</i> Santiago-Blay <i>et al.</i>, 2004	Cretaceous
93. <i>Electrochaerilus buckleyi</i> Santiago-Blay <i>et al.</i> , 2004	K Burmese amber
BUTHOIDEA C. L. Koch, 1837	Triassic – Recent

† PROTOBUTHIDAE Lourenço & Gall, 2004	Triassic
† <i>Protobuthus</i> Lourenço & Gall, 2004	Triassic
94. <i>Protobuthus elegans</i> Lourenço & Gall, 2004*	Tr Vosges
† ARCHAEOBUTHIDAE Lourenço, 2001	Cretaceous
† <i>Archaeobuthus</i> Lourenço, 2001	Cretaceous
95. <i>Archaeobuthus estephani</i> Lourenço, 2001*	K Lebanese amber
† PALAEOBURMESEBUTHIDAE Lourenço, 2015a	Cretaceous
† <i>Betaburmesebuthus</i> Lourenço & Beigel, 2015a	Cretaceous
96. <i>Betaburmesebuthus bellus</i> Lourenço, 2016a	K Burmese amber
97. <i>Betaburmesebuthus bidentatus</i> Lourenço, 2015c	K Burmese amber
98. <i>Betaburmesebuthus fleissneri</i> Lourenço in Lourenço & Velten, 2016	K Burmese amber
99. <i>Betaburmesebuthus joergi</i> Lourenço & Rossi, 2017	K Burmese amber
100. <i>Betaburmesebuthus kobberti</i> Lourenço & Beigel, 2015a*	K Burmese amber
101. <i>Betaburmesebuthus muelleri</i> Lourenço, 2015c	K Burmese amber
102. <i>Betaburmesebuthus spinipedis</i> Xuan, Cai & Huang, 2022	K Burmese amber
† <i>Palaeoburmesebuthus</i> Lourenço, 2002	Cretaceous
103. <i>Palaeoburmesebuthus grimaldii</i> Lourenço, 2002*	K Burmese amber
104. <i>Palaeoburmesebuthus knodeli</i> Lourenço, 2018a	K Burmese amber
105. <i>Palaeoburmesebuthus longimanus</i> Lourenço & Rossi, 2017	K Burmese amber
106. <i>Palaeoburmesebuthus ohlhoffi</i> Lourenço, 2015b	K Burmese amber
† <i>Spinoburmesebuthus</i> Lourenço, 2002	Cretaceous
107. <i>Spinoburmesebuthus knodelorum</i> Lourenço, 2021	K Burmese amber
108. <i>Spinoburmesebuthus pohli</i> Lourenço in Lourenço & Velten, 2017*	K Burmese amber
† SUCINLOURENCOIDAE Rossi, 2015	Cretaceous
† <i>Sucinlourencous</i> Rossi, 2015	Cretaceous
109. <i>Sucinlourencous adrianae</i> Rossi, 2015*	K Burmese amber
BUTHIDAE C. L. Koch, 1837	?Cretaceous – Recent
= ANDROCTONIDAE C. L. Koch, 1837	
= MICROCHARMIDAE Lourenço, 1996a	
<i>Centruroides</i> Marx, 1890a	Neogene – Recent
110. <i>Centruroides nitidus</i> (Thorell, 1876a) [Recent]	Ne Dominican amber
i. = <i>Centruroides beynai</i> Schawaller, 1979a	Ne Dominican amber
<i>Cretaceousbuthus</i> Lourenço in Lourenço & Velten, 2022b	Cretaceous
tentative assignement to Buthidae	
111. <i>Cretaceousbuthus fraaijeorum</i> Lourenço in Lourenço & Velten, 2022b*	K Burmese amber
<i>Microcharmum</i> Lourenço, 1995	Quaternary – Recent
112. <i>Microcharmum henderickxi</i> (Lourenço, 2009a)	Qt Madagascar copal
<i>Microtityus</i> Kjellesvig-Waering, 1966c	Neogene – Recent

113. <i>Microtityus ambarensis</i> (Schawaller, 1982a)	Ne Dominican amber
† Palaeoakentrobutus Lourenço & Weitschat, 2000	Palaeogene
114. <i>Palaeoakentrobutus knodeli</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† Palaeoananteris Lourenço & Weitschat, 2001	Palaeogene
115. <i>Palaeoananteris ribnitiodamgartensis</i> Lourenço & Weitschat, 2001* ...	Pa Baltic amber
116. <i>Palaeoananteris ukrainensis</i> Lourenço & Weitschat, 2009	Pa Rovno amber
117. <i>Palaeoananteris wunderlichi</i> Lourenço, 2004	Pa Baltic amber
† Palaeoisometrus Lourenço & Weitschat, 2005a	Palaeogene
118. <i>Palaeoisometrus elegans</i> Lourenço & Weitschat, 2005a*	Pa Baltic amber
† Palaeogrosphus Lourenço, 2000a	Quaternary
119. <i>Palaeogrosphus copalensis</i> (Lourenço, 1996b)	Qt Copal
120. <i>Palaeogrosphus jacquesi</i> Lourenço & Henderickx, 2002	Qt Copal
† Palaeolychas Lourenço & Weitschat, 1996	Palaeogene
121. <i>Palaeolychas balticus</i> Lourenço & Weitschat, 1996*	Pa Baltic amber
122. <i>Palaeolychas weitschati</i> Lourenço, 2012a	Pa Baltic amber
† Palaeoprotobuthus Lourenço & Weitschat, 2000	Palaeogene
123. <i>Palaeoprotobuthus pusillus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† Palaeospinobuthus Lourenço, Henderickx & Weitschat, 2005	Palaeogene
124. <i>Palaeospinobuthus cenozoicus</i> Lourenço, Henderickx &	
Weitschat, 2005*	Pa Baltic amber
† Palaeotityobuthus Lourenço & Weitschat, 2000	Palaeogene
125. <i>Palaeotityobuthus longiaculeus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
Tityus C. L. Koch, 1836	?Palaeogene – Recent
126. <i>Tityus apoazonalli</i> Riquelme <i>et al.</i> , 2015	Ne Chiapas amber
127. <i>Tityus azari</i> Lourenço, 2013a	Ne Dominican amber
128. ' <i>Tityus</i> ' <i>eogenus</i> Menge, 1869 [presumably misplaced]	Pa Baltic amber
129. <i>Tityus geratus</i> Santiago-Blay & Poinar, 1988	Ne Dominican amber
130. <i>Tityus (Brazilotityus) hartkorni</i> Lourenço, 2009b	Ne Dominican amber
131. <i>Tityus (Brazilotityus) knodeli</i> Lourenço, 2014	Ne Chiapas amber
† Uintascorpio Perry, 1995	Palaeogene
132. <i>Uintascorpio halandrasorum</i> Perry, 1995*	Pa Green River
BUTHIDAE incertae sedis	
133. ' <i>Scorpio</i> ' <i>schweiggeri</i> Holl, 1829	Qt Copal [not amber!]
IURIDA Soleglad & Fet 2003 (parvorder)	Triassic – Recent
IUROIDEA Thorell, 1876b	Recent
IURIDAE Thorell, 1876b	Recent
no fossil record	
BOTHRIUROIDEA Simon, 1880	Recent
BOTHRIURIDAE Simon, 1880	Recent

= TELEGONIDAE Peters, 1861 [based on a generic homonym]

= ACANTHOCHIROIDAE Karsch, 1880b

no fossil record

CARABOCTONOIDEA Pocock, 1893 **Recent**

CARABOCTONIDAE Kraepelin, 1905 **Recent**

no fossil record

CHACTOIDEA Pocock, 1893 **Triassic – Recent**

† **PROTOCHACTIDAE Lourenço, Magnani & Stockar in Magnani et al., 2022** **Triassic**

† *Protochactas* Lourenço, Magnani & Stockar in Magnani et al., 2022 **Triassic**

134. *Protochactas furreri* Lourenço, Magnani & Stockar in Magnani et al.,
2022* Tr Monte San Giorgio

CHACTIDAE Pocock, 1893 **Cretaceous – Recent**

= BROTEIDAE Simon, 1879a [supressed for lack of useage]

† **Araripescorpius Campos, 1986** **Cretaceous**

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

Chactas Gervais, 1844 **Subrecent – Recent**

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

† **PALAEOEUSCORPIIDAE Lourenço, 2003** **Cretaceous**

† **Archaeoscorpiops Lourenço, 2015a** **Cretaceous**

137. *Archaeoscorpiops cretacicus* Lourenço, 2015a* K Burmese amber

† **Burmesescorpiops Lourenço, 2016** **Cretaceous**

138. *Burmesescorpiops groehni* Lourenço, 2016b* K Burmese amber

† **Palaeoescorpius Lourenço, 2003** **Cretaceous**

139. *Palaeoescorpius gallicus* Lourenço, 2003* K French amber

EUSCORPIIDAE Laurie, 1896 **?Paleogene – Recent**

tentative familial assignment

† **Eoescorpius Kühl & Lourenco, 2017** **?Paleogene – Recent**

140. *Eoescorpius ceratoi* Kühl & Lourenco, 2017* Pa Pesciara, Italy

SCORPIOPIIDAE Kraepelin, 1905 **Recent**

no fossil record

SUPERSTITIONIIDAE Stahnke, 1940 **Recent**

no fossil record

TROGLOTAYOSICIDAE Lourenço, 1998 **Recent**

no fossil record

- BELISARIIDAE Lourenço, 1998** **Recent**
no fossil record
- TYPHLOCHACTIDAE Mitchell, 1971** **Recent**
no fossil record
- AKRAVIDAE Levy, 2007** **Recent**
Akravida is only known from dead specimens in caves and thus might be considered subfossil
no fossil record
- HADRUROIDEA Stahnke, 1974** **Recent**
HADRURIDAE Stahnke, 1974 **Recent**
no fossil record
- VAEJOVIDEA Thorell, 1876b** **Recent**
VAEJOVIDAE Thorell, 1876b **Recent**
no fossil record
- SCORPIONIOIDEA Latreille, 1802** **Cretaceous – Recent**
DIPLOCENTRIDAE Karsch, 1880b **Recent**
no fossil record
- HEMISCORPIIDAE Pocock, 1893** **Cretaceous – Recent**
Lourenço (2018) and Lourenço & Velten (2021a) retained Protoischnuridae as a valid family
= ISCHNURIDAE Simon, 1879a
= LIOCHELIDAE Fet & Bechly, 2001
= † PROTOISCHNURIDAE Carvalho & Lourenço, 2001
- † ***Cretaceoushorniops* Lourenço, 2018b** **Cretaceous**
141. *Cretaceoushorniops knodeli* Lourenço, 2018b* K Burmese amber
- † ***Cretaceousopisthacanthus* Lourenço in Lourenço & Velten, 2021** **Cretaceous**
142. *Cretaceousopisthacanthus smeelei* Lourenço in Lourenço & Velten,
2021a* K Burmese amber
- † ***Protoischnurus* Carvalho & Lourenço, 2001** **Cretaceous**
143. *Protoischnurus axelrodorum* Carvalho & Lourenço, 2001* K Crato Formation
- HETEROSCORPIONIDAE Kraepelin, 1905** **Recent**
no fossil record
- HORMURIDAE Laurie, 1896** **Recent**
no fossil record

SCORPIONIDAE Latreille, 1802	Neogene – Recent
= PANDINOIDAE Thorell, 1876 <i>b</i>	
= HETEROMETRIDAE Simon, 1879 <i>a</i>	
† <i>Mioscorpio</i> Kjellesvig-Waering, 1986	Neogene
144. <i>Mioscorpio zeuneri</i> (Hadži, 1931)*	Ne Swabian Alps
† <i>Sinoscorpius</i> Hong, 1983<i>a</i>	Neogene
145. <i>Sinoscorpius shandongensis</i> Hong, 1983 <i>a</i> *	Ne Shandong, China
RUGODENTIDAE Bastawade et al., 2005	Recent
no fossil record	
URODACIDAE Pocock, 1893	Recent
no fossil record	
SCORPIONES <i>incertae sedis</i>	
<i>Scorpiones incertae sedis</i> in Dunlop & Selden (2013)	S Trecastle, Wales
<i>Scorpiones incertae sedis</i> in Bicknell & Smith (2021 <i>b</i>)	Tr Sydney, Australia
† <i>Brontoscorpio</i> Kjellesvig-Waering, 1972	Devonian
146. <i>Brontoscorpio anglicus</i> Kjellesvig-Waering, 1972*	D England
† <i>Eramoscorpius</i> Waddington, Rudkin & Dunlop, 2015	Silurian
147. <i>Eramoscorpius brucensis</i> Waddington, Rudkin & Dunlop, 2015*	S Ontario, Canada
† <i>Gondwanascorpio</i> Gess, 2013	Devonian
148. <i>Gondwanascorpio emzantsiensis</i> Gess, 2013*	D Grahamstown
† <i>Hubeiscorpio</i> Walossek, Li & Brauckmann, 1990	Devonian
149. <i>Hubeiscorpio gracilitarsis</i> Walossek, Li & Brauckmann, 1990*	D Hubei, China
† <i>Liassoscorpionides</i> Bode, 1951	Jurassic
150. <i>Liassoscorpionides schmidti</i> Bode, 1951*	J Hondelage, Germany
† <i>Palaeomachus</i> Pocock, 1911	Carboniferous
151. <i>Palaeomachus anglicus</i> (Woodward, 1876)*	C Mansfield
† <i>Permomatveevia</i> Dammann, 2017	Permian
152. <i>Permomatveevia perneri</i> Dammann, 2017*	P Matvéevo, Urals
† <i>Titanoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
153. <i>Titanoscorpio douglassi</i> Kjellesvig-Waering, 1986	C Mazon Creek
† <i>Wattisonia</i> Wills, 1960	Carboniferous
154. <i>Wattisonia coseleyensis</i> Wills, 1960	C Coseley
MISIDENTIFICATIONS	
1. ? <i>Waterstonia brachistodactyla</i> Kjellesvig-Waering, 1986 [plant fragment?]	C Beith, Ayrshire
2. ? <i>Mesophonus maculatus</i> (Brauer, Redtenbacher & Ganglbauer, 1889)	
[?insect: cockroach]	J Siberia
3. <i>Parioscorpio venator</i> Wendruff, Babcock, Wirkner, Kluessendorf & Mikulic, 2020	

- [Arthropoda *incertae sedis*, Anderson *et al.* (2021), perhaps a cheloniellid?] S Wisconsin
4. *Tiphoscorpio hueberi* Kjellesvig-Waering, 1986 [myriapod: *Eoarthroleura*] D New York

2,729 Recent species

OPILIONES

53 currently valid species of fossil harvestman

- OPILIONES Sundevall, 1833** Devonian – Recent
- CYPHOPHTHALMI Simon, 1879a (suborder)** Cretaceous – Recent
- the infraorders and family sequence adopted here follow Giribet *et al.* (2012) and the catalogue of Giribet (2020)
- BOREOPHTHALMI Giribet *et al.*, 2012 (infraorder)**
- 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 Burmese amber
originally described as a sironid, but reinterpreted by Giribet *et al.* (2012) as a stylocellid
- SCOPULOPHTHALMI Giribet *et al.*, 2012 (infraorder)**
- PETTALIDAE Shear, 1980** Recent
- no fossil record
- STERNOPHTHALMI Giribet *et al.*, 2012 (infraorder)**
- NEOGOVEIDAE Shear, 1980** Recent
- no fossil record
- OGOVEIDAE Shear, 1980** Recent
- no fossil record
- TROGLOSIRONIDAE Shear, 1993** Recent
- no fossil record
- TETROPHTHALMI Garwood, Sharma, Dunlop & Giribet, 2014**
- (suborder)** Devonian – Carbon.
- † **HASTOCULARIDAE Kury, Dunlop & Mendes, 2020** Devonian – Carbon.
- † ***Eophalangium* Dunlop, Anderson, Kerp & Hass, 2004** Devonian
- originally described as a eupnoid, but transferred by Garwood *et al.* (2004) to their new suborder
4. *Eophalangium sheari* Dunlop, Anderson, Kerp & Hass, 2004* D Rhynie chert
- † ***Hastocularis* Garwood, Sharma, Dunlop & Giribet, 2014** Carboniferous

5. *Hastocularis argus* Garwood, Sharma, Dunlop & Giribet, 2014* C Montceau-les-Mines

PHALANGIDA Bristowe, 1949

suborder uncertain

ARCHAEOMETIDAE Pocock **Carboniferous**

† **Archaeometa Pocock, 1911** **Carboniferous**

6. *Archaeometa nephilina* Pocock, 1911* C Coseley
originally misidentified as spiders, transferred to Opiliones by Selden *et al.* (2016)

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

plesion taxa

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

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

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

8. *Macroglyion cronus* Garwood *et al.* 2011* C Montceau-les-Mines

† **KUSTARACHNIDAE Petrunkevitch, 1949** **Carboniferous**

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

Kustarachne was at one stage placed in its own order, Kustarachnida; Kury *et al.* (2020) discussed the transfer of *K. longipes* to this genus

9. *Kustarachne tenuipes* Scudder, 1890b* C Mazon Creek
i. = *Kustarachne exstincta* Melander, 1903 C Mazon Creek
ii. = *Kustarachne conica* Petrunkevitch, 1913 C Mazon Creek
10. *Kustarachne longipes* (Petrunkevitch, 1913) C Mazon Creek

CADDOIDEA Banks, 1893 **Palaeogene – Recent**

CADDIDAE Banks, 1893 **Palaeogene – Recent**

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

11. *Caddo dentipalpus* (C. L. Koch & Berendt, 1854) Pa European ambers

PHALANGIOIDEA Latreille, 1802 **Palaeogene – Recent**

FAMILY UNCERTAIN

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

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

MONOScutIDAE Forster, 1948 **Recent**

no fossil record

NEOPILIONIDAE Lawrence, 1931 **Recent**

no fossil record

PHALANGIIDAE Latreille, 1802 **Palaeogene – Recent**

- Amilenus Martens, 1969** **Palaeogene – Recent**
13. *Amilenus deltshevi* Dunlop & Mitov, 2009 Pa European ambers
- Dicranopalpus Doleschall, 1852** **Palaeogene – Recent**
14. *Dicranopalpus ramiger* (C. L. Koch & Berendt, 1854) Pa European ambers
- i. = *Opilio corniger* Menge, 1854 Pa Baltic amber
- ii. = *Dicranopalpus palmnickensis* Roewer, 1939 Pa Baltic amber
- Lacinius Thorell, 1876** **Palaeogene – Recent**
15. *Lacinius bizleyi* Mitov, Dunlop & Penney, 2015 Pa Baltic / Bitter. amber
 originally assigned to the extant species *Lacinius erinaceus* Staręga, 1966
- Metaphalangium Roewer, 1911** **Palaeogene – Recent**
16. *Metaphalangium martensi* Mitov, Perkovsky & Dunlop, 2021 Pa Rovno amber
- † **Stephanobunus Dunlop & Mammitzsch, 2010** **Palaeogene**
17. *Stephanobunus mitovi* Dunlop & Mammitzsch, 2010* Pa Baltic amber
- ?Phalangiidae**
18. *Opilio ovalis* C. L. Koch & Berendt, 1854 Pa Baltic amber
 probably misplaced at genus level; types could not be traced as of 2005
- PROTOLOPHIDAE Banks, 1893** **Palaeogene – Recent**
- Protolophus Banks, 1893** **Palaeogene – Recent**
19. *Protolophus hoffeinsi* Elsaka, Mitov & Dunlop, 2019 Pa Baltic amber
- SCLEROSOMATIDAE Simon, 1879a** **Jurassic – Recent**
- † **Amauropilio Mello-Leitão, 1937** **Palaeogene**
20. *Amauropilio atavus* (Cockerell, 1907) Pa Florissant
21. *Amauropilio lacoei* (Petrunkevitch, 1922) Pa Florissant
- Cosmobunus Simon, 1879** **Neogene – Recent**
22. *Cosmobunus sageni* Palencia, Peñalver, Prieto & Poyato-Ariza, 2019 .. Ne Rubielos de Mora
- Eumesosoma Cokendolpher, 1980** **Palaeogene – Recent**
23. *Eumesosoma abdelmawlai* Elsaka, Mitov & Dunlop, 2019 Pa Baltic amber
 Eumesosoma sp. in Elsaka, Mitov & Dunlop (2019) ... Pa Baltic amber
- Leiobunum C. L. Koch, 1839a** **Jurassic – Recent**
24. *Leiobunum longipes* Menge in Koch & Berendt, 1854 Pa Baltic / Bitter. amber
- i. = *Leiobunum saporum* Menge in Koch & Berendt, 1854
 [?lapsus] Pa Baltic amber
- ii. = *Leiobunum inclusum* Roewer, 1939 Pa Baltic amber
- † **Mesobunus Huang, Selden & Dunlop, 2009** **Jurassic**
25. *Mesobunus dunlopi* Giribet, Tourhino, Shih & Ren, 2012 J Daohugou
26. *Mesobunus martensi* Huang, Selden & Dunlop, 2009* J Daohugou

FAMILY UNCERTAIN

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

27. <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
28. <i>Ameticos scolos</i> Garwood <i>et al.</i> 2011*	C Montceau-les-Mines
† <i>Echinopustulatus</i> Dunlop, 2004	Carboniferous
29. <i>Echinopustulatus samuelnelsoni</i> Dunlop, 2004*	C Missouri
ACROPSOPILIONOIDEA Roewer, 1924	Recent
Shear & Warfel (2016) suggested that the extinct family Halithersidae may belong to Acropsopilionoidea	
ACROPSOPILIONIDAE Roewer, 1924	Recent
no fossil record	
† HALITHERSIDAE Dunlop, Selden & Giribet, 2016	Cretaceous
† <i>Halitherses</i> Giribet & Dunlop, 2005	Cretaceous
30. <i>Halitherses grimaldii</i> Giribet & Dunlop, 2005*	K Burmese amber
ISCHYROPSALIDOIDEA Simon, 1879a	Palaeogene – Recent
† <i>Piankhi</i> Dunlop, Bartel & Mitov, 2012	Palaeogene
tentative assignment, family uncertain	
31. <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
32. <i>Sabacon claviger</i> (Menge <i>in</i> Koch & Berendt 1854) ..	Pa Baltic / Rovno amber
i. = <i>Sabacon bachofeni</i> Roewer, 1939	Pa Baltic amber
TROGULOIDEA Sundevall, 1833	Cretaceous – Recent
DICRANOLASMATIDAE Simon, 1879a	Recent
no fossil record	
† EOTROGULIDAE Petrunkevitch, 1955a	Carboniferous
† <i>Eotrogulus</i> Thevenin, 1901	Carboniferous
33. <i>Eotrogulus fayoli</i> Thevenin, 1901*	C Commentry
NEMASTOMATIDAE Simon, 1879a	Palaeogene – Recent

† Parahisticostoma Mitov, Perkovsky & Dunlop, 2021	Palaeogene
34. <i>Parahisticostoma tuberculatum</i> (C. L. Koch & Berendt, 1854)*	Pa European ambers
Mitostoma Roewer, 1951	Palaeogene – Recent
35. ? <i>Mitostoma denticulatum</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Nemastoma succineum</i> Roewer, 1939	Pa Baltic amber
36. ? <i>Mitostoma gruberi</i> Dunlop & Mitov, 2009	Pa Baltic/Bitter. amber
Nemastoma C. L. Koch, 1836	Palaeogene – Recent
37. ? <i>Nemastoma incertum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Paragiljarovia Elsaka, Mitov & Dunlop, 2019	Palaeogene
38. <i>Paragiljarovia hochae</i> Elsaka, Mitov & Dunlop, 2019*	Pa Baltic amber
† NEMASTOMOIDIDAE Petrunkevitch, 1955a	Carboniferous
Kury <i>et al.</i> (2020) provided a modern rationale for retaining this extinct family in Dyspnoi	
† Nemastomoides Thevenin, 1901	Carboniferous
= † <i>Protopilio</i> Petrunkevitch, 1913	
39. <i>Nemastomoides elaveris</i> Thevenin, 1901*	C Comentry
NIPPONOSALIDIDAE Martens, 1976	Recent
no fossil record	
TROGULIDAE Sundevall, 1833	Palaeogene – Recent
Trogulus Latreille, 1802	Palaeogene – Recent
assignment to this modern genus is probably dubious	
40. <i>Trogulus longipes</i> Haupt, 1956	Pa Geiseltal
LANIATORES Thorell, 1876c (suborder)	Cretaceous – Recent
LANIATORES INDET.	
Laniatores indet. in Bartel <i>et al.</i> (2021)	K Burmese amber
FAMILY UNCERTAIN	
Philacarus Sørensen, 1932	Neogene – Recent
41. <i>Philacarus hispaniolensis</i> Cokendolpher & Poinar, 1992	Ne Dominican amber
INSIDIATORES Loman, 1900 (infraorder)	Palaeogene – Recent
Insidiatores indet in Bartel <i>et al.</i> (2022)	Pa Baltic amber
TRAVUNIOIDEA Absolon & Kratochvíl, 1932	Palaeogene – Recent
FAMILY INCERTAE SEDIS	
† Baltonychia Bartel, Derkarabetian & Dunlop, 2022	Palaeogene
42. <i>Baltonychia obscura</i> Bartel, Derkarabetian & Dunlop, 2022*	Pa Baltic amber
CLADONYCHIDAE Hadži, 1935	Palaeogene – Recent
† Proholoscotolemon Ubick & Dunlop, 2005	Palaeogene
43. <i>Proholoscotolemon nemastomoides</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber

? <i>Proholoscotolemon</i> sp. in Ubick & Dunlop (2005)	Pa Baltic amber
cf. <i>Proholoscotolemon</i> sp. in Bartel & Dunlop (2019)	Pa Baltic amber
PENTANYCHIDAE Briggs, 1971	Recent
no fossil record	
TRAVUNIIDAE Absolon & Kratochvíl, 1932	Recent
no fossil record	
TRIAENONYCHOIDEA Sørensen, 1886	Recent
SYNTHETONYCHIIDAE Forster, 1954	Recent
no fossil record	
TRIAENONYCHIDAE Sørensen, 1886	Recent
no fossil record	
GRASSATORES Kury, 2002 (infraorder)	Cretaceous – Recent
SAMOIDEA Sørensen, 1886	Neogene – Recent
BIANTIDAE Thorell, 1889	Recent
no fossil record	
ESCADABIIDAE Kury & Pérez González in Kury, 2003	Recent
no fossil record	
KIMULIDAE Pérez González, Kury & Alonso-Zarazaga in Pérez González & Kury,	
2007	Neogene – Recent
<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	
SAMOIDEAE Sørensen, 1886	Neogene – Recent
<i>Hummelinckiolus</i> Šilhavý, 1979	Neogene – Recent
44. <i>Hummelinckiolus silhavyi</i> Cokendolpher & Poinar, 1998	Ne Dominican amber
<i>Pellobunus</i> Banks, 1905	Neogene – Recent
45. <i>Pellobunus proavus</i> Cokendolpher, 1987	Ne Dominican amber
STYGNOMMATIDAE Roewer, 1923	Recent
no fossil record	
ASSAMIOIDEA Sørensen, 1884	Cretaceous – Recent
ASSAMIIDAE Sørensen, 1884	Recent

no fossil record

EPEDANIDAE Sørensen, 1886 **Cretaceous – Recent**

† ***Biungulus* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021** **Cretaceous**

46. *Biungulus xiai* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021* K Burmese amber

† ***Gigantocheles* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021** **Cretaceous**

47. *Gigantocheles xiai* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021* K Burmese amber

† ***Petrobunoides* Selden, Dunlop, Giribet, Zhang & Ren, 2016** **Cretaceous**

48. *Petrobunoides sharmai* Selden, Dunlop, Giribet, Zhang & Ren, 2016* K Burmese amber

BELONISCIDAE Kury, Pérez-González & Proud, 2019 **Cretaceous – Recent**

† ***Palaeobeloniscus* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021** **Cretaceous**

49. *Palaeobeloniscus thilolebi* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021* K Burmese amber

PETROBUNIDAE Sharma & Giribet, 2011 **Recent**

no fossil record

PYRAMIDOPIDAE Sharma, Prieto & Giribet, 2011 **Recent**

† ***Protopyramidops* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021** **Cretaceous**

50. *Protopyramidops nalae* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021* K Burmese amber

STYGNOPSIDAE Sørensen, 1932 **Recent**

no fossil record

TITHAEIDAE Sharma & Giribet, 2011 **Cretaceous–Recent**

† ***Ellenbergellus* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021** **Cretaceous**

51. *Ellenbergellus tuberculatus* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021* K Burmese amber

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**

SANDOKANIDAE Özdikmen & Kury, 2007 **Recent**

= ONCOPODIDAE Thorell, 1876c [homonym]

no fossil record

† **MESOKANIDAE Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021** **Cretaceous**

† *Mesokanus* Bartel, Dunlop, Sharma, Selden, Ren & Shih, 2021 **Cretaceous**

52. *Mesokanus oehmkuehnei* Bartel, Dunlop, Sharma, Selden, Ren &

Shih, 2021* **K** Burmese amber

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 / SUBORDER *incertae sedis*

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

unnamed specimen *in* Palencia *et al.* (2019) **K** Las Hoyas

† ***Arachnometa* Petrunkevitch, 1949** **Carboniferous**

53. *Arachnometa tuberculata* Petrunkevitch, 1949* **C** Coseley

originally misidentified as a spider, transferred to Opiliones by Selden *et al.* (2016)

NOMINA DUBIA

1. *Cheiomachus coriaceus* Menge *in* Koch & Berendt, 1854 **Pa** Baltic amber

2. *Phalangium succineum* Presl, 1822 [may not be a harvestman] Pa Baltic amber

MISIDENTIFICATIONS

1. *Alilphitrogulus sternalis* Gourret, 1886 [spider?] Pa Aix-en-Provence
2. *Devonopilio hutchinsoni* Tihelka, Tian & Cai, 2020 [Arthropoda *incertae sedis*;
see Pérez-González & Shultz (2021)] D Rhynie chert
3. *Hasseltides primigenius* Weyenbergh, 1869 [crinoid] J Solnhofen
4. *Oligoopilionus aquaticus* Ciobanu, 1977 [Arthropoda *incertae sedis*] Pa Piatra Neamț
5. *Phalangillum hirsutum* Gourret, 1886 [spider?] Pa Aix-en-Provence
6. *Phalangites multipes* Münster in Roth, 1851 [crustacean] J Solnhofen
7. *Phalangites priscus* Münster, 1839 [crustacean] J Solnhofen
8. *Rhabdotarachnoides simoni* Haupt, 1957 [plant fragment?] P Rotliegend
probably not a name in zoology!

6,637 Recent species according to Kury et al. (2020)

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
† <i>Metatarbus</i> Petrunkevitch, 1913	Carboniferous
19. <i>Metatarbus triangularis</i> Petrunkevitch, 1913*	C Mazon Creek
† <i>Ootarbus</i> Petrunkevitch, 1945a	Carboniferous
20. <i>Ootarbus pulcher</i> Petrunkevitch, 1945a*	C Mazon Creek
21. <i>Ootarbus ovatus</i> Petrunkevitch, 1945a	C Mazon Creek
† <i>Orthotarbus</i> 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
† <i>Paratarbus</i> Petrunkevitch, 1945a	Carboniferous
26. <i>Paratarbus carbonarius</i> Petrunkevitch, 1945a*	C Mazon Creek
† <i>Phalangiotarbus</i> Haase, 1890	Carboniferous
27. <i>Phalangiotarbus subovalis</i> (Woodward, 1872b)*	C Burnley
† <i>Pycnotarbus</i> Darber, 1990	Carboniferous
28. <i>Pycnotarbus verrucosus</i> Darber, 1990*	C Oelsnitz
† <i>Triangulotarbus</i> Patrick, 1989	Carboniferous
29. <i>Triangulotarbus terrehautensis</i> Patrick, 1989*	C Indiana
† HETEROTARBIDAE Petrunkevitch, 1913	Carboniferous
† <i>Heterotarbus</i> Petrunkevitch, 1913	Carboniferous
30. <i>Heterotarbus ovatus</i> Petrunkevitch, 1913*	C Mazon Creek
† OPILIOTARBIDAE Petrunkevitch, 1945a	Carb. – Permian
† <i>Opiliotarbus</i> 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

57 currently valid species of fossil pseudoscorpion

PSEUDOSCORPIONES De Geer, 1778	Devonian – Recent
= CHERNETES Simon, 1879a	
† PALAEOSPHYRONIDA Harvey <i>in</i> Benavides <i>et al.</i>, 2019	Devonian
† DRACOCHELOIDEA Schawaller, Shear & Bonamo, 1991	Devonian
† DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991	Devonian
† <i>Dracochela</i> Schawaller, Shear & Bonamo, 1991	Devonian
1. <i>Dracochela deprehendor</i> Schawaller, Shear & Bonamo, 1991*	D Gilboa
HETEROSYPHRONIDA Chamberlin, 1929	Cretaceous – Recent
CHTHONOIDEA Daday, 1889	Cretaceous – Recent
CHTHONIIDAE Daday, 1889	Cretaceous – Recent
= DITHIDAE Chamberlin, 1929	
= LECHYTIDAE Chamberlin, 1929	
= TRIDENCHTHONIIDAE Balzan, 1892	
Chthoniidae indet. <i>in</i> Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
† <i>Chelignathus</i> Menge, 1854	Palaeogene
2. <i>Chelignathus kochii</i> Menge <i>in</i> Koch & Berendt 1854*	Pa Baltic amber
<i>Chthonius</i> C. L. Koch, 1843a	Palaeogene – Recent
3. <i>Chthonius (Chthonius) mengei</i> Beier, 1937	Pa Baltic amber
4. <i>Chthonius (Chthonius) pristinus</i> Schawaller, 1978	Pa Baltic amber
<i>Lechytia</i> Balzan, 1892	Neogene – Recent
5. <i>Lechytia tertiaria</i> Schawaller, 1980a	Ne Dominican amber
<i>Paraliochthonius</i> Beier, 1956	Neogene – Recent
6. <i>Paraliochthonius miomaya</i> Judson, 2016	Ne Chiapas amber
† <i>Prionochothonius</i> Wriedt, Harvey, Hammel, Kotthoff & Harms, 2021	Cretaceous
7. <i>Prionochothonius burmiticus</i> Wriedt, Harvey, Hammel, Kotthoff & Harms, 2021*	K Burmese amber
<i>Pseudochthonius</i> Balzan, 1892	Neogene – Recent
8. <i>Pseudochthonius squamosus</i> Schawaller, 1980a	Ne Dominican amber
<i>Tyrannchthonius</i> Chamberlin, 1929	Neogene – Recent
<i>Tyrannchthonius</i> sp. <i>in</i> Judson (2010)	Qt Madagascan copal
<i>Tyrannchthonius</i> sp. <i>in</i> Judson (2016)	Ne Chiapas amber
† <i>Weygoldtiella</i> Harvey <i>et al.</i>, 2018	Cretaceous
9. <i>Weygoldtiella plausus</i> Harvey <i>et al.</i> , 2018	K Burmese amber

LECHYTIDAE Chamberlin, 1929	Neogene – Recent
no fossil record	
PSEUDOTYRANNOCHTHONIIDAE Balzan, 1892	Palaeogene – Recent
<i>Allochthonius</i> Chamberlin, 1929	Palaeogene – Recent
10. <i>Allochthonius balticus</i> Schwarze, Harms, Hammel & Kotthoff, 2021	Pa Baltic amber
<i>Centrochthonius</i> Beier, 1931	Palaeogene – Recent
11. <i>Centrochthonius bitterfeldicus</i> Schwarze, Harms, Hammel & Kotthoff, 2021	Pa Bitterfeld amber
Pseudotyrannochthoniidae indet. in Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
HOMOSYPHRONIDA Chamberlin, 1929	Triassic – Recent
ATOPOSYPHRONIDA Harvey in Benavides <i>et al.</i>, 2019	Triassic – Recent
FEAELLOIDEA Ellingsen, 1906	Triassic – Recent
FEAELLIDAE Ellingsen, 1906	Triassic – Recent
† <i>Archaeofeaella</i> Kolesnikov, Turbanov, Eskov, Propistsova & Bashkuev, 2022	Triassic
12. <i>Archaeofeaella henderickxi</i> Kolesnikov, Turbanov, Eskov, Propistsova & Bashkuev, 2022*	T Ukraine
<i>Feaella</i> (<i>Tetrafeaella</i>) Beier, 1955	Palaeogene – Recent
13. <i>Feaella</i> (<i>Tetrafeaella</i>) <i>groehni</i> Henderickx in Henderickx & Boone, 2014	Pa Baltic amber
† <i>Protofeaella</i> Henderickx in Henderickx & Boone, 2014	Cretaceous
14. <i>Protofeaella peetersae</i> Henderickx in Henderickx & Boone, 2016*	K Burmese amber
PSEUDOGARYPIDAE Chamberlin, 1923a	Palaeogene – Recent
Pseudogarypidae indet. in Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
<i>Pseudogarypus</i> Ellingsen, 1909	Palaeogene – Recent
15. <i>Pseudogarypus extensus</i> Beier, 1937	Pa Baltic amber
16. <i>Pseudogarypus hemprichii</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
17. <i>Pseudogarypus minor</i> Beier, 1947a	Pa Baltic/Rovno amber
18. <i>Pseudogarypus pangaea</i> Henderickx in Henderickx <i>et al.</i> , 2006	Pa Baltic amber
19. <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
† <i>Proalbiorix</i> Geißler, Kotthoff, Hammel, Harvey & Harms, 2022	Cretaceous
20. <i>Proalbiorix compactus</i> Geißler, Kotthoff, Hammel, Harvey & Harms, 2022	K Burmese amber
21. <i>Proalbiorix gracilis</i> Geißler, Kotthoff, Hammel, Harvey & Harms, 2022 ..	K Burmese amber
NEOBISIIDAE Chamberlin, 1930	Palaeogene – Recent
= OBISIIDAE Sundevall, 1833	
Neobisiidae indet. <i>in</i> Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
<i>Microcreagris</i> Balzan, 1892	Palaeogene – Recent
22. <i>Microcreagris koellnerorum</i> Schawaller, 1978	Pa Baltic amber
<i>Neobisium</i> Chamberlin, 1930	Palaeogene – Recent
23. <i>Neobisium (Neobisium) extinctum</i> Beier, 1955	Pa Baltic amber
24. <i>Neobisium henderickxi</i> Judson, 2003	Pa Baltic amber
<i>Roncus</i> L. Koch, 1873	Palaeogene – Recent
25. <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	Palaeogene – Recent
GARYPIDAE Simon, 1879a	Recent
= SYNSPHRONIDAE Beier, 1932a	
no fossil record	
GEOGARYPIDAE Chamberlin, 1930	Palaeogene – Recent
Geogarypidae indet. <i>in</i> Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
<i>Geogarypus</i> Chamberlin, 1930	Palaeogene – Recent
26. <i>Geogarypus gorskii</i> Henderickx, 2005	Pa Baltic/Rovno amber
27. <i>Geogarypus macrodactylus</i> Beier, 1937	Pa Baltic amber
28. <i>Geogarypus major</i> Beier, 1937	Pa Baltic amber
HESPEROLPIIDAE Chamberlin, 1930	Recent
no fossil record	
MENTHIDAE Chamberlin, 1930	Recent

no fossil record

OLPIIDAE Banks, 1895 **Palaeogene – Recent**

no fossil record

GARYPINOIDEA Daday, 1889 **Cretaceous – Recent**

GARYPINIDAE Daday, 1889 **Cretaceous – Recent**

Garypinidae indet. *in* Ahrens *et al.* (2019) Pa Bitterfeld amber

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

29. *Amblyolpium burmiticum* (Cockerell, 1920) K Burmese amber

Garypinus Daday, 1888 **Palaeogene – Recent**

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

LARCIDAE Harvey, 1992 **Recent**

no fossil record

CHEIRIDIOIDEA Hansen, 1894 **Cretaceous – Recent**

CHEIRIDIIDAE Hansen, 1894 **Cretaceous – Recent**

Cheiridiidae indet. *in* Ahrens *et al.* (2019) Pa Bitterfeld amber

Cheiridium Menge, 1855 **Palaeogene – Recent**

31. *Cheiridium hartmanni* (Menge *in* Koch & Berendt 1854) Pa Baltic amber

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

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

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

33. *Electrobisium acutum* Cockerell, 1917a* K Burmese amber

† **Procheiridium Porta, Michalik, Franchi & Proud, 2020a** **Cretaceous**

34. *Procheiridium judsoni* Porta, Michalik, Franchi & Proud, 2020a* K Burmese amber

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

Pseudochiridium With, 1906 **Neogene – Recent**

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

STERNOPHOROIDEA Chamberlin, 1923b **Neogene – Recent**

STERNOPHORIDAE Chamberlin, 1923b **Neogene – Recent**

Idiogaryops Hoff, 1963 **Neogene – Recent**

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

CHELIFEROIDEA Risso, 1826 **Cretaceous – Recent**

ATEMNIDAE Kishida, 1929 **Palaeogene – Recent**

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

Atemnidae indet. *in* Ahrens *et al.* (2019) Pa Bitterfeld amber

Paratemnoides Harvey, 1991 **Neogene – Recent**

37. <i>Paratemnoides nidificator</i> (Balzan, 1888) [Recent]	Qt–R Colombian copal
<i>Paratemnoides</i> (?) sp. in Judson (2016)	Ne Chiapas amber
† Progonatemnus Beier, 1955	Palaeogene
38. <i>Progonatemnus succineus</i> Beier, 1955*	Pa Baltic amber
CHELIFERIDAE Risso, 1827	Cretaceous – Recent
Cheliferidae? indet. in Judson (2009)	K Archingeay amber
Cheliferidae indet. in Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
Cheliferini gen. sp. indet. in Judson (2016)	Ne Chiapas amber
† Dichela Menge, 1854	Palaeogene
= † <i>Oligochelifer</i> Beier, 1937	
39. <i>Dichela berendtii</i> Menge in Koch & Berendt 1854*	Pa Baltic amber
40. <i>Dichela gracilis</i> (Beier, 1937)	Pa Baltic amber
41. <i>Dichela granulatus</i> (Beier, 1937)	Pa Baltic amber
42. <i>Dichela serratidentatus</i> (Beier, 1937)	Pa Baltic amber
† Electrochelifer Beier, 1937	Palaeogene
43. <i>Electrochelifer bachofeni</i> Beier, 1947a	Pa Baltic amber
44. <i>Electrochelifer balticus</i> Beier, 1955	Pa Baltic amber
45. “ <i>Electrochelifer</i> ” <i>groehni</i> Dashdamirmov, 2008	Pa Baltic amber
46. <i>Electrochelifer mengei</i> Beier, 1937*	Pa Baltic amber
47. <i>Electrochelifer rapulitarsatus</i> Beier, 1947a	Pa Baltic amber
† Heurtaulia Judson, 2009 [tentative referral to family]	Cretaceous
48. <i>Heurtaulia rossiorum</i> Judson, 2009	K Archingeay amber
† Pycnochelifer Beier, 1937	Palaeogene
49. <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
50. <i>Trachychelifer liaoningense</i> Hong, 1983b*	Pa Chinese amber
CHERNETIDAE Menge, 1855	Cretaceous – Recent
Chernetidae indet. in Schawaller (1991)	K Canadian amber
Chthoniidae indet. in Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
Chernetidae indet. in Schawaller (1982b)	Ne Chiapas amber
Byrsochnes Beier, 1959	Neogene – Recent
= † <i>Mayachnes</i> Riquelme, Piedra-Jiménez & Córdova-Tabares, 2014 in Riquelme <i>et al.</i> (2014)	
51. <i>Byrsochnes maatiatus</i> (Riquelme, Piedra-Jiménez & Córdova-Tabares, 2014 in Riquelme <i>et al.</i> (2014))	Ne Chiapas amber
Lustrochnes Beier, 1932	Neogene – Recent
<i>Lustrochnes</i> (?) sp. 1–2 in Judson (2016)	Ne Chiapas amber
† Oligochnes Beier, 1937	Palaeogene
52. <i>Oligochnes bachofeni</i> Beier, 1937	Pa Baltic amber

53. <i>Oligochernes wigandi</i> (Menge in Koch & Berendt 1854)	Pa Baltic amber
<i>Pachychernes</i> Beier, 1932b	Neogene – Recent
54. <i>Pachychernes effossus</i> Schawaller, 1980b	Ne Dominican amber
55. <i>Pachychernes</i> aff. <i>subrobustus</i> (Balzan, 1892)	Qt–R Colombian copal
WITHIIDAE Chamberlin, 1931b	Palaeogene – Recent
Withiidae indet. in Ahrens <i>et al.</i> (2019)	Pa Bitterfeld amber
† <i>Beierowithius</i> Mahnert, 1979	Palaeogene
56. <i>Beierowithius sieboldtii</i> (Menge in Koch & Berendt 1854)*	Pa Baltic amber
<i>Withius</i> Kew, 1911	Quaternary – Recent
57. <i>Withius eucarpus</i> (Dalman, 1826)	Qt East African opal

NOMUM DUBIUM

1. <i>Chelifer ehrenbergii</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
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NOMUM NUDUM

1. <i>Chelifer fossilis</i> Weyenbergh, 1874	J Solnhofen
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4,081 Recent species

SOLIFUGAE

6 currently valid species of camel spider

- *Schneidarachne* appears to show some solifuge-like features and was tentatively assigned to the stem-lineage of this order; for 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

SOLIFUGAE INCERTAE SEDIS

- † *Protosolpuga* Petrunkevitch, 1913 Carboniferous
2. *Protosolpuga carbonaria* Petrunkevitch, 1913* C Mazon Creek
- † *Cushingia* Dunlop, Bird, Brookhart & Bechly 2015 Cretaceous
3. *Cushingia ellenbergeri* Dunlop, Bird, Brookhart & Bechly 2015* K Burmese Amber

AMMOTRECHIDAE Roewer, 1934 Neogene – Recent

- † *Happlodontus* Poinar & Santiago-Blay, 1989 Neogene
4. *Happlodontus proterus* Poinar & Santiago-Blay, 1989* Ne Dominican amber

CEROMIDAE Roewer, 1933 Cretaceous – Recent

- † *Cratosolpuga* Selden *in* Selden & Shear, 1996 Cretaceous
5. *Cratosolpuga wunderlichi* Selden *in* Selden & Shear, 1996* K Crato Formation

DAESIIDAE Kraepelin, 1899 Palaeogene – Recent

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

EREMOBATIDAE Kraepelin, 1901 Recent

no fossil record

GALEODIDAE Sundevall, 1833 Recent

no fossil record

GYLIPPIDAE Roewer, 1933 Recent

no fossil record

HEXISOPODIDAE Pocock, 1897 **Recent**

no fossil record

KARSCHIIDAE Kraepelin, 1899 **Recent**

no fossil record

MELANOBLOSSIDAE Roewer, 1933 **Recent**

no fossil record

MUMMUCIIDAE Roewer, 1934 **Recent**

no fossil record

RHAGODIDAE Pocock, 1897 **Recent**

no fossil record

SOLPUGIDAE Leach, 1815 **Recent**

no fossil record

1,206 Recent species

PALPIGRADI

2 currently valid species of fossil palpigrade

PALPIGRADI Thorell, 1888 **Cretaceous – Recent**

= MICROTHELYPHONIDA Grassi & Calandruccio, 1885

family uncertain

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

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

EUKOENENIIDAE Petrunkevitch, 1955a **Cretaceous – Recent**

† ***Electrokoenenia* Engel & Huang in Engel *et al.*, 2016** **Cretaceous**

2. *Electrokoenenia yaksha* Engel & Huang in Engel *et al.*, 2016* K Burmese amber

PROKOENENIIDAE Condé, 1996 **Recent**

no fossil record

MISIDENTIFICATIONS

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

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

137 Recent species

ACARI: PARASITIFORMES

22 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?

OPIILIOACARIDA Zachvatkin, 1952 (suborder) **Cretaceous – Recent**

= NOTOSTIGMATA author, date?

OPIILIOACAROIDEA Vitzthum, 1931 **Cretaceous – Recent**

OPIILIOACARIDAE Vitzthum, 1931 **Cretaceous – Recent**

= NEOACARIDAE Chamberlin & Mulaik, 1942

Opilioacarus With, 1902 **?Cretaceous – Recent**

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

2. *?Opilioacarus groehni* Dunlop & Bernardi, 2014 K Burmese amber

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

3. *Paracarus pristinus* Dunlop, Wunderlich & Poinar, 2004 Pa Baltic amber

HOLOTHYRIDA Thorell, 1882 (suborder) **Recent**

= TETRASTIGMATA author, date?

HOLOTYHROIDEA Thorell, 1882 **Recent**

ALLOTHYRIDAE van der Hammen, 1972 **Recent**

no fossil record

HOLOTHYRIDAE Thorell, 1882 **Recent**

no fossil record

NEOTHYRIDAE Lehtinen, 1981 **Recent**

no fossil record

IXODIDA Leach, 1815 (suborder) **Cretaceous – Recent**

= METASTIGMATA author, date?

NUTALLIELLIDAE Schulze, 1935 **Recent**

no fossil record

† **DEINOCROTONIDAE Peñalver, Arillo, Anderson & Pérez-de la Fuente in Peñalver**

<i>et al.</i> , 2017	Cretaceous
† <i>Deinocroton</i> Peñalver, Arillo, Anderson & Pérez-de la Fuente <i>in</i> Peñalver <i>et al.</i> , 2017	Cretaceous
4. <i>Deinocroton copia</i> Chitimia-Dobler, Mans & Dunlop <i>in</i> Chitimia-Dobler <i>et al.</i> , 2022	K Burmese amber
5. <i>Deinocroton draculi</i> Peñalver, Arillo, Anderson & Perez-de la Fuente <i>in</i> Peñalver <i>et al.</i> , 2017*	K Burmese amber
† KHIMAIRIDAE Chitimia-Dobler, Mans & Dunlop <i>in</i> Chitimia-Dobler <i>et al.</i> , 2022	Cretaceous
† <i>Khimaira</i> Chitimia-Dobler, Mans & Dunlop <i>in</i> Chitimia-Dobler <i>et al.</i> , 2022	Cretaceous
6. <i>Khimaira fossus</i> Chitimia-Dobler, Mans & Dunlop <i>in</i> Chitimia-Dobler <i>et al.</i> , 2022*	K Burmese amber
ARGASIDAE Murray, 1877	Cretaceous – Recent
Carios Latreille, 1796	Cretaceous – Recent
7. <i>Carios jerseyi</i> Klompen & Grimaldi, 2001	K New Jersey amber
Ornithodoros C. L. Koch, 1844	Neogene – Recent
8. <i>Ornithodoros antiquus</i> Poinar, 1995	Ne Dominican amber
IXODIDAE Banks, 1907	Cretaceous – Recent
a putative <i>Hyalomma</i> in Baltic amber in de la Fuente (2003) is probably a caeculid mite, but see Estrada-Peña & de la Fuente (2018)	
Amblyomma C. L. Koch, 1844	Cretaceous – Recent
9. <i>Amblyomma</i> near <i>argentinae</i> Neumann, 1905 [Recent] (as <i>testudinis</i>) <i>in</i> Lane & Poinar (1986).....	Ne–R Dominican amber
10. <i>Amblyomma birmittum</i> Chitima-Dobler, Araujo, Ruthensteiner, Pfeffer & Dunlop, 2017.....	K Burmese amber
11. <i>Amblyomma</i> near <i>dissimile</i> C. L. Koch, 1844 [Recent] <i>in</i> Kierens <i>et al.</i> (1986)	Ne–R Dominican amber
<i>Amblyomma</i> sp. (Klompen <i>in</i> Grimaldi <i>et al.</i> 2002)	K Burmese amber
† Compluriscutula Poinar & Buckley, 2008	Cretaceous
12. <i>Compluriscutula vetulum</i> Poinar & Buckley, 2008*	K Burmese amber
† Cornupalpatum Poinar & Brown, 2003	Cretaceous
13. <i>Cornupalpatum burmanicum</i> Poinar & Brown, 2003*	K Burmese amber
Dermacentor C. L. Koch, 1844	Neogene – Recent
14. <i>Dermacentor</i> nr. <i>reticulatus</i> (Fabricius, 1794) [Recent] (<i>in</i> Kulczyński <i>in</i> Schille 1916).....	Ne–R in a Rhino's ear
Haemaphysalis C. L. Koch, 1844	Cretaceous – Recent
15. <i>Haemaphysalis (Alloceraea) cretacea</i> Chitimia-Dobler, Pfeffer & Dunlop, 2018	K Burmese amber
Ixodes Latreille, 1795	Cretaceous – Recent
16. <i>Ixodes antiquorum</i> Chitimia-Dobler, Mans & Dunlop <i>in</i> Chitimia-Dobler	

<i>et al.</i> , 2022	K	Burmese amber
17. <i>Ixodes sigelos</i> Keirans, Clifford & Corwin, 1976 [Recent]	Qt	Argentina
18. <i>Ixodes (Partipalpiger) succineus</i> Weidner, 1964	Pa	Baltic amber
MESOSTIGMATA G. Canestrini, 1891 (suborder)		Cretaceous – Recent
= GAMASIDA Leach, 1815		
SEJIDA Kramer, 1885 (infraorder)		Cretaceous – Recent
= LIROASPINA author, date?		
= TRICHOPYGIDIINA author, date?		
SEJOIDEA Berlese, 1885		Cretaceous – Recent
ICHTHYOSTOMATOGASTERIDAE Sellnick, 1953		Recent
no fossil record		
SEJIDAE Berlese, 1885		Cretaceous – Recent
= LIROASPIDIDAE Trägårdh, 1946		
Sejidae indet. <i>in</i> Joharchi <i>et al.</i> (2021)	K	Burmese 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 & Gorirossi, 1955 (infrorder)	Palaeogene – Recent
MICROGYNIINA Trägårdh, 1942 (cohort)	Palaeogene –Recent
MICROGYNIOIDEA Trägårdh, 1942	Palaeogene –Recent
<i>Microgynoidea</i> sp. <i>in</i> Dunlop <i>et al.</i> (2013)	Pa Baltic amber
MICROGYNIIDAE Trägårdh, 1942	Recent
= MICROSEJIDAE Trägårdh, 1942	
no fossil record	
NOTHOGYNIDAE Walter & Kranz, 1999	Recent

no fossil record

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

HEATHERELLOIDEA Walter, 1997 **Recent**

HEATHERELLIDAE Walter, 1997 **Recent**

no fossil record

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

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

PROTODINYCHOIDEA Evans, 1957 **Recent**

PROTODINYCHIDAE Evans, 1957 **Recent**

no fossil record

THINOZERCONOIDEA Halbert, 1915 **Recent**

THINOZERCONIDAE Halbert, 1915 **Recent**

no fossil record

POLYASPIDOIDEA Berlese, 1913 **Recent**

DITHINOZERCONIDAE Ainscough, 1979 **Recent**

no fossil record

POLYASPIDIDAE Berlese, 1913 **Recent**

no fossil record

TRACHYTIDAE Trägårdh, 1938 **Recent**

no fossil record

UROPODOIDEA Kramer, 1881 **Palaeogene – Recent**

BALOGHJKASZABIIDAE Hirschmann, 1979 **Recent**

no fossil record

BRASILUROPODIDAE Hirschmann, 1979 **Recent**

no fossil record

CILLIBIDAE Trägårdh, 1944 **Recent**

no fossil record

CLAUSIADINYCHIDAE Hirschmann, 1979 **Recent**

no fossil record

CIRCOCYLLIBAMIDAE Sellnick, 1926 **Recent**

no fossil record

- CYLLIBULIDAE Hirschmann, 1979** **Recent**
no fossil record
- DERAIOPHORIDAE Trägårdh, 1952** **Recent**
no fossil record
- DINYCHIDAE Berlese, 1916** **Recent**
no fossil record
- DISCOURELLIDAE Baker & Wharton, 1952** **Recent**
no fossil record
- EUTRACHYTIDAE Trägårdh, 1944** **Recent**
no fossil record
- HUTUFEIDERIIDAE Hirschmann, 1979** **Recent**
no fossil record
- KASZABJBALOGHIIDAE Hirschmann, 1979** **Recent**
no fossil record
- MACRODINYCHIDAE Hirschmann, 1979** **Recent**
no fossil record
- METAGYNURIDAE Balogh, 1943** **Recent**
no fossil record
- NENTERIIDAE Hirschmann, 1979** **Recent**
no fossil record
- OPLITIDAE Johnston, 1968** **Recent**
no fossil record
- PHYMATODISCIDAE Hirschmann, 1979** **Recent**
no fossil record
- PRODINYCHIDAE Berlese, 1917** **Recent**
no fossil record
- ROTUNDABALOGHIIDAE Hirschmann, 1979** **Recent**
no fossil record
- TERASEJASPIDAE Hirschmann, 1979** **Recent**

no fossil record

TREMATURIDAE Berlese, 1917 **?Palaeogene – Recent**

= TREMATURELLIDAE Trägårdh, 1944

?Trematuridae *in* Lyubarsky & Perkovsky (2012) Pa Rovno amber

Trichouropoda Berlese, 1916 **?Palaeogene – Recent**

?*Trichouropoda* sp. [as *Oodinychus* sp.] *in* Ramsay (1960) Qt New Zealand

TRICHOCYLLIBIDAE Hirschmann, 1979 **Recent**

no fossil record

TRICHOUROPODELLIDAE Hirschmann, 1979 **Recent**

no fossil record

TRIGONUPODIDAE Hirschmann *in* Wisniewski, 1979 **Recent**

no fossil record

UROACTINIIDAE Hirschmann & Zirngiebl-Nicol, 1964 **Recent**

no fossil record

URODIASPIDIDAE Trägårdh, 1944 **Recent**

no fossil record

URODINYCHIDAE Berlese, 1917 **Palaeogene – Recent**

***Uroobovella* Berlese, 1903** **?Palaeogene – Recent**

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

UROPODIDAE Kramer, 1881 **Recent**

no fossil record

TRACHYUROPODOIDEA Berlese, 1917 **Recent**

TRACHYUROPODIDAE Berlese, 1917 **Recent**

no fossil record

DIARTHROPHALLIAE Trägårdh, 1946 (subcohort) **Recent**

DIARTHROPHALLOIDEA Trägårdh, 1946 **Recent**

DIARTHROPHALLIDAE Trägårdh, 1946 **Recent**

no fossil record

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

HETEROZERCONOIDEA Berlese, 1892 **Recent**

DISCOZERCONIDAE Berlese, 1910 **Recent**

no fossil record

HETEROZERCONIDAE Berlese, 1892 **Recent**

no fossil record

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

Gamasina indet. *in* Perkovsky *et al.* (2007) Pa Rovno amber

EPICRIIAE Vitzthum, 1938 (subcohort) **Neogene – Recent**

EPICRIOIDEA Berlese, 1885 **Recent**

EPICRIIDAE Berlese, 1885 **Recent**

no fossil record

ZERCONOIDEA Berlese, 1892 **Neogene – Recent**

COPROZERCONIDAE Moraza & Lindquist, 1999 **Recent**

no fossil record

ZERCONIDAE Berlese, 1892 **Neogene – Recent**

† *Paleozercon* Błaszak, Cokendolpher & Polyak, 1995 **Neogene**

19. *Paleozercon cavernicolus* Błaszak, Cokendolpher & Polyak, 1995 Ne New Mexico

ARCTACARIAE Johnston, 1982 (subcohort) **Recent**

ARCTACAROIDEA Evans, 1955 **Recent**

ARCTACARIDAE Evans, 1955 **Recent**

no fossil record

PARASITIAE Reuter, 1909 (subcohort) **Palaeogene – Recent**

PARASITOIDEA Oudemans, 1901 **Palaeogene – Recent**

PARASITIDAE Oudemans, 1901 **Palaeogene – Recent**

?Parasitidae indet. *in* Dunlop & Falkenhagen (2014) Qt Germany

Aclerogamasus Athias, 1971 **Palaeogene – Recent**

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

Gamasus Latreille, 1802 **?Palaeogene – Recent**

21. *Gamasus fossils* Mani, 1945 [generic affinities questionable] Pa Worli Hill, India

DERMANYSSIAE Evans & Till, 1997 (subcohort) **Palaeogene – Recent**

VEIGAIIOIDEA Oudemans, 1939 **Recent**

VEIGAIIDAE Oudemans, 1939 **Recent**

= **GAMASOLAELAPTIDAE Oudemans, 1939**

no fossil record

RHODACAROIDEA Oudemans, 1902 **Palaeogene – Recent**

DIGAMASELLIDAE Evans, 1954 ...[or 57?]..... **Palaeogene – Recent**

Digamasellidae sp. <i>in</i> Perkovsky <i>et al.</i> (2007).....	Pa Rovno amber
<i>Dendrolaelaps</i> Halbert, 1915	Neogene – Recent
22. <i>Dendrolaelaps fossilis</i> Hirschman, 1971	Ne Chiapas amber
EURYPARASITIDAE d’Antony, 1987	Recent
no fossil record	
GAMASIPHIDAE author, date?	Recent
no fossil record	
LAELAPTONYSSIDAE Womersley, 1956	Recent
no fossil record	
OLOGAMASIDAE Ryke, 1962	Recent
no fossil record	
PANTENIPHIDIDAE d’Antony, 1987	Recent
no fossil record	
RHODACARIDAE Oudemans, 1902	Recent
no fossil record	
TERANYSSIDAE Halliday, 2006	Recent
no fossil record	
EVIPHIDOIDEA Berlese, 1913	Quaternary–Recent
EVIPHIDIDAE Berlese, 1913	Recent
no fossil record	
MACROCHELIDAE Vitzthum, 1930	Quaternary–Recent
<i>Macrocheles</i> Latreille, 1829	Quaternary–Recent
<i>Macrocheles</i> sp. <i>in</i> 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 Hughes, 1961	Recent
no fossil record	
ASCIDAE Voigts & Oudemans, 1905	?Palaeogene – Recent
? <i>Ascidae</i> sp. in Dunlop <i>et al.</i> (2013)	Pa Baltic amber
HALOLAELAPIDAE Karg, 1965	Recent
no fossil record	
MELICCHARIDAE Hirschmann, 1962	Recent
no fossil record	
PODOCINIDAE Berlese, 1913	Quarternary – Recent
Podocinidae sp. in Aoki (1974)	Qt Mizunami copal
PHYTOSEIOIDEA Berlese, 1916	Recent
BLATTISCOIIDAE Garman, 1948	Recent
no fossil record	
OTOPHEIDOMENIDAE Treat, 1955	Recent
no fossil record	
PHYTOSEIIDAE Berlese, 1916	Recent
no fossil record	
DERMANYSSOIDEA Kolenati, 1859	Palaeogene – Recent
DASYPONYSSIDAE Fonseca, 1940	Recent
no fossil record	
DERMANYSSIDAE Kolenati, 1859	Recent
no fossil record	
ENTONYSSIDAE Ewing, 1922	Recent
no fossil record	
HAEMOGAMASIDAE Oudemans, 1939	Recent
no fossil record	
HALARACHNIDAE Oudemans, 1906	Recent
no fossil record	

HIRSTIONYSSIDAE Evans & Till, 1966	Recent
no fossil record	
HYSTRICHONYSSIDAE Keegan, Yunker & Baker, 1960	Recent
no fossil record	
IPHIOPSIDIDAE Kramer, 1886	Recent
no fossil record	
IXODORHYNCHIDAE Ewing, 1923	Recent
no fossil record	
LAELAPIDAE Berlese, 1892	Palaeogene – Recent
<i>Myrmozercon</i> Berlese, 1902	Palaeogene – Recent
<i>Myrmozercon</i> sp. in Dunlop <i>et al.</i> (2014)	Pa Baltic amber
LARVAMIMIDAE Elzinga, 1993	Recent
no fossil record	
LEPTOLAELAPIDAE Karg, 1978	Recent
no fossil record	
MACRONYSSIDAE Oudemans, 1936	Recent
no fossil record	
MANITHERIONYSSIDAE Radovsky & Yunker, 1971	Recent
no fossil record	
OMENTOLAELAPTIDAE Fain, 1961	Recent
no fossil record	
PNEUMOPHIONYSSIDAE Fonseca, 1940	Recent
no fossil record	
RAILLIETIIDAE Vitzthum, 1942	Recent
no fossil record	
RHINONYSSIDAE Trouessart, 1895	Recent
no fossil record	
SPELAEORHYNCHIDAE Oudemans, 1902	Recent
no fossil record	
SPINTURNICIDAE Oudemans, 1902	Recent

no fossil record

TRICHOASPIDIDAE Gu, Wang & Li, 1991 **Recent**

no fossil record

VARROIDAE Delfinado & Baker, 1974 **Recent**

no fossil record

nomina dubia

1. *Ixodes tertarius* Scudder, 1885 Pa Wyoming
2. *Sejus bdelloides* C. L. Koch & Berendt, 1854 Pa Baltic amber
not a parasitiform mite, probably ?Anystoidea *incertae sedis* according to Dunlop *et al.* (2018)

c. 12,500 Recent species

ACARIFORMES

347 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 described by Bernini *et al.* (2002) and assigned to the derived Brachypylina group of the oribatids remains controversial and is not formally listed below
- several fossils from the Triassic of India were described (Kumar & Kumar 1999) and subsequently named (Kumar 2004) as fossil lice, but are almost certainly prostigmatid and oribatid mites probably representing modern contaminants (Dalglish *et al.* 2006)

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
<i>Bdellidae</i> sp. <i>in</i> Aoki (1974)	Qt Mizunami copal
<i>Bdella</i> Latreille, 1795	Cretaceous – Recent
4. <i>Bdella bicincta</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
5. <i>Bdella bombycina</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
6. <i>Bdella obconica</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
7. <i>Bdella vetusta</i> Ewing, 1937	K Canadian amber
<i>Bdellodes</i> Oudemans, 1937	Palaeogene – Recent
8. <i>Bdellodes lata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
<i>Odontoscirus</i> Thor, 1913	Cretaceous – Recent
9. <i>Odontoscirus cretacio</i> Porta, Proud, Michalik & Hernandez, 2020 <i>b</i>	K Burmese 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	Palaeogene – Recent
Eupodidae indet. <i>in</i> Moiseeva <i>et al.</i> (2022)	Pa South China
ERIORHYNCHIDAE Qin & Halliday, 1997	Recent
no fossil record	
PENTAPALPIDAE Oliver & Theron, 2000	Recent
no fossil record	
PENTHALEIDAE Oudemans, 1931	Recent
no fossil record	

- PENTHALODIDAE Thor, 1933** **Palaogene – Recent**
***Penthalodes* Murray, 1877** **Palaeogene – Recent**
 10. *Penthalodes tristiculus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- PROTERORHAGIIDAE Lindquist & Palacios-Vargas, 1991** **Recent**
 no fossil record
- RHAGIDIIDAE Oudemans, 1922** **Paleogene – Recent**
 Rhagidiidae indet. *in* Judson & Wunderlich (2003) Pa Baltic amber
***Poecilophysis* O. P.-Cambridge, 1876** **Paleogene – Recent**
 ?*Poecilophysis* sp. *in* Judson & Wunderlich (2003) Pa Baltic amber
 † ***Zachardia* Judson & Wunderlich, 2003** **Paleogene**
 11. *Zachardia flexipes* Judson & Wunderlich, 2003 Pa Baltic amber
- STRANDTMANNIIDAE Zacharda, 1979** **Recent**
 no fossil record
- TYDEOIDEA Kramer, 1877** **Devonian – Recent**
EREYNETIDAE Oudemans, 1931 **Recent**
 = MICROEREUNETIDAE Bottazzi, 1950
 no fossil record
- IOLINIDAE Pritchard, 1956** **Recent**
 no fossil record
- TRIOPHTYDEIDAE André, 1980** **Recent**
 = MEYERELLIDAE André, 1979
 no fossil record
- TYDEIDAE Kramer, 1877** **Devonian – Recent**
 † ***Palaeotydeus* Dubinin, 1962** **Devonian – Recent**
 12. *Palaeotydeus devonicus* Dubinin, 1962 D Rhynie chert
 † ***Parapotacarus* Dubinin, 1962** **Devonian – Recent**
 13. *Parapotacarus hirsti* Dubinin, 1962 D Rhynie chert
- TETRAPODILI sensu Oudemans, 1923** **Triassic – Recent**
TRIASACAROIDEA Lindquist & Sidorchuk in Sidorchuk et al., 2014 **Triassic**
TRIASACARIDAE Lindquist & Sidorchuk in Sidorchuk et al., 2014 **Triassic**
 † ***Ampezzo* Linquist & Grimaldi in Schmidt et al., 2012,** **Triassic**
 14. *Ampezzo triassica* Lindquist & Grimaldi *in* Schmidt et al., 2012* Tr Italian amber
 † ***Cheirolepidoptus* Sidorchuk & Lindquist in Sidorchuk et al. 2014** **Triassic**

15. *Cheirolepidoptus dolomiticus* Sidorchuk & Lindquist *in* Sidorchuk *et al.*, 2015* Tr Italian amber
- † *Minyacarus* Sidorchuk & Lindquist *in* Sidorchuk *et al.*, 2014 Triassic
16. *Minyacarus aderces* Sidorchuk & Lindquist *in* Sidorchuk *et al.*, 2015* ... Tr Italian amber
- † *Triasacarus* Linquist & Grimaldi *in* Schmidt *et al.*, 2012, Triassic – Recent
17. *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
18. *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
19. *Procaeculus dominicensis* Coineau & Poinar, 2001 Ne Dominican amber
20. *Procaeculus eridosae* Coineau & Magowski, 1994 Pa Baltic amber
- Procaeculus* sp. *in* Rivas *et al.* (2016) Ne Dominican 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
21. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) Pa Baltic amber
22. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) Pa Baltic amber
23. *Anystis venustula* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † **Mesoanystis** Zacharda *in* Zacharda & Krivoluckij, 1985 Cretaceous
24. *Mesoanystis taymirensis* Zacharda *in* Zacharda & Krivoluckij, 1985* K Siberian amber

- † *Palaeoerythracarus Zacharda in Zacharda & Krivoluckij, 1985* **Palaeogene**
 25. *Palaeoerythracarus sachalinensis* Zacharda in Zacharda & Krivoluckij,
 1985* Pa Sachalin amber
- PSEUDOCHEYLIDAE Oudemans, 1909** **Recent**
 = STIGMOCHEYLIDAE Kethley, 1990
 no fossil record
- TENERIFFIIDAE Thor, 1911b** **Paleogene – Recent**
 Teneriffiidae sp. indet in Sayre *et al.* (1992) Pa Baltic amber
- PARATYDEOIDEA Baker, 1949** **Paleogene – Recent**
PARATYDEIDAE Baker, 1949 **Paleogene – Recent**
***Scolotydaeus* Berlese, 1910** **Paleogene – Recent**
 26. *Scolotydaeus vlaskini* Klimov *et al.*, 2020 Pa Rovno amber
***Tanytydeus* Theron, Meyer & Ryke, 1970** **Paleogene – Recent**
 27. *Tanytydeus pogrebnyaki* Klimov *et al.*, 2020 Pa Rovno amber
- 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 **Palaeogene–Recent**
***Calyptostoma* Cambridge, 1875** **Paleogene–Recent**
 28. *Calyptostoma katyae* Konikiewicz, Wohltmann & Mąkol, 2016 Pa Baltic amber
- ERYTHRAEOIDEA Grandjean, 1947a** **Cretaceous – Recent**
 larval Erythraeoidea in Zacharda & Krivoluckij (1985) K Siberian amber
ERYTHRAEIDAE Robineau-Desvoidy, 1828 **Cretaceous – Recent**
 = LEPTIDAE Billberg, 1820
 = BALUSTIIDAE Grandjean, 1947
 = † PROTERYTHRAEIDAE Vercammen-Grandjean, 1973
 Erythraeidae sp. in Aoki (1974) Qt Mizunami copal
 Erythraeidae indet in Poinar *et al.* (2010) K Canadian amber
- † *Arytaena Menge, 1854 in C. L. Koch & Berendt, 1854* **Paleogene**
 29. *Arytaena troguloides* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber

Balaustium von Heyden, 1826	Paleogene – Recent
30. <i>Balaustium illustris</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Burerythrites Konikiewicz & Mąkol, 2018	Cretaceous
31. <i>Burerythrites pankowskii</i> Konikiewicz & Mąkol, 2018*	K Burmese amber
† Burphanolophus Konikiewicz & Mąkol, 2018	Cretaceous
32. <i>Burphanolophus joergwunderlichi</i> Konikiewicz & Mąkol, 2018*	K Burmese amber
Erythraeus Latrielle, 1806	Paleogene – Recent
33. <i>Erythraeus bifrons</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
34. <i>Erythraeus foveolatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
35. <i>Erythraeus hirsutus</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
36. <i>Erythraeus lagopus</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
37. <i>Erythraeus longipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
38. <i>Erythraeus proavus</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
39. <i>Erythraeus procerus</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
40. <i>Erythraeus raripilus</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
41. <i>Erythraeus rostratus</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
42. <i>Erythraeus saccatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Leptus Latrielle, 1796	Cretaceous – Recent
<i>Leptus</i> sp. in Arillo <i>et al.</i> (2018)	K San Just amber
43. <i>Leptus incertus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Pararainbowia Dunlop, 2007	Cretaceous
44. <i>Pararainbowia martilli</i> Dunlop, 2007*	K Crato Formation
† Proterythraeus Vercammen-Grandjean, 1973	Cretaceous
45. <i>Proterythraeus southcotti</i> Vercammen-Grandjean, 1973*	K Manitoba amber
SMARIDIDAE Vitzthum, 1929	Cretaceous – Recent
Smarididae indet in Penney (2010)	Ne Dominican amber
Smarididae indet in Perkovsky <i>et al.</i> (2010)	Pa Dominican amber
† Burfessonia Konikiewicz & Mąkol, 2018	Cretaceous
46. <i>Burfessonia maryae</i> Konikiewicz & Mąkol, 2018*	K Burmese amber
Fessonia von Heyden, 1826	Paleogene – Recent
47. <i>Fessonia grabenhorsti</i> Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015	Pa Baltic amber
48. <i>Fessonia groehni</i> Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015	Pa Baltic amber
49. <i>Fessonia wunderlichi</i> Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015	Pa Baltic amber
† Immensmaris Dunlop, Frahnert & Mąkol, 2018	Cretaceous
50. <i>Immensmaris chewbaccei</i> Dunlop, Frahnert & Mąkol, 2018*	K Burmese amber
TROMBIDIAE author, date? (subcohort)	Cretaceous – Recent

trombidiid mites?

51. *Megameropsis aquensis* Gourret, 1887 Pa Aix-en-Provence
 52. *Pseudopachygnathus maculatus* Gourret, 1887 Pa Aix-en-Provence

AMPHOTROMBIOIDEA Zhang, 1998 **Recent**

AMPHOTROMBIIDAE, Zhang, 1998 **Recent**

no fossil record

ALLOTANAUPODOIDEA 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 & Małkol, 2009** **Cretaceous**

53. *Atanaupodus bakeri* Judson & Małkol, 2009 K Archingeay amber

***Eothrombium* Berlese, 1910** **Paleogene – Recent**

54. *Eothrombium fortesambense* Małkol, Konikiewicz & Klug, 2018 Pa Baltic amber

† ***Propolyssenia* Małkol, Konikiewicz & Klug, 2018** **Paleogene**

55. *Propolyssenia wohlmanni* Małkol, Konikiewicz & Klug, 2018* Pa Baltic 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 **Paleogene – Recent**

***Porttrombidium* Haitlinger, 2000** **Paleogene – Recent**

56. *Porttrombidium gedanense* Konikiewicz, Sontag & Małkol, 2016 Pa Baltic amber

NEOTHROMBIIDAE Feider, 1955 **Recent**

no fossil record

TROMBIDIIDAE Leach, 1815 **Paleogene – Recent**

= PARATHROMBIIDAE Feider, 1959

Allothrombium Berlese, 1903	Paleogene – Recent
57. <i>Allothrombium clavipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Paratrombium Bruyant, 1910	Paleogene – Recent
58. <i>Paratrombium rovniense</i> Konikiewicz & Małol, 2014	Pa Rovno amber
Trombidium Fabricius, 1775	Paleogene – Recent
59. <i>Trombidium crassipes</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
60. <i>Trombidium granulatum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
61. <i>Trombidium heterotrichum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
62. <i>Trombidium scrobiculatum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber

NB: the next family may be a synonym

WALCHIIDAE Ewing, 1946 **Recent**
no fossil record

TROMBICULOIDEA Ewing, 1929 **Cretaceous – Recent**

AUDYANIDAE Southcott, 1987 **Recent**
no fossil record

JOHNSTONIANIDAE Thor, 1935 **Neogene – Recent**
= NOTOTROMBIIDAE Feider, 1959

† ***Palaeodiplothrombidium* Rivas & Vega, 2022** **Neogene**
63. *Palaeodiplothrombidium microscutum* Rivas & Vega, 2022* Ne Chiapas amber

NEOTROMBIDIIDAE Feider, 1959 **Recent**
no fossil record

LEEUWENHOEKIIDAE Womersley, 1944 **Recent**
no fossil record

TROMBELLIDAE Leach, 1815 **Cretaceous – Recent**

***Nothrotrombidium* Wormesley, 1954** **Cretaceous – Recent**
64. *Nothrotrombidium myanmarum* Konikiewicz & Małol, 2018 K Burmese amber

TROMBICULIDAE Ewing, 1929 **Recent**
= VATACARIDAE Southcott, 1957
no fossil record

YUREBILLOIDEA Southcott, 1966 **Recent**

YUREBILLIDAE Southcott, 1996 **Recent**
no fossil record

HYDRACARNIDIAE van der Hoeven, 1849 (subcohort) **Neogene – Recent**
= HYDRACHNIDIA author, date?

= HYDRACHNELLAE author, date?

Undetermined water mites

Hygrobatoidea, Arrenuroidea or Lebertiodes *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

EYLIDAE 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
- BANDAKIOPSISIDAE 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**
 65. *Protoarrenurus convergens* Cook in Palmer, 1957* Ne Mojave Desert
- ACALYPTONOTIDAE Walter, 1911** **Recent**
 no fossil record
- AMOENACARIDAE Smith & Cook, 1997** **Recent**
 no fossil record
- ARENOHYDRACARIDAE Cook, 1974** **Recent**
 no fossil record
- ARRENURIDAE Thor, 1900** **Recent**
 no fossil record
- ATHIENEMANNIIDAE Viets, 1922** **Recent**
 = CHELOMIDEOPSIDAE Lundblad, 1962
 no fossil record
- BOGATIIDAE Motas & Tanasachi, 1938** **Recent**
 no fossil record
- CHAPPUISIDIDAE Motas & Tanasachi, 1946** **Recent**

no fossil record

GRETACARIDAE Viets, 1978 **Recent**

no fossil record

HARPAGOPALPIDAE Viets, 1924 **Recent**

no fossil record

HUNGAROHYDRACACARIDAE Motas & Tanasachi, 1959 **Recent**

no fossil record

KANTACARIDAE Imamura, 1959 **Recent**

no fossil record

KRENDOWSKIIDAE Viets, 1926 **Recent**

no fossil record

LAVERSIIDAE Cook, 1955 **Recent**

no fossil record

MIDEIDAE Thor, 1911a **Recent**

no fossil record

MIDEOPSIDAE Koenicke, 1910 **Recent**

no fossil record

MOMONIIDAE Viets, 1926 **Recent**

= STYGOMOMONIDAE Szalay, 1943

no fossil record

NEOACARIDAE Motas & Tanasachi, 1947 **Recent**

no fossil record

NIPPONACARIDAE Imamura, 1959 **Recent**

no fossil record

NUDOMIDEOPSIDAE Smith, 1990 **Recent**

no fossil record

UCHIDASTYGACARIDAE Imamura, 1956 **Recent**

no fossil record

STYGOTHROMBIAE Thor, 1935 (subcohort) **Recent**

STYGOTHROMBOIDEA Thor, 1935	Recent
STYGOTHROMBIIDAE Thor, 1935	Recent
ELEUTHERENGONIDES Oudemans, 1909 (supercohort)	Cretaceous – Recent
RAPHIGNATHINA Kethley, 1982 (cohort)	Cretaceous – Recent
MYOBIOIDEA Mégnin, 1877	Paleogene – Recent
MYOBIIDAE Mégnin, 1877	Paleogene – Recent
† <i>Protohyalomysobia</i> Sidorchuk & Bochkov <i>in</i> Sidorchuk <i>et al.</i> (2019)	Paleogene
66. <i>Protohyalomysobia erinaceophilus</i> Sidorchuk & Bochkov <i>in</i> Sidorchuk <i>et al.</i> (2019)*	Pa Baltic amber
PTERYGOSOMATOIDEA Oudemans, 1910	Cretaceous – Recent
PTERYGOSOMATIDAE Oudemans, 1910	Cretaceous – Recent
<i>Pimeliaphilus</i> Trägårdh, 1905	Cretaceous – Recent
<i>Pimeliaphilus</i> sp. <i>in</i> Sidorchuk & Khaustov (2018a)	K Archingeay amber
RAPHIGNATHOIDEA Kramer, 1877	Paleogene – Recent
BARBUTIIDAE Robaux, 1975	Paleogene – Recent
<i>Barbutia</i> Oudemans, 1927	Paleogene – Recent
67. <i>Barbutia theroni</i> Khaustov, Vorontsov, Perkovsky & Klimov, 2021a	Pa Rovno amber
CALIGONELLIDAE Grandjean, 1944	Recent
no fossil record	
CAMEROBIIDAE Southcott, 1957a	Paleogene – Recent
<i>Neophyllobius</i> Berlese, 1886	Paleogene – Recent
68. <i>Neophyllobius electrus</i> Zmudzinski, 2020	Pa Baltic amber
69. <i>Neophyllobius glaesus</i> Zmudzinski, 2020	Pa Baltic amber
70. <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	Palaegene – Recent
<i>Mediolata</i> Canestrini, 1890	Palaegene – Recent
71. <i>Mediolata eocenica</i> Kuznetsov, Khaustov & Perkovsky, 2010.....	Pa Rovno amber
XENOCALIGONELLIDIDAE Gonzalez, 1978	Recent
no fossil record	
TETRANYCHOIDEA Donnadieu, 1876	Palaegene – 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	Palaegene – Recent
= BRYOBIIDAE Berlese, date?	
<i>Metatetranychus</i> Oudemans, 1931	Palaegene – Recent
72. <i>Metatetranychus gibbus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
<i>Schizotetranychus</i> Trägårdh, 1915	Palaegene – Recent
73. <i>Schizotetranychus brevipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
TUCKERELLIDAE Baker & Pritchard, 1953	Palaegene – Recent
<i>Tuckerella</i> Wormesley, 1940	Palaegene – Recent
74. <i>Tuckerella fossilibus</i> Khaustov, Sergeyenko & Perkovsky, 2014.....	Pa Rovno / Bitt. amber
75. <i>Tuckerella weiterschani</i> Sidorchuk & Khaustov, 2018b	Pa Baltic amber
CHEYLETOIDEA Leach, 1815	Cretaceous – Recent
CHEYLETIDAE Leach, 1815	Cretaceous – Recent
Chelytidae sp. indet. in Bradley (1931)	Pa Green River
<i>Cheyletus</i> Latreille, 1796	Cretaceous – Recent
76. <i>Cheyletus burmiticus</i> Cockerell, 1917b.....	K Burmese amber
77. <i>Cheyletus portentosus</i> 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 <i>in</i> Bregatova <i>et al.</i> , 1955	Recent
no fossil record	
SYRINGOPHILIDAE Laviopierre, 1953	Recent
no fossil record	
HETEROSTIGMATA Berlese, 1899 (cohort)	Cretaceous – Recent
† NASUTIACAROIDEA Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2016	Cretaceous
† NASUTIACARIDAE Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2016	Cretaceous
† <i>Nasutiacarus</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2016	Cretaceous
78. <i>Nasutiacarus perplexus</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2016*	K French amber
TARSOCHEYLOIDEA Atyeo & Baker, 1964	Palaeogene – Recent
TARSOCHEYLIDAE Atyeo & Baker, 1964	Palaeogene – Recent
<i>Hoplochylus</i> Atyeo and Baker, 1964	Palaeogene – Recent
79. <i>Hoplochylus neosimilis</i> Khaustov, Vorontsov, Perkovsky & Klimov, 2021a (replacement name)	Pa Rovno amber
i. = <i>Hoplochylus similis</i> Khaustov, Vorontsov, Perkovsky & Lindquist, 2021b (preoccupied)	Pa Rovno amber
HETEROCHEYLOIDEA Trägårdh, 1950	Recent
HETEROCHEYLIDAE Trägårdh, 1950	Recent
no fossil record	
DOLICHOCYBOIDEA Mahunka, 1970	Palaeogene – Recent
CROTALOMORPHIDAE Lindquist & Kranz, 2002	Recent
no fossil record	
DOLICHOCYBIDAE Mahunka, 1970	Palaeogene – Recent
<i>Dolichocybe</i> Krantz, 1957	Palaeogene – Recent
80. <i>Dolichocybe elongata</i> Khaustov, Vorontsov, Perkovsky & Lindquist, 2021b	Pa Rovno amber

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	
PYGMEPHOROIDEA Cross, 1965	Palaeogene – Recent
<i>Pygmephoroidea</i> sp. <i>in</i> 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>Paradactylidium</i> Mahunka, 1973	Palaeogene – Recent
81. <i>Paradactylidium sineunguis</i> Khaustov, Vorontsov, Perkovsky & Lindquist,	
2021 <i>b</i>	Pa Rovno amber
† <i>Proadactylidium</i> Khaustov, Vorontsov, Perkovsky & Lindquist, 2021<i>b</i>	Palaeogene
82. <i>Proadactylidium fossilis</i> Khaustov, Vorontsov, Perkovsky & Lindquist,	
2021 <i>b</i> *	Pa Rovno amber
† <i>Protophenax</i> Magowski, 1994	Cretaceous
83. <i>Protophenax kotejii</i> Magowski, 1994*	K Russian amber
CARABOACARIDAE Mahunka, 1970	Recent
no fossil record	
PYEMOTIDAE Oudemans, 1937	Recent

= TROCHOMETRIDAE Mahunka, 1970

Pyemotes Amerling, 1862 **Palaeogene – Recent**
 84. *Pyemotes primus* Khaustov & Perkovsky, 2010 Pa Rovno amber

RESINACARIDAE Mahunka, 1975 **Cretaceous –Recent**

Protoresinacarus Khaustov & Poinar, 2010 **Cretaceous**
 85. *Protoresinacarus brevipedis* Khaustov & Poinar, 2010* K Burmese amber

TARSONEMOIDEA Canestrini & Fanzago, 1877 **Quaternary – Recent**

PODAPOLIPIDAE Ewing, 1922 **Recent**

no fossil record

TARSONEMIDAE Canestrini & Fanzago, 1877 **Quaternary – Recent**

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

Cohort *incertae sedis*

CLOACAROIDEA Camin, Moss, Oliver & Singer, 1967 **Recent**

CLOACARIDAE Camin, Moss, Oliver & Singer, 1967 **Recent**

no fossil record

EPIMYODICIDAE Fain, Lukoschus & Rosmalen, 1982 **Recent**

no fossil record

SARCOPTIFORMES author, date? (suborder) **Devonian – Recent**

ENDEOSTIGMATA author, date? (infraorder) **Devonian – Recent**

= PACHYGNATHINA author, date?

ALYCINA author, date? (cohort)

ALYCOIDEA Canestrini & Fanzago, 1877 **Devonian – Recent**

ALYCIDAE Canestrini & Fanzago, 1877 **Devonian – Recent**

= PACHYGNATHIDAE Kramer, 1877

= BIMICHAELIIDAE Womersley, 1944

† **Protacarus Hirst, 1923** **Devonian**

86. *Protacarus crani* Hirst, 1923* D Rhyndie 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**

87. *Protospeleorchestes pseudoprotacarus* 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**
88. *Archaeacarus dubinini* Kethley & Norton in Kethley *et al.*, 1989* D Gilboa
- † *Pseudoprotacarus* Dubinin, 1962 **Devonian**
89. *Pseudoprotacarus scoticus* Dubinin, 1962* D Rhyrie 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
- † *Marcvippeda* Pérez-DA, 1988 **Palaeogene**
90. *Marcvippeda magallanes* Pérez-DA, 1988* [*Acari incertae 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

91. *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

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

† *Palaeoctenacarus* Subías & Arillo, 2002 Carboniferous

93. *Palaeoctenacarus simmsoi* 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

† *Devonacarus* Norton in Norton et al., 1988 Devonian

94. *Devonacarus sellnicki* Norton in Norton et al., 1988* D Gilboa

† **PROTOCHTHONIIDAE Norton in Norton et al., 1988** Devonian

† *Protochthonius* Norton in Norton et al., 1988 Devonian

95. *Protochthonius gilboa* Norton in Norton et al., 1988* D Gilboa

BRACHYCHTHONIOIDEA Thor, 1934 Paleogene – Recent

BRACHYCHTHONIIDAE Thor, 1934 Paleogene – Recent

Brachychthonius Berlese, 1910 Paleogene – Recent

Brachychthonius sp. in Sellnick (1931) Pa Baltic amber

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, 1947b	Recent
no fossil record	
HYPOCHTHONIIDAE Berlese, 1910	Carbon. – Recent
<i>Hypochthonius</i> C. L. Koch, 1835	Quaternary – Recent
96. <i>Hypochthonius rufulus</i> C. L. Koch, 1835 [Recent]	Qt Finland
† <i>Palaeohypochthonius</i> Subías & Arillo, 2002	Carboniferous
97. <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, 1947b	Carbon. – Recent
† <i>Carbochthonius</i> Subías & Arillo, 2002	Carboniferous
98. <i>Carbochthonius antrimensis</i> 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	
† <i>Archaeoplophora</i> Subías & Arillo, 2002	Carboniferous
99. <i>Archaeoplophora bella</i> Subías & Arillo, 2002*	C County Antrim
SPHAEROCHTHONIIDAE Grandjean, 1947b	Recent
no fossil record	
HETEROCHTHONIOIDEA Grandjean, 1954b	Recent
ARBORICHTHONIIDAE Balogh & Balogh, 1992	Recent

no fossil record

HETEROCHTHONIIDAE Grandjean, 1954b **Recent**

no fossil record

TRICHOCHTHONIIDAE Lee, 1982 **Recent**

no fossil record

PARHYPOSOMATA Grandjean, 1969 (supercohort) **Carbon. – Recent**

PARHYPOCHTHONIOIDEA Grandjean, 1932b **Carbon. – Recent**

ELLIPTOCHTHONIIDAE Norton, 1975 **Recent**

no fossil record

GEHYPOCHTHONIIDAE Strenzke, 1963 **Carbon. – Recent**

† *Gehypochthonimimus* Subías & Arillo, 2002 **Carboniferous**

100. *Gehypochthonimimus hibernicus* Subías & Arillo, 2002* C County Antrim

PARHYPOCHTHONIIDAE Grandjean, 1932b **Recent**

no fossil record

MIXONOMATA Grandjean, 1969 (supercohort) **Carbon. – Recent**

SUPERFAMILY UNCERTAIN

† **CARBOLOHMANNIIDAE Sidorchuk & Robin in Robin et al. (2016)** **Carboniferous**

† *Carbolohmannia* Sidorchuk & Robin in Robin et al. (2016) **Carboniferous**

101. *Carbolohmannia maimaiphilus* Sidorchuk & Robin in Robin et al. (2016)*C Xiaheyan, China

NEHYPOCHTHONIOIDEA Norton & Metz, 1980 **Recent**

NEHYPOCHTHONIIDAE Norton & Metz, 1980 **Recent**

no fossil record

EULOHMANNIOIDEA 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
Collohmanna Sellnick, 1922	Paleogene – Recent
102. <i>Collohmanna schusteri</i> Norton, 2006	Pa Baltic amber
† Embolacarus Sellnick, 1919	Palaeogene – Recent
103. <i>Embolacarus pergratus</i> Sellnick, 1919*	Pa Baltic amber
EUPYCTIMA Grandjean, 1967	Palaeogene – Recent
Eupyctima is listed here as a mixonomatid clade, but is not recognised in all classifications, or else is removed from this group and given equal rank	
EUPHTHIRACAROIDEA Jacot, 1930	Palaeogene – Recent
EUPHTHIRACARIDAE Jacot, 1930	Palaeogene – Recent
Microtritia Märkel, 1964	Quaternary – Recent
104. <i>Microtritia minima</i> (Berlese, 1904) [Recent]	Qt Germany
Rhysotritia Märkel & Meyer, 1959	Quaternary – Recent
105. <i>Rhysotritia ardua</i> (C. L. Koch, 1841) [Recent]	Qt Germany
106. <i>Rhysotritia duplicata</i> (Grandjean, 1953) [Recent]	Qt Germany
ORIBOTRITIIDAE Grandjean, 1954b	Palaeogene – Recent
= SABAHRITIIDAE Mahunka, 1987	
Oribotritidae indet. <i>in</i> Kaulfuss <i>et al.</i> (2011)	Pa New Zealand amber
Oribotritia Jacot, 1924	Palaeogene – Recent
107. <i>Oribotritia pyropus</i> (Sellnick, 1919)	Pa Baltic amber
108. <i>Oribotritia translucida</i> Sellnick, 1931	Pa Baltic amber
SYNICHOTRITIIDAE Walker, 1965	Recent
no fossil record	
PHTHIRACAROIDEA Perty, 1841	Palaeogene – Recent
PHTHIRACARIDAE Perty, 1841	Palaeogene – Recent
= STEGANACARIDAE Niedbala, 1986	
Hoplophthiacarus Jacot, 1933	Quaternary – Recent
109. <i>Hoplophthiacarus pavidus</i> (Berlese, 1913) [Recent]	Qt Karelia, Russia
Phthiacarus Perty, 1841	Palaeogene – Recent
110. <i>Phthiacarus borealis</i> Trägårdh, date? [Recent]	Qt Karelia, Russia
111. <i>Phthiacarus multipunctus</i> (Sellnick, 1919)	Pa Baltic amber
Steganacarus Ewing, 1917a	Quaternary – Recent
112. <i>Steganacarus applicatus</i> (Sellnick, 1920) [Recent]	Qt Denmark
113. <i>Steganacarus carinatus</i> (C. L. Koch, 1841) [Recent]	Qt Finland
114. <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
<i>Camisia</i> von Heyden, 1826	Paleogene – Recent
115. <i>Camisia foveolata</i> Hammer, 1955 [Recent]	Qt western Norway
116. <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	
117. <i>Camisia invenusta</i> (Michael, 1888) [Recent]	Qt western Norway
118. <i>Camisia lapponica</i> Trägårdh, 1910 [Recent]	Qt Karelia, Russia
† <i>Eocamisia</i> Bulanova-Zachvatkina, 1974	Cretaceous
119. <i>Eocamisia sukatshevae</i> Bulanova-Zachvatkina, 1974*	K Siberian amber
<i>Platynothrus</i> Berlese, 1913	Quaternary – Recent
120. <i>Platynothrus peltifer</i> (C. L. Koch, 1839) [Recent]	Qt Greenland
121. <i>Platynothrus punctatus</i> (L. Koch, 1879) [Recent]	Qt northern Europe
CROTONIIDAE Thorell, 1876	Neogene – Recent
= HOLONOTHRIDAE Wallwork, 1963	
<i>Crotonia</i> Thorell, 1876	Neogene – Recent
122. <i>Crotonia ramus</i> (Womersley, 1957)	Ne Australian retinite
HERMANNIIDAE Sellnick, 1928	Palaeogene – Recent
= GALAPAGACARIDAE P. Balogh, 1985	
<i>Hermannia</i> Nicolet, 1855	Palaeogene – Recent
123. <i>Hermannia gibba</i> (C. L. Koch, 1839) [Recent]	Qt Finland
124. <i>Hermannia reticulata</i> Thorell, 1871 [Recent]	Qt Subarctic – Arctic
125. <i>Hermannia scabra</i> (L. Koch, 1879) [Recent]	Qt Greenland
126. <i>Hermannia sellnicki</i> Norton, 2006	Pa Baltic amber
MALACONOTHRIDAE Berlese, 1916	Quaternary – Recent
<i>Malacnothrus</i> Berlese, 1904	Quaternary – Recent
127. <i>Malacnothrus monodactylus</i> (Michael, 1888) [Recent]	Qt Europe
<i>Trimalaconothrus</i> Berlese, 1916	Quaternary – Recent
128. <i>Trimalaconothrus maior</i> (Berlese, 1910) [Recent]	Qt northern Europe
NANHERMANNIDAE Sellnick, 1928	Paleogene – Recent
Nanhermannidae indet. in Fernández <i>et al.</i> (2021)	Pa Patagonia
<i>Nanhermannia</i> Berlese, 1913	Quaternary – Recent
129. <i>Nanhermannia coronata</i> Berlese, 1913 [Recent]	Qt Karelia, Russia

130. *Nanhermannia elegantula* Berlese, 1913 **[Recent]** Qt Germany
- NOTHRIDAE Berlese, 1896** **Cretaceous – Recent**
- Nothrus* C. L. Koch, 1836** **Cretaceous – Recent**
131. *Nothrus illautus* Sellnick, 1919 Pa Baltic amber
132. *Nothrus punctulum* Karsch, 1884 Pa Baltic amber
133. *Nothrus silvestris* Nicolet, 1855 **[Recent]** Qt Europe
134. *Nothrus vasquezae* Arillo & Subías *in* Arillo *et al.*, 2016 K Spanish amber
- TRHYPOCHTHONIIDAE Willmann, 1931** **Jurassic – Recent**
- = ALLONOTHRIDAE Lee, 1985
- = MUCRONOTHRIDAE Kunst, 1972
- = TRHYPOCHTHONIELLIDAE Knülle, 1957
- Afronothrus* Wallwork, 1961** **Cretaceous – Recent**
135. *Afronothrus ornosae* Arillo & Subías *in* Arillo *et al.*, 2016 K Spanish amber
- Allonothrus* van der Hammen, 1953** **Neogene – Recent**
- Allonothrus* sp. *in* Norton & Poinar (1993) Ne Dominican amber
- † ***Juracarus* Krivolutsky *in* Krivolutsky & Krasilov, 1977** **Jurassic – Recent**
136. *Juracarus serratus* Krivolutsky *in* Krivolutsky & Krasilov, 1977 J Russian far east
- Mucronothrus* Trägårdh, 1931** **Quaternary – Recent**
137. *Mucronothrus nasalis* (Willmann, 1929) **[Recent]** Qt Karelia, Russia
- † ***Palaeochthonius* Krivolutsky *in* Krivolutsky & Krasilov, 1977** **Jurassic – Recent**
138. *Palaeochthonius krasilovi* Krivolutsky *in* Kriv. & Krasilov, 1977 J Russian far east
- Trhypochthonius* Berlese, 1904** **Cretaceous – Recent**
139. *Trhypochthonius badiformis* Sellnick, 1931 Pa Baltic amber
140. *Trhypochthonius cladonicola* (Willmann, 1919) **[Recent]** Qt Germany
141. *Trhypochthonius corniculatus* Sellnick, 1931 Pa Baltic amber
142. *Trhypochthonius lopezvallei* Arillo, Subías & Shtanchaeva, 2012 K San Just amber
143. *Trhypochthonius tectorum* (Berlese, 1896) **[Recent]** Qt Karelia, Russia
- BRACHYPYLINA Hull, 1918 (cohort)** **Jurassic – Recent**
- = CIRCUMDEHISCENTIAE Grandjean, 1954*b*
- = PORONOTA Grandjean, 1954*b* [in part; taxon used for seven brachypylina superfamilies]
- superfamily uncertain**
- ARIBATIDAE Aoki, Takaku & Ito, 1994** **Recent**
- no fossil record
- HERMANNIELLOIDEA Grandjean, 1934** **Paleogene – Recent**
- HERMANNIELLIDAE Grandjean, 1934** **Paleogene – Recent**
- Hermanniella* Berlese, 1908** **Paleogene – Recent**
144. *Hermanniella concamerata* Sellnick, 1931 Pa Baltic amber
145. *Hermanniella tuberculata* Sellnick, 1919 Pa Baltic amber

Sacculobates 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	Cretaceous – Recent
= LIODOIDEA Grandjean, 1954b	
NEOLIODIDAE Sellnick, 1928	Cretaceous – Recent
= LIODIDAE Grandjean, 1954b	
Neoliodes Berlese, 1888	Cretaceous – Recent
= <i>Liodes</i> von Heyden, 1826 [preoccupied]	
146. <i>Neoliodes andreli</i> Arillo & Subías in Arillo <i>et al.</i> , 2019	K Lebanese amber
147. <i>Neoliodes brevitarsus</i> (Woolley, 1971)	Ne Chiapas amber
148. <i>Neoliodes dominicus</i> Heethoff, Helfen & Norton, 2009	Ne Dominican amber
149. <i>Neoliodes quadriscutatus</i> Sellnick, 1919	Pa Baltic amber
<i>Neoliodes</i> sp. in Norton & Poinar (1993) [as <i>Liodes</i>]	Ne Dominican amber
Platyliodes Berlese, 1917	Cretaceous – Recent
150. <i>Platyliodes ensigerus</i> (Sellnick, 1919)	Pa Baltic amber
151. <i>Platyliodes sellnicki</i> Arillo & Subías in Arillo <i>et al.</i> , 2016.....	K Spanish amber
Teleliodes 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
Gymnodamaeus Kulczynski, 1902	Paleogene – Recent
152. <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, 1989d	
no fossil record	
PLATEREMAEIDAE Trägårdh, 1926	Cretaceous – Recent
<i>Rasnitsynella</i> Krivoluckij, 1976	Cretaceous
153. <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
154. <i>Belba compta</i> (Kulczynski, 1902) [Recent]	Qt western Norway
155. <i>Belba cornyops</i> (Hermann, 1804)* [Recent]	Qt Finland
† <i>Belbites</i> Pampaloni, 1902	Neogene
156. <i>Belbites disodilis</i> Pampaloni, 1902*	Ne? Sicily
<i>Damaeobelba</i> Sellnick, 1928	Quaternary – Recent
157. <i>Damaeobelba minutissima</i> (Sellnick, 1920) [Recent]	Qt Germany
<i>Damaeus</i> C. L. Koch, 1835	Paleogene – Recent
158. <i>Damaeus auritus</i> C. L. Koch, 1835* [Recent]	Qt Finland
159. <i>Damaeus genadensis</i> Sellnick, 1931	Pa Baltic amber
<i>Spatiodamaeus</i> Bulanova-Zachvatkina, 1967	Quaternary – Recent
160. <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	
<i>Cepheus</i> C. L. Koch, 1835	Paleogene – Recent
161. <i>Cepheus cepheiformis</i> (Nicolet, 1855) [Recent]	Qt Finland
162. <i>Cepheus dentatus</i> (Michael, 1888) [Recent]	Qt Finland
163. <i>Cepheus implicatus</i> (Sellnick, 1919)	Pa Baltic amber

164. *Cepheus latus* C. L. Koch, 1835* **[Recent]** Qt Finland
- Eupterotegaeus Berlese, 1916** **Cretaceous – Recent**
165. *Eupterotegaeus bitranslamellatus* Arillo & Subías, 2002 K Álava amber
- Ommatocepheus Berlese, 1913** **Cretaceous – Recent**
166. *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** **Neogene – Recent**
- MICROZETIDAE Grandjean, 1936a** **Neogene – Recent**
- Amiracarus Miko in Miko et al. (2013)** **Neogene – Recent**
167. *Amiracarus pliocennatus* Miko in Miko et al. (2013) Ne Slovenian Karst
168. *Amiracrus senensis* (Bernini, 1975) in Miko et al. (2013)* **[Recent]** Qt Romanian caves

- AMEROIDEA** Bulanova-Zachvatkina, 1957 Cretaceous – Recent
 = AMEROBELBOIDEA Grandjean, 1954*b*
 = CALEREMEIOIDEA Grandjean, 1965*c*
- AMERIDAE** Bulanova-Zachvatkina, 1957 Recent
 no fossil record
- AMEROBELBIDAE** Grandjean, 1961*b* Recent
 no fossil record
- BASILOBELBIDAE** Balogh, 1961 Recent
 no fossil record
- CALEREMAEIDAE** Grandjean, 1965*c* Cretaceous – Recent
Caleremaeus Berlese, 1910 Palaeogene – Recent
 169. *Caleremaeus gleso* Sellnick, 1931 Pa Baltic amber
Epieremulus Berlese, 1916 Cretaceous – Recent
 170. *Epieremulus sidorchukae* Arillo & Subías in Arillo *et al.*, 2020 K La Rodada amber
- CTENOBELBIDAE** Grandjean, 1965*b* Recent
 no fossil record
- DAMAEOLIDAE** Grandjean, 1965*b* Recent
 no fossil record
- EREMOBELBIDAE** Balogh, 1961 Recent
 no fossil record
- EREMULIDAE** Grandjean, 1965*b* Recent
 no fossil record
- HETEROBELBIDAE** Balogh, 1961 Recent
 no fossil record
- HUNGAROBELBIDAE** Miko & Travé, 1996 Recent
 no fossil record
- STAUROBATIDAE** Grandjean, 1966 Recent
 no fossil record
- ZETORCHESTOIDEA** Michael, 1898 Cretaceous – Recent
 = EREMAEOIDEA Oudemans, 1900
 = NIPHOCEPHOIDEA Travé, 1959 [a separate superfamily in some studies]

† ARCHAEORCHESTIDAE Arillo & Subías, 2000	Cretaceous
† Plategeocranus Sellnick, 1919	Palaeogene
171. <i>Plategeocranus sulcatus</i> (Karsch, 1884)*	Pa Baltic amber
† Strieremaeus Sellnick, 1919	Cretaceous – Recent
= † <i>Archaeorchestes</i> Arillo & Subías, 2000	
172. <i>Strieremaeus illibatus</i> Sellnick, 1919	Pa Baltic amber
173. <i>Strieremaeus minguezae</i> (Arillo & Subías, 2000)	K Álava amber
EREMAEIDAE Oudemans, 1900	Paleogene – Recent
Eremaeus C. L. Koch, 1836	Paleogene – Recent
174. <i>Eremaeus hepaticus</i> C. L. Koch, 1835* [Recent]	Qt Germany
175. <i>Eremaeus oblongus</i> [Recent] <i>fossilis</i> Sellnick, 1919	Pa Baltic amber
Eueremaeus Mihelcic, 1963	Quaternary – Recent
176. <i>Eueremaeus silvestris</i> (Forsslund, 1956) [Recent]	Qt Finland
† Gradidorsum Sellnick, 1919	Palaeogene – Recent
177. <i>Gradidorsum asper</i> Sellnick, 1919*	Pa Baltic amber
MEGEREMAEIDAE Woolley & Higgins, 1968	Cretaceous – Recent
Megeremaeus Higgins & Wooley 1965	Cretaceous – Recent
178. <i>Megeremaeus cretaceous</i> Sidorchuk & Behan-Pelletier, 2017	K Canadian amber
NIPHOCEPHEIDAE Travé, 1959	Recent
no fossil record	
ZETORCHESTIDAE Michael, 1898	Palaeogene – Recent
Zetorchestes Berlese, 1888	Palaeogene – Recent
<i>Zetorchestes</i> 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
179. <i>Astegistes pilosus</i> (C. L. Koch, 1840) [Recent]	Qt Karelia, Russia
Cultroribula Berlese, 1908	Jurassic – Recent
180. <i>Cultroribula jurassica</i> Krivolutsky <i>in</i> Krivolutsky & Krasilov, 1977	J Russian far east
181. <i>Cultroribula lauta</i> Sellnick, 1931	Pa Baltic amber
182. <i>Cultroribula superba</i> Sellnick, 1931	Pa Baltic amber
GUSTAVIIDAE Oudemans, 1900	Quaternary – Recent
Gustavia Kramer, 1879	Quaternary – Recent
183. <i>Gustavia microcephala</i> (Nicolet, 1855) [Recent]	Qt Finland

- KODIAKELLIDAE Hammer, 1967** **Recent**
no fossil record
- LIACARIDAE Sellnick, 1928** **Cretaceous – Recent**
= XENILLIDAE Woolley & Higgins, 1966
- Adoristes Hull, 1916** **Quaternary – Recent**
184. *Adoristes ovatus* (C. L. Koch, 1839)* **[Recent]** Qt northern Europe
- Liacarus Michael, 1898** **Cretaceous – Recent**
185. *Liacarus coracinus* (C. L. Koch, 1841) **[Recent]** Qt Finland
186. *Liacarus (Procorynetes) shtanchaevae* Arillo & Subías *in* Arillo *et al.*,
2022 K Ariño amber, Spain
- Xenillus Robineau-Desvoidy, 1839** **Paleogene – Recent**
187. *Xenillus tegeocraniformis* (Sellnick, 1919) Pa Baltic amber
- MULTORIBULIDAE Balogh, 1972** **Recent**
no fossil record
- PELOPPIIDAE Balogh, 1943** **Paleogene – Recent**
- Ceratoppia Berlese, 1908** **Paleogene – Recent**
188. *Ceratoppia bipilis fossilis* Sellnick, 1919 Pa Baltic amber
i. = *Oribates politus* C. L. Koch & Berendt, 1854 Pa Baltic amber
189. *Ceratoppia quadridentata* (Haller, 1882) **[Recent]** Qt Finland
- TENUIALIDAE Jacot, 1929** **Quaternary – Recent**
- Hafenrefferia Oudemans, 1906** **Quaternary – Recent**
190. *Hafenrefferia gilvipes* (C. L. Koch, 1839)* **[Recent]** Qt Finland
- CARABODOIDEA C. L. Koch, 1843b** **Cretaceous – 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**
191. *Carabodes areolatus* Berlese, 1916 **[Recent]** Qt Karelia, Russia
192. *Carabodes coriaceus* C. L. Koch, 1835* **[Recent]** Qt Finland
193. *Carabodes coriaceus* **[Recent]** *fossilis* Sellnick, 1931 Pa Baltic amber
194. *Carabodes dissonus* Sellnick, 1931 Pa Baltic amber
195. *Carabodes gerberi* Sellnick, 1931 Pa Baltic amber
196. *Carabodes laybrinthicus* (Michael, 1879) **[Recent]** Qt Europe
197. *Carabodes labyrinthicus* **[Recent]** *fossilis* Sellnick, 1931 Pa Baltic amber
198. *Carabodes marginatus* (Michael, 1884) **[Recent]** Qt Finland

199. <i>Carabodes minusculus</i> Berlese, 1923 [Recent]	Qt	Germany
200. <i>Carabodes ornatus</i> Storckan, 1925 [Recent]	Qt	Finland
201. <i>Carabodes subarcticus</i> Trägårdh, 1902 [Recent]	Qt	Finland
202. <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?
203. <i>Carabodites pavesii</i> Pampaloni, 1902*	Ne?	Sicily
Odontocephus Berlese, 1913		Quaternary – Recent
204. <i>Odontocephus 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		Cretaceous – Recent
† Cretaceobodes Arillo, Subías & Shtanchaeva, 2010		Cretaceous – Recent
205. <i>Cretaceobodes martinezae</i> Arillo, Subías & Shtanchaeva, 2010	K	San Just amber
Dolicheremaeus Jacot, 1938		Neogene – Recent
<i>Dolicheremaeus</i> sp. in Norton & Poinar (1993)	Ne	Dominican amber
Otocephus Berlese, 1905		Paleogene – Recent
206. <i>Otocephus niger</i> Sellnick, 1931	Pa	Baltic amber
207. <i>Otocephus 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
Conchogneta Grandjean, 1963		Quaternary – Recent
208. <i>Conchogneta traegardhi</i> (Forslund, 1947) [Recent]	Qt	Finland
ARCEREMAEIDAE Balogh, 1972		Recent

no fossil record

BORHIDIIDAE Balogh, 1983 **Recent**

no fossil record

CHAVINIIDAE Balogh, 1983 **Recent**

no fossil record

ENANTIOPPIIDAE Balogh, 1983 **Recent**

no fossil record

EPIMERELLIDAE Ayyildiz & Luxton, 1989 **Recent**

no fossil record

GRANULOPPIIDAE Balogh, 1983 **Recent**

no fossil record

MACHADOBELBIDAE Balogh, 1972 **Recent**

no fossil record

MACHUELLIDAE Balogh, 1893 **Recent**

no fossil record

NOSYBELBIDAE Mahunka, 1994 **Recent**

no fossil record

OPPIIDAE Grandjean, 1951 **Palaeogene – Recent**

***Dissorhina* Hull, 1916** **Neogene – Recent**

209. *Dissorhina nuda* Miko, 2015 Ne Slovenian Karst

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

211. *Dissorhina paleokrasica* Miko, 2015 Ne Slovenian Karst

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

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

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

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

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

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

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

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

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

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

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

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

221. <i>Oppiella ornata</i> (Oudemans, 1900) [Recent]	Qt western Norway
222. <i>Oppiella splendens</i> (C. L. Koch, 1841) [Recent]	Qt western Norway
223. <i>Oppiella subpectinata</i> (Oudemans, 1900) [Recent]	Qt northern Europe
224. <i>Oppiella translamellata</i> (Willmann, 1923) [Recent]	Qt northern Europe
† Oppites Pampaloni, 1902	Neogene
225. <i>Oppites melilli</i> Pampaloni, 1902*	Ne? Sicily
† Praoppiella Miko & Mourek in Miko et al., 2012	Quaternary
226. <i>Praoppiella oanae</i> Miko & Mourek in Miko et al., 2012*	Qt Slovenian Karst
Ramusella Hammer, 1962	Quaternary – Recent
227. <i>Ramusella clavipectinata</i> (Michael, 1885) [Recent]	Qt Germany
† Rhinoppioides Miko in Miko et al., 2012	Quaternary
228. <i>Rhinoppioides quadrituberculatus</i> Miko in Miko et al., 2012*	Qt Slovenian Karst
OXYAMERIDAE Aoki, 1965	Recent
no fossil record	
PAPILLONOTIDAE Balogh, 1983	Recent
no fossil record	
PLATYAMERIDAE Balogh & Balogh, 1983	Recent
no fossil record	
QUADROPPIIDAE Balogh, 1983	Recent
no fossil record	
RHYNCHORIBATIDAE Balogh, 1961	Recent
no fossil record	
SPINOZETIDAE Balogh, 1972	Recent
no fossil record	
STERNOPPIIDAE Balogh & Mahunka, 1969	Recent
no fossil record	
SUCTOBELBIDAE Jacot, 1938	Palaeogene – Recent
Suctobelbella Jacot, 1937	Palaeogene – Recent
229. <i>Suctobelbella falcata</i> (Forsslund, 1941) [Recent]	Qt Germany
230. <i>Suctobelbella latirostris</i> (Strenzke, 1950) [Recent]	Qt Germany
231. <i>Suctobelbella longirostris</i> (Forsslund, 1941) [Recent]	Qt western Norway
232. <i>Suctobelbella sarekensis</i> (Forsslund, 1941) [Recent]	Qt Europe
233. <i>Suctobelbella similis</i> (Forsslund, 1941) [Recent]	Qt Germany
234. <i>Suctobelbella subcornigera</i> (Forsslund, 1941) [Recent]	Qt Germany
235. <i>Suctobelbella subtrigona</i> (Oudemans, 1916) [Recent]	Qt Europe

236. <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
<i>Banksinoma</i> Oudemans, 1930	Quaternary – Recent
237. <i>Banksinoma lanceolata</i> (Michael, 1885)* [Recent]	Qt Europe
<i>Oribella</i> Berlese, 1908	Quaternary – Recent
238. <i>Oribella dentata</i> Sidorchuk, 2004	Qt Arkhangel'sk oblast
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>Tectocephus</i> Berlese, 1895	Paleogene – Recent
239. <i>Tectocephus minor</i> Berlese, 1903 [Recent]	Qt western Norway
240. <i>Tectocephus similis</i> Sellnick, 1931	Pa Baltic amber
241. <i>Tectocephus 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
242. <i>Hydrozetes confervae</i> (Schrank, 1791) [Recent]	Qt western Norway
243. <i>Hydrozetes lacustris</i> (Michael, 1882)* [Recent]	Qt northern Europe
244. <i>Hydrozetes oryktosis</i> Woolley, 1969	Qt Michigan
<i>Hydrozetes</i> sp. in Sivhed & Wallwork (1978)	J Sweden
LIMNOZETIDAE Thor, 1937	Quaternary – Recent
<i>Limnozetes</i> Hull, 1916	Quaternary – Recent
245. <i>Limnozetes ciliatus</i> (Schrank, 1803)* [Recent]	Qt northern Europe
246. <i>Limnozetes rugosus</i> (Sellnick, 1923) [Recent]	Qt northern Europe
AMERONOTHROIDEA Willmann, 1931	Quaternary – Recent
AMERONOTHRIDAE Willmann, 1931	Quaternary – Recent

Ameronothrus Berlese, 1896	Quaternary – Recent
247. <i>Ameronothrus lineatus</i> (Thorell, 1871)* [Recent]	Qt Europe / Greenland
248. <i>Ameronothrus maculatus</i> (Michael, 1882) [Recent]	Qt western Norway
† Palaeonothrus Krivolutskii & Sidorchuk, 2003	Quaternary
249. <i>Palaeonothrus polytrichus</i> Krivolutskii & Sidorchuk, 2003*	Qt Arkhangel'sk Oblast
250. <i>Palaeonothrus rotundatus</i> Krivolutskii & Sidorchuk, 2003	Qt Arkhangel'sk Oblast
 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
251. <i>Ametroproctus valeriae</i> Arillo, Subías & Shtanchaeva, 2009	K San Just amber
Cymbaeremaeus Berlese, 1896	Paleogene – Recent
252. <i>Cymbaeremaeus cymba</i> (Nicolet, 1855)* [Recent]	Qt northern Europe
† Jureremus Krivolutsky in Krivolutsky & Krasilov, 1977	Jurassic
253. <i>Jureremus foveolatus</i> Krivolutsky in Krivolutsky & Krasilov, 1977*	J Russian far east
254. <i>Jureremaeus phippsi</i> Selden, Baker & Phipps, 2008	J Yorkshire, UK
Scapheremaeus Berlese, 1910	Paleogene – Recent
255. <i>Scapheremaeus undosus</i> Sellnick, 1919	Pa Baltic amber
† Tectocymba Sellnick, 1919	Paleogene – Recent
256. <i>Tectocymba rara</i> Sellnick, 1919*	Pa Baltic amber
 EREMAEOZETOIDEA Piffli, 1972	Paleogene – Recent
= IDIOZETOIDEA Aoki, 1976	
EREMAEOZETIDAE Piffli, 1972	Paleogene – Recent
Eremaeozetes Berlese, 1913	Paleogene – Recent
= † <i>Scutoribates</i> Sellnick, 1919	
<i>Eremaeozetes</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
 IDIOZETIDAE Aoki, 1976	Recent
no fossil record	

LICNEREMAEOIDEA Grandjean, 1931	Jurassic – 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	Cretaceous – Recent
<i>Tenuelamellarea</i> Subías & Iturrondobeitia, 1978	Cretaceous – Recent
257. <i>Tenuelamellarea estefaniae</i> Arillo & Subías in Arillo et al., 2016	K Spanish amber
LICNEREMAEIDAE Grandjean, 1931	Palaeogene – Recent
<i>Licneremaeus</i> Paoli, 1908	Palaeogene – Recent
258. <i>Licneremaeus fritschi</i> Sellnick, 1931	Pa Baltic amber
259. <i>Licneremaeus licnophorus</i> (Michael, 1882) [Recent]	Qt Germany
MICREREMIDAE Grandjean, 1954b	Jurassic – Recent
<i>Micreremus</i> Grandjean, 1954b .....[not Berlese 1908?].....	Paleogene – Recent
260. <i>Micreremus brevipes</i> (Michael, 1888)* [Recent]	Qt northern Europe
261. <i>Micreremus reticulatus</i> Sellnick, 1931	Pa Baltic amber
262. <i>Micreremus scrobiculatus</i> Sellnick, 1931	Pa Baltic amber
PASSALOZETIDAE Grandjean, 1954b	Quaternary – Recent
<i>Passalozetes</i> Grandjean, 1932a	Quaternary – Recent
263. <i>Passalozetes africanus</i> Grandjean, 1932a [Recent]	Qt Finland
SCUTOVERTICIDAE Grandjean, 1954b	Cretaceous – Recent
<i>Arthrovertex</i> Balogh, 1970	Neogene – Recent
264. <i>Arthrovertex hurdi</i> (Woolley, 1971).....	Ne Chiapas amber
<i>Arthrovertex</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
<i>Hypoververtex</i> Krivolutsky, 1969	Cretaceous – Recent
265. <i>Hypoververtex hispanicus</i> Arillo & Subías in Arillo et al., 2016	K Spanish amber
<i>Scutovertex</i> Michael, 1879	Quaternary – Recent
266. <i>Scutovertex minutus</i> (C. L. Koch, 1835) [Recent]	Qt Germany

PHENOPELOPOIDEA Petrunkevitch, 1955a	Palaeogene – Recent
PHENOPELOPIDAE Petrunkevitch, 1955a	Palaeogene – Recent
= PELOPIDAE author, date?	
Eupelops Ewing, 1917a	Palaeogene – Recent
267. <i>Eupelops acromios</i> (Hermann, 1804) [Recent]	Qt Finland
268. <i>Eupelops curtipilus</i> (Berlese, 1916) [Recent]	Qt Germany
269. <i>Eupelops occultus</i> (C. L. Koch, 1835) [Recent]	Qt Kerelia, Russia
270. <i>Eupelops plicatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
271. <i>Eupelops punctulatus</i> (Sellnick, 1931)	Pa Baltic amber
272. <i>Eupelops uraceus</i> (C. L. Koch, 1839)* [Recent]	Qt Kerelia, Russia
<i>Eupelops</i> sp. in Karppinen & Koponen (1974)	Qt Finland
Peloptulus Berlese, 1908	Quaternary – Recent
273. <i>Peloptulus phaenotus</i> (C. L. Koch, 1844)* [Recent]	Qt Germany
UNDULORIBATIDAE Kunst, 1971	Palaeogene – Recent
Scutoribates Sellnick, 1918	Palaeogene – Recent
274. <i>Scutoribates perornatus</i> Sellnick, 1918	Pa Baltic amber
Unduloribates Balogh, 1943	?Palaeogene – Recent
275. <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
276. <i>Achipteria coleoprata</i> (Linnaeus, 1757) [Recent]	Qt Finland / Greenland
277. ? <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
278. <i>Parachipteria punctata</i> (Nicolet, 1855) [Recent]	Qt northern Europe
279. <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, 1917a	Quaternary – Recent
280. <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
281. <i>Oribatella berlessei</i> (Michael, 1898) [Recent]	Qt Finland

282. *Oribatella calcarata* (C. L. Koch, 1835) **[Recent]** Qt Kerelia, Russia
283. *Oribatella mirabilis* Sellnick, 1931 Pa Baltic amber
- ORIPODOIDEA Jacot, 1925** **Palaeogene – Recent**
- CALOPPIIDAE Balogh, 1960** **Recent**
 = ?CRASSORIBATULIDAE author, date?
 no fossil record
- CAMPBELLOBATIDAE J. Balogh & P. Balogh, 1984** **Recent**
 no fossil record
- CHAUNOPROCTIDAE Balogh, 1961** **Recent**
 no fossil record
- DRYMOBATIDAE J. Balogh & P. Balogh, 1984** **Recent**
 no fossil record
- HAPLOZETIDAE Grandjean, 1936c** **Palaeogene – Recent**
 = PROTORIBATIDAE J. Balogh & P. Balogh, 1984
 = XLOBATIDAE J. Balogh & P. Balogh, 1984
- Protoribates Berlese, 1908** **Palaeogene – Recent**
 284. *Protoribates longipilis* Sellnick, 1931 Pa Baltic amber
- LAMELLAREIDAE Balogh, 1972** **Recent**
 no fossil record
- MAUDHEIMIIDAE J. Balogh & P. Balogh, 1984** **Recent**
 no fossil record
- MOCHLOZETIDAE Grandjean, 1960a** **Neogene – Recent**
 Mochlozetidae sp. *in* Norton & Poinar (1993) Ne Dominican amber
- Mochloribatula Mahunka, 1978** **Neogene – Recent**
 285. *Mochloribatula smithi* (Woolley, 1971) Ne Chiapas amber
- Mochlozetes Grandjean, 1930** **Neogene – Recent**
Mochlozetes sp. *in* Norton & Poinar (1993) Ne Dominican amber
- NASOBATIDAE Balogh, 1972** **Recent**
 no fossil record
- NEOTRICHOZETIDAE Balogh, 1965** **Recent**
 no fossil record
- NESOZETIDAE J. Balogh & P. Balogh, 1984** **Recent**

no fossil record

ORIBATULIDAE Thor, 1929	Palaeogene – Recent
Oribatulidae sp. <i>in</i> Aoki (1974)	Qt Mizunami copal
Lucoppia Berlese, 1908	Palaeogene – Recent
286. <i>Lucoppia simplex</i> Sellnick, 1931	Pa Baltic amber
Oribatula Berlese, 1895	Quaternary – Recent
287. <i>Oribatula tibialis</i> (Nicolet, 1855)* [Recent]	Qt Europe
Phauloppia Berlese, 1908	Palaeogene – Recent
288. <i>Phauloppia lucorum</i> (C. L. Koch, 1841) [Recent]	Qt northern Europe
289. <i>Phauloppia pellucida</i> (Sellnick, 1931)	Pa Baltic amber
† Sachalinbates Arillo, Subías & Shtanchaeva, 20112 [replacement name]	Palaeogene – Recent
= † <i>Sachalinella</i> Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976 [preoccupied]	
290. <i>Sachalinbates zherichini</i> (Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976)*	Pa Sachalin amber
Zygoribatula Berlese, 1916	Quaternary – Recent
291. <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
292. <i>Benoibates chiapasensis</i> (Woolley, 1971)	Ne Chiapas amber
Oripoda Banks, 1904	Palaeogene – Recent
293. <i>Oripoda baltica</i> Sellnick, 1931	Pa Baltic amber
<i>Oripoda</i> sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
Parapirnodus Balogh & Mahunka, 1968	Neogene – Recent
294. <i>Parapirnodus denaius</i> (Woolley, 1971)	Ne Chiapas amber
PARAKALUMMIDAE Grandjean, 1936b	Palaeogene – Recent
Neoribates Berlese, 1914	Palaeogene – Recent
295. <i>Neoribates borussicus</i> Sellnick, 1931	Pa Baltic amber
SCHELORIBATIDAE Grandjean, 1933	Palaeogene – Recent
† Alexebates Krivolutzkii & Sidorchuk, 2003	Quaternary – Recent
296. <i>Alexebates vychegodus</i> Krivolutzkii & Sidorchuk, 2003	Qt Arkhangel'sk Oblast
Liebstadia Oudemans, 1906	Palaeogene – Recent
297. <i>Liebstadia similiformis</i> Sellnick, 1931	Pa Baltic amber
298. <i>Liebstadia similis</i> (Michael, 1888)* [Recent]	Qt Europe / Greenland
Scheloribates Berlese, 1908	Palaeogene – Recent
299. <i>Scheloribates apertus</i> Sellnick, 1931	Pa Baltic amber
300. <i>Scheloribates areatus</i> Sellnick, 1931	Pa Baltic amber
301. <i>Scheloribates durhami</i> (Woolley, 1971)	Ne Chiapas amber

302. <i>Scheloribates initialis</i> (Berlese, 1908) [Recent]	Qt Europe
303. <i>Scheloribates laevigatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
304. <i>Scheloribates latipes</i> (C. L. Koch, 1844) [Recent]	Qt Europe
305. <i>Scheloribates pallidulus</i> (C. L. Koch, 1841) [Recent]	Qt Germany
306. <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
<i>Grandjeanobates</i> 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
<i>Ceratozetes</i> Berlese, 1908	Quaternary – Recent
307. <i>Ceratozetes gracilis</i> (Michael, 1884)* [Recent]	Qt Finland
308. <i>Ceratozetes minimus</i> Sellnick, 1928 [Recent]	Qt Germany
309. <i>Ceratozetes parvulus</i> Sellnick, 1922 [Recent]	Qt Germany
<i>Diapterobates</i> Grandjean, 1936b	Quaternary – Recent
310. <i>Diapterobates notatus</i> (Thorell, 1871) [Recent]	Qt Europe / Greenland
<i>Edwardzetes</i> Berlese, 1914	Quaternary – Recent
311. <i>Edwardzetes edwardsi</i> (Nicolet, 1855)* [Recent]	Qt western Norway
<i>Fuscozetes</i> Sellnick, 1928	Quaternary – Recent
312. <i>Fuscozetes fuscipes</i> (C. L. Koch, 1844)* [Recent]	Qt western Norway
<i>Melanozetes</i> Hull, 1916	Paleogene – Recent
313. <i>Melanozetes foderatus</i> Sellnick, 1931	Pa Baltic amber
314. <i>Melanozetes mollicomus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
315. <i>Melanozetes meridianus</i> Sellnick, 1928 [Recent]	Qt Greenland
<i>Melanozetes</i> sp. <i>in</i> Karpinen <i>et al.</i> (1979)	Qt Karelia, Russia

Oromucia Thor, 1930	Quaternary – Recent
316. <i>Oromucia bicuspidata</i> Thor, 1930* [Recent]	Qt western Norway
Sphaerozetes Berlese, 1885	Paleogene – Recent
317. <i>Sphaerozetes convexulus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
318. <i>Sphaerozetes piriformis</i> (Nicolet, 1855) [Recent]	Qt Finland
319. <i>Sphaerozetes primus</i> Sellnick, 1931	Pa Baltic amber
Svalbardia Thor, 1930	Paleogene – Recent
320. <i>Svalbardia lucens</i> (L. Koch, 1879) [Recent]	Qt Arctic
i. = <i>Svalbardia rostralis</i> Druk, in Kiselev et al., 1982	Qt Siberia
Trichoribates Berlese, 1910	Quaternary – Recent
321. <i>Trichoribates biarea</i> Gjelstrup & Solhøy, 1994 [Recent]	Qt western Norway
322. <i>Trichoribates incisellus</i> (Kramer, 1897) [Recent]	Qt Europe
323. <i>Trichoribates monticola</i> (Trägårdh, 1902) [Recent]	Qt western Norway
324. <i>Trichoribates setiger</i> (Trägårdh, 1910) [Recent]	Qt western Norway
325. <i>Trichoribates trimaculatus</i> (C. L. Koch, 1835)* [Recent]	Qt northern Europe
CHAMOBATIDAE Thor, 1937	Paleogene – Recent
Chamobates Hull, 1916	Paleogene – Recent
326. <i>Chamobates borealis</i> (Trägårdh, 1902) [Recent]	Qt western Norway
327. <i>Chamobates cuspidatus</i> (Michael, 1884) [Recent]	Qt Finland
328. <i>Chamobates difficilis</i> Sellnick, 1931	Pa Baltic amber
EUZETIDAE Grandjean, 1954b	Quaternary – Recent
Euzetes Berlese, 1908	Quaternary – Recent
329. <i>Euzetes globulus</i> (Nicolet, 1855) [Recent]	Qt Finland
HUMEROBATIDAE Grandjean, 1970	Recent
no fossil record	
MYCOBATIDAE Grandjean, 1954b	Quaternary – Recent
Mycobates Hull, 1916	Quaternary – Recent
330. <i>Mycobates consimilis</i> Hammer, 1952 [Recent]	Qt Greenland
331. <i>Mycobates parmeliae</i> (Michael, 1884) [Recent]	Qt Karelia, Russia
332. <i>Mycobates sarekenis</i> (Trägårdh, 1910) [Recent]	Qt western Norway
Punctoribates Berlese, 1908	Quaternary – Recent
333. <i>Punctoribates punctum</i> (C. L. Koch, 1839) [Recent]	Qt Karelia, Russia
334. <i>Punctoribates sellnicki</i> Willmann, 1928 [Recent]	Qt Europe
<i>Punctoribates</i> sp. in Karpinen & Koponen (1973)	Qt Finland
ONYCHOBATIDAE Luxton, 1985	Recent
no fossil record	

RAMSAYELLIDAE Luxton, 1985	Recent
no fossil record	
ZETOMIMIDAE Shaldybina, 1966	Quaternary – Recent
Zetomimus author, date?	Quaternary – Recent
335. <i>Zetomimus furcatus</i> (Pearce & Warburton, 1906)* [Recent]	Qt Karelia, Russia
GALUMNOIDEA Jacot, 1925	Palaeogene – Recent
GALUMNELLIDAE Piffli, 1970	Quaternary – Recent
Galumnella Berlese, 1917	Quaternary – Recent
<i>Galumnella</i> sp. in Aoki (1974)	Qt Mizunami copal
GALUMNIDAE Jacot, 1925	Palaeogene – Recent
Galumnidae spp. in Norton & Poinar (1993)	Pa Baltic amber
Acrogalumna Grandjean, 1956b	Quaternary – Recent
336. <i>Acrogalumna longipluma</i> (Berlese, 1904)* [Recent]	Qt Karelia, Russia
Galumna von Heyden, 1826	Palaeogene – Recent
337. <i>Galumna clavata</i> Sellnick, 1931	Pa Baltic amber
338. <i>Galumna diversa</i> Sellnick, 1931	Pa Baltic amber
339. <i>Galumna lanceata</i> (Oudemans, 1900) [Recent]	Qt Karelia, Russia
340. <i>Galumna obvia</i> (Berlese, 1915) [Recent]	Qt Finland
<i>Galumna</i> sp. in Karppinen & Koponen (1974)	Qt Finland
Pergalumna Grandjean, 1936b	Quaternary – Recent
341. <i>Pergalumna dorsalis</i> (C. L. Koch, 1835) [Recent]	Qt Finland
342. <i>Pergalumna nervosa</i> (Berlese, 1914)* [Recent]	Qt northern Europe
Pilogalumna Grandjean, 1956b	Quaternary – Recent
343. <i>Pilogalumna tenuiclava</i> (Berlese, 1908) [Recent]	Qt Germany
ASTIGMATA G. Canestrini, 1891 (cohort)	Cretaceous – Recent
= ACARIDIDA author, date?	
Superfamily uncertain	
† LEVANTOGLYPHIDAE Klimov et al., 2021	Cretaceous
† Levantoglyphus Klimov et al., 2021	Cretaceous
344. <i>Levantoglyphus sidorchukae</i> Klimov et al., 2021*	K Lebanese amber
† GLAESACARIDAE Klimov & Sidorchuk in Sidorchuk & Klimov, 2011	Palaeogene
Sidorchuk & Klimov (2011) discussed the problems in placing this extinct family	
† Glaesacarus Klimov & Sidorchuk in Sidorchuk & Klimov, 2011	Palaeogene – Recent
345. <i>Glaesacarus rhombeus</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber

- SCHIZOGLYPHOIDEA Mahunka, 1978** **Recent**
SCHIZOGLYPHIDAE Mahunka, 1978 **Recent**
no fossil record
- HISTIOSTOMATOIDEA Berlese, 1897** **?Palaeogene – Recent**
GUANOLICHIDAE Fain, 1968 **Recent**
no fossil record
- HISTIOSTOMATIDAE Berlese, 1897** **?Palaeogene – Recent**
Hististomatidae? [alternatively Acaridae] *in* Dunlop *et al.* (2012) Pa Baltic amber
- CANESTRINIOIDEA Berlese, 1884** **Recent**
CANESTRINIIDAE Berlese, 1884 **Recent**
no fossil record
- CHETOCHELACARIDAE Fain, 1987** **Recent**
no fossil record
- HETEROCOPTIDAE Fain, 1967b** **Recent**
no fossil record
- LEMANNIELLIDAE Wurst, 2001** **Recent**
no fossil record
- HEMISCARPOCTOIDEA Oudemans, 1908** **Neogene – Recent**
ALGOPHAGIDAE Fain, 1974 **Recent**
no fossil record
- CARPOGLYPHIDAE Oudemans, 1923** **Recent**
no fossil record
- CHAETODACTYLIDAE Zachvatkin, 1941** **Recent**
no fossil record
- HEMISARCOPTIDAE Oudemans, 1908** **Recent**
no fossil record
- HYADESIIDAE Halbert, 1915** **Recent**
no fossil record
- MELIPONOCOPTIDAE Fain & Rosa, 1983** **Recent**
no fossil record

WINTERSCHMIDTIIDAE Oudemans, 1923	Neogene – Recent
† <i>Amphicalvolia</i> Türk, 1963	Neogene – Recent
346. <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?]	
† <i>Tyroglyphites</i> Pampaloni, 1902	Neogene – Recent
347. <i>Tyroglyphites miocenicus</i> 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. <i>in</i> 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

- TARSOCHEYLIDAE** Atyeo & Gaud, 1979 **Recent**
no fossil record
- THYSANOCERCIDAE** Atyeo & Peterson, 1972 **Recent**
no fossil record
- TROUESSARTIIDAE** Gaud, 1957 **Recent**
no fossil record
- TURBINOPTIDAE** Fain, 1957 **Recent**
no fossil record
- XOLALGIDAE** Dubinin, 1953 **Recent**
no fossil record
- SARCOPTOIDEA** Murray, 1877 **Neogene–Recent**
= 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

RECENT CONTAMINENTS?

1. *Acarus siro* (Linnaeus, 1758) in Kumar *et al.* (2011) P Chamba Valley, India
2. *Acarus indicus* Kumar, Ja Jha, Bhattacharya & Pande, 2011 P Chamba Valley, India
Sidorchuck (2018) regarded these species as immature nothroid oribatids, quite possibly modern contaminants

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

25 currently valid species of fossil ricinuleid

RICINULEI Thorell, 1876c	Carbon. – Recent
= RHINOASTRA Cook, 1899	
= PODOGONA Cook, 1899	
† PRIMORICINULEI Wunderlich, 2015c (suborder)	Cretaceous
† PRIMORICINULEIDAE Wunderlich, 2015c	Cretaceous
† <i>Primoricinuleus</i> Wunderlich, 2015c	Cretaceous
1. <i>Primoricinuleus pugio</i> Wunderlich, 2015c*	K Burmese amber
† HIRSUTISOMIDAE Wunderlich, 2017b	Cretaceous
† <i>Hirsutisoma</i> Wunderlich, 2017b	Cretaceous
2. <i>Hirsutisoma acutiformis</i> Wunderlich, 2017b	K Burmese amber
3. <i>Hirsutisoma bruckschi</i> Wunderlich, 2017b*	K Burmese amber
4. <i>Hirsutisoma dentata</i> Wunderlich, 2017b	K Burmese amber
5. <i>Hirsutisoma grimaldii</i> Botero-Trujillo, Davis, Michalik & Prendini, 2022 ..	K Burmese amber
† SIGILLARICINULEIDAE Wunderlich, 2022b	Cretaceous
† <i>Sigillaricinuleus</i> Wunderlich, 2022b	Cretaceous
6. <i>Sigillaricinuleus Tripares</i> Wunderlich, 2022b*	K Burmese amber
† MONOOCULRCINULIDAE Wunderlich, 2017b	Cretaceous
† <i>Monooculricinuleus</i> Wunderlich, 2017b	Cretaceous
7. <i>Monooculricinuleus incisus</i> Wunderlich, 2017b*	K Burmese amber
8. <i>Monooculricinuleus semiglobosus</i> Wunderlich, 2017b*	K Burmese amber
these two species appear to be misidentified laniatorids (Opiliones) from the family Sandokanidae; see also comments in Wunderlich & Müller (2018)	
† PALAEORICINULEI Selden, 1992 (suborder)	Carboniferous – ?Cret.
Wunderlich (2012e) treated Selden's two suborders as superfamilies	
Ricinulei indet. <i>in</i> Wunderlich (2012e)	K Burmese amber
† CURCULIOIDIDAE Cockerell, 1916	Carboniferous
† <i>Amarixys</i> Selden, 1992	Carboniferous
9. <i>Amarixys gracilis</i> (Petrunkevitch, 1945a)	C Mazon Creek
10. <i>Amarixys stellaris</i> Selden, 1992	C Mazon Creek
11. <i>Amarixys sulcata</i> (Melander, 1903)*	C Mazon Creek
† <i>Curculioides</i> Buckland, 1837	Carboniferous
12. <i>Curculioides adompha</i> Brauckmann, 1987	C Hagen-Vorhalle

13. *Curculioides ansticii* Buckland, 1837* C Coalbrookdale
14. *Curculioides bohemondi* Whalen & Selden, 2021 C Illinois, USA
15. *Curculioides eltringhami* Petrunkevitch, 1949 C Crawcrook
16. *Curculioides gigas* Selden, 1992 C Mazon Creek
17. *Curculioides granulatus* Petrunkevitch, 1949 C Ilkeston
18. *Curculioides mcluckiei* Selden, 1992 C Mazon Creek
19. *Curculioides pococki* Selden, 1992 C Coseley
20. *Curculioides scaber* (Scudder, 1890b) C Mazon Creek
- † **POLIOCHERIDAE Scudder, 1884** **Carboniferous – ?Cret.**
- † ***Poliochera* Scudder, 1884** **Carboniferous – ?Cret.**
21. ?*Poliochera cretacea* Wunderlich, 2012e K Burmese amber
22. *Poliochera gibbsi* Selden, 1992 C Illinois
23. *Poliochera glabra* Petrunkevitch, 1913 C Mazon Creek
24. *Poliochera punctulata* Scudder, 1884* C Mazon Creek
- † ***Terpsicroton* Selden, 1992** **Carboniferous**
25. *Terpsicroton alticeps* Selden, 1992* C Coseley
- NEORICINULEI Selden, 1992 (suborder)** **Recent**
- RICINOIDIDAE Ewing, 1929** **Recent**
- = CRYPTOSTEMMIDAE Westwood, 1874
- no fossil record
- NOMINA DUBIA**
1. *Poliochera* / *Curculioides pustulatus* Laurentiaux-Viera & Laurentiaux, 1963 C Kiaping

ARACHNIDA and/or PANTETRAPULMONATA

incertae sedis

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

- all the species below have been suggested as possible members of the so-called pantetrapulmonate arachnids; i.e. spiders and their closest relatives
- *Idmonarachne* was specifically proposed as a putative sister-group to spiders
- several fossils originally interpreted as Carboniferous spiders lack obvious spinnerets and were transferred by Selden (2021) to Tetrapulmonata *incertae sedis*

† <i>Ecchosis</i> Selden & Shear, 1991	Devonian
1. <i>Ecchosis pulchribothrium</i> Selden & Shear in Selden et al., 1991*	D Gilboa
† <i>Eoecteniza</i> Pocock, 1911	Carboniferous
2. <i>Eoecteniza silvicola</i> Pocock, 1911*	C Coseley
† <i>Idmonarachne</i> Garwood, Dunlop, Selden, Spencer, Atwood, Vo & Drakopoulos, 2016	Carboniferous
3. <i>Idmonarachne brasieri</i> Garwood, Dunlop, Selden, Spencer, Atwood, Vo & Drakopoulos, 2016*	C Montceau-les-Mines
† <i>Protoecteniza</i> Pocock, 1911	Carboniferous
4. <i>Protoecteniza britannica</i> Petrunkevitch, 1949*	C Coseley
† <i>Rakovnicia</i> Kušta, 1884a	Carboniferous
5. <i>Rakovnicia antiqua</i> Kušta, 1884a*	C Rakovník
† <i>Saccogulus</i> Dunlop, Fayers, Hass & Kerp, 2006	Devonian
6. <i>Saccogulus seldeni</i> Dunlop, Fayers, Hass & Kerp, 2006*	D Rhyne chert
† <i>Xenarachne</i> Dunlop & Poschmann, 1997	Devonian
7. <i>Xenarachne wilwerathensis</i> Dunlop & Poschmann, 1997*	D Willwerath

no Recent species

TRIGONOTARBIDA

70 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 steinmeyer* 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 bohémica* (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**
- † *Aenigmatarbus* Poschmann, Dunlop, Bértoux & Galtier, 2016 **Carboniferous**
 41. *Aenigmatarbus rastelli* Poschmann, Dunlop, Bértoux & Galtier, 2016* .. C Graissessac, France
- † *Namurotarbus* Poschmann & Dunlop, 2010 **Carboniferous**
 42. *Namurotarbus roessleri* (Dunlop & Brauckmann, 2006)* C Hagen-Vorhalle
- † *Permotarbus* Dunlop & Rößler, 2013 **Permian**
 43. *Permotarbus schuberti* Dunlop & Rößler, 2013 P Chemnitz
- † *Tynecotarbus* Hradská & Dunlop, 2013 **Carboniferous**
 44. *Tynecotarbus tichaveki* Hradská & Dunlop, 2013 C Týnec
- † **LISSOMARTIDAE** Dunlop, 1995 **Carboniferous**
- † *Lissomartus* Petrunkevitch, 1949 **Carboniferous**
 45. *Lissomartus carbonarius* (Petrunkevitch, 1913) C Mazon Creek
 46. *Lissomartus schucherti* (Petrunkevitch, 1913)* C Mazon Creek
- † **APHANTOMARTIDAE** Petrunkevitch, 1945a **Devonian – Permian**
 = † **TRIGONOMARTIDAE** Petrunkevitch, 1949
- † *Alkenia* Størmer, 1970 **Devonian**
 47. *Alkenia mirabilis* Størmer, 1970* D Alken an der Mosel
- † *Aphantomartus* Pocock, 1911 **Carbon. – Permian**

- = † *Trigonomartus* Petrunkevitch, 1913
 = † *Phrynomartus* Petrunkevitch, 1945a
48. *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 Rotliegendes
49. *Aphantomartus ilfeldicus* (Scharf, 1924) P Rotliegendes
50. *Aphantomartus pustulatus* (Scudder, 1884) C Coal Measures
 i. = ? *Kreischeria villeti* Pruvost, 1912 C Pas de Calais
 ii. = *Cleptomartus plötzensis* Simon, 1971 C Halleschen Mulde
- † **KREISCHERIIDAE Haase, 1890** **Carboniferous**
- † **Anzinia Petrunkevitch, 1953** **Carboniferous**
 51. *Anzinia thevenini* (Pruvost, 1919)* C Anzin
- † **Gondwanarache Pinto & Hünicken, 1980** **Carboniferous**
 52. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* C Bajo de Véliz
- † **Hemikreischeria Frič, 1904** **Carboniferous**
 53. *Hemikreischeria geinitzi* (Thevenin, 1902)* C France
- † **Kreischeria Geinitz, 1882** **Carboniferous**
 54. *Kreischeria wiedeii* Geinitz, 1882* C Zwickau
- † **Pseudokreischeria Petrunkevitch, 1953** **Carboniferous**
 55. *Pseudokreischeria pococki* (Gill, 1924) C Crawcrook
 i. = *Eophrynus varius* Petrunkevitch, 1949 C Crawcrook
- † **EOPHRYNIDAE Karsch, 1882** **Carboniferous**
 = † HEMIPHRYNIDAE Frič, 1904
- † **Eophrynus Woodward, 1871b** **Carboniferous**
 56. *Eophrynus prestvicii* (Buckland, 1837)* C Coalbrookdale
 57. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 C Hagen-Vorhalle
- † **Nyranytarbus Harvey & Selden, 1995** **Carboniferous**
 = † *Hemiphrynus* Frič, 1901 [preoccupied]
58. *Nyranytarbus hofmanni* (Frič, 1901) C Nýřany
 59. *Nyranytarbus longipes* (Frič, 1901)* C Nýřany
- † **Petrovicia Frič, 1904** **Carboniferous**
 60. *Petrovicia proditoria* Frič, 1904* C Petrovice
- † **Planomartus Petrunkevitch, 1953** **Carboniferous**
 61. *Planomartus krejci* (Kušta, 1883)* C Rakovník
 i. = *Anthracomartus affinis* Kušta, 1885 C Rakovník
- † **Pleophrynus Petrunkevitch, 1945a** **Carboniferous**
 62. *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
 63. *Pleophrynus hawsei* Dunlop, Wang, Selden & Krautz, 2014 C Kinney Brick Quarry
- † **Pocononia Petrunkevitch, 1953** **Carboniferous**
 64. *Pocononia whitei* (Ewing, 1930)* C Pocono Shales
- † **Somaspidion Jux, 1982** **Carboniferous**
 65. *Somaspidion hammapheron* Jux, 1982* C Dinslaken
- † **Stenotrogulus Frič, 1904** **Carboniferous**
 = † *Cyclotrogulus* Frič, 1904
 = † *Pseudoeophrynus* Příbyl, 1958
 66. *Stenotrogulus salmii* (Stur, 1877)* C Ostrava
 i. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] C Ostrava
 ii. = *Pseudoeophrynus ostraviensis* Příbyl, 1958 C Ostrava
- TRIGONOTARBIDA *incertae sedis*
- † **Anthracophrynus Andréé, 1913** **Carboniferous**
 67. *Anthracophrynus tuberculatus* Andréé, 1913* C Dudweiler
- † **Areomartus Petrunkevitch, 1913** **Carboniferous**
 68. *Areomartus ovatus* Petrunkevitch, 1913* C West Virginia
- † **'Eophrynus'**
 69. *'Eophrynus' scharfi* Scharf, 1924 P Rotliegend
- † **Aphantomartus Pocock, 1911** **Carboniferous**
 70. *Aphantomartus woodruffi* (Scudder, 1893) C Rhode Island
 as *Trigonomartus*
- 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

no Recent species

URARANEIDA

2 currently valid species of uraraneid

- The two uraraneids were previously interpreted as true spiders (Araneae), but are now thought to be a more basal lineage which produced silk but lacked spinnerets.
- Wunderlich (2015*b*) suggested that Uraraneida should be treated as suborder of Araneae, alongside an Araneida group for all true spiders.

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

FAMILY UNCERTAIN

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

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

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

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

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

no Recent species

ARANEIDA

1,427 currently valid species of fossil spider

ARANEIDA Clerck, 1757 Carbon. – Recent

Wunderlich (2019, 2020*b*) suggested dividing an order Araneida into two suborders: Chimerarachnida and Araneae; a scheme adopted by, e.g., Selden (2021)

† CHIMERARACHNIDA Wunderlich, 2019 Cretaceous

† CHIMERARACHNIDAE Wunderlich, 2019 Cretaceous

† *Chimerarachne* Wang *et al.*, 2018 Cretaceous

1. *Chimerarachne yingae* Wang *et al.*, 2018* K Burmese amber

Wang *et al.* (2018) suggested this is a basal spider with a tail, while a companion paper by Huang *et al.* (2018) resolved it closer to uraraneids; species name was originally given erroneously as *yingi*

† *Parachimerarachne* Wunderlich & Müller, 2022a Cretaceous

2. *Parachimerarachne longiflagellum* Wunderlich & Müller, 2022a* K Burmese amber

ARANEAE Clerck, 1757 Carbon. – Recent

MESOTHELAE Pocock, 1892 Carbon. – Recent

- Mesothelae indet. *in* Wunderlich (2017*c*) K Burmese amber

† ARTHROLYCOSIDAE Harger, 1874 Carboniferous

† *Arthrolycosa* Harger, 1874 Carbon. – Permian

3. *Arthrolycosa antiqua* Harger, 1874* C Mazon Creek
- Arthrolycosa* sp. *in* Eskov & Selden (2005) P Kityak river
- Arthrolycosa* sp. *in* Selden *et al.* (2014) C Chunya, Russia
- Arthrolycosa* sp. *in* Selden *et al.* (2014) C Donets Basin
- Arthrolycosa* sp. *in* Selden (2021) C Writhlington, UK

† *Protolycosa* Roemer, 1865 Carboniferous

4. *Protolycosa anthracophilia* Roemer, 1865* C Silesia
5. *Protolycosa cebennensis* Laurentiaux-Viera & Laurentiaux, 1963 C Cévennes, France
6. *Protolycosa danielsi* (Petrunkevitch, 1913) C Mazon Creek
7. *Protolycosa suazoi* Selden, 2021 C Kinney Quarry, USA

† PALAEOTHELIDAE Selden, 2021 Carboniferous

† *Palaeothele* Selden, 2000 Carboniferous

= † *Eothele* Selden, 1996 [preoccupied]

8. *Palaeothele montceauensis* (Selden, 1996)* C Montceau-les-Mines
9. *Palaeothele onoi* Selden, 2021 C Mazon Creek

† ARTHROMYGALIDAE Petrunkevitch, 1923	Carbon.–Cretaceous
= † PARVITHELIDAE Wunderlich, 2017c	
synonymy rejected by Wunderlich & Müller (2022)	
† <i>Geralycosa</i> Kušta, 1888	Carboniferous
= † <i>Arthromygale</i> Petrunkevitch, 1923	
10. <i>Geralycosa fritschi</i> Kušta, 1888*	C Rakovník
i. = <i>Arthromygale fortis</i> (Frič, 1904)	C Rakovník
ii. = <i>Arthrolycosa beecheri</i> Frič, 1904	C Rakovník
† <i>Parvithèle</i> Wunderlich, 2017c	Cretaceous
11. <i>Parvithèle muelleri</i> Wunderlich, 2017c*	K Burmese amber
12. <i>Parvithèle spinipes</i> Wunderlich, 2017c	K Burmese amber
<i>Parvithèle</i> sp. indet. in Wunderlich (2017c, 2019)	K Burmese amber
† <i>Pulvillothele</i> Wunderlich, 2017c	Cretaceous
13. <i>Pulvillothele haupti</i> Wunderlich, 2017c*	K Burmese amber

MESOTHELAE *incertae sedis*

† <i>Eolycosa</i> Kušta, 1885	Carboniferous
= † <i>Scuddería</i> Kušta, 1888 [preoccupied]	
= † <i>Kustaria</i> Petrunkevitch, 1953 [replacement name for <i>Scuddería</i>]	
14. <i>Eolycosa lorenzi</i> Kušta, 1885*	C Rakovník
i. = <i>Scuddería carbonaria</i> Kušta, 1888	C Rakovník
† EOMESOTHELIDAE Wunderlich, 2019	Cretaceous
† <i>Eomesothele</i> Wunderlich, 2019	Cretaceous
8. <i>Eomesothele noninclinata</i> Wunderlich, 2019*	K Burmese amber
† <i>Intermesothele</i> Wunderlich, 2019	Cretaceous
9. <i>Intermesothelae pulcher</i> Wunderlich, 2019*	K Burmese amber
† BURMATHELIDAE Wunderlich, 2017c	Cretaceous
† <i>Burmathele</i> Wunderlich, 2015b	Cretaceous
10. <i>Burmathele biseriata</i> Wunderlich, 2017c*	K Burmese amber
<i>Burmathele</i> sp. indet. in Wunderlich (2017c, 2019)	K Burmese amber
† CRETACEOTHELIDAE Wunderlich, 2017c	Cretaceous
† <i>Cretaceothele</i> Wunderlich, 2015b	Cretaceous
11. <i>Cretaceothele lata</i> Wunderlich, 2015b*	K Burmese amber

LIPHISTIIDAE Pocock, 1892

= HEPTATHELIDAE Haupt, 1983

no fossil record

OPISTHOTHELAE Pocock, 1892	Triassic – Recent
Opisthothelae <i>incertae sedis</i>	
† <i>Eoatypus</i> McCook, 1888	Palaeogene
12. <i>Eoatypus woodwardii</i> McCook, 1888*	Pa Isle of Wight
MYGALOMORPHAE Pocock, 1892	Triassic – Recent
Mygalomorphae indet. 1–3 <i>in</i> Wunderlich (2008 <i>d</i>)	K Burmese amber
Mygalomorphae indet. 1–2 <i>in</i> Wunderlich (2015 <i>b</i>)	K Burmese amber
Mygalomorphae indet. 1–2 <i>in</i> Wunderlich (2017 <i>c</i>)	K Burmese amber
Mygalomorphae indet. <i>in</i> Park <i>et al.</i> (2019)	K Jinju Form., Korea
Mygalomorphae indet. <i>in</i> Wunderlich & Müller (2022)	K Burmese amber
ATYPOIDEA Thorell, 1870a	Triassic – Recent
† <i>Friularachne</i> Dalla Vecchia & Selden, 2013	Triassic
13. <i>Friularachne rigoi</i> Dalla Vecchia & Selden, 2013*	Tr Friurli, Italy
ATYPIDAE Thorell, 1870a	Cretaceous – Recent
= CALOMMATOIDAE Thorell, 1887	
?Atypidae indet. <i>in</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
† <i>Ambiortiphagus</i> Eskov & Zonstein, 1990	Cretaceous
14. <i>Ambiortiphagus ponomarenkoi</i> Eskov & Zonstein, 1990*	K Central Mongolia
<i>Atypus</i> Latreille 1804	Palaeogene – Recent
= † <i>Balticatypus</i> Wunderlich, 2011 <i>h</i>	
Wunderlich (2020a) challenged Perkovsky <i>et al.</i> 's (2018) synonymy of <i>Balticatypus</i> with <i>Atypus</i> .	
15. <i>Atypus beigeli</i> (Wunderlich, 2011 <i>h</i>)	Pa Baltic amber
16. <i>Atypus juvenis</i> (Wunderlich, 2011 <i>h</i>)	Pa Baltic amber
17. <i>Atypus spinosus</i> (Wunderlich, 2011 <i>h</i>)	Pa Baltic amber
<i>Atypus</i> sp. <i>in</i> Perkovsky <i>et al.</i> (2018)	Pa Rovno amber
ANTRODIAETIDAE Gertsch <i>in</i> Comstock, 1940	Cretaceous – Recent
= BRACHYBOTHRIDAE Simon, 1892	
= ACCATYMIDAE Kishida, 1930	
† <i>Cretacattyma</i> Eskov & Zonstein, 1990	Cretaceous
18. <i>Cretacattyma raveni</i> Eskov & Zonstein, 1990*	K Central Mongolia
MECICOBOTHRIIDAE Holmberg, 1882	Cretaceous – Recent
= HEXURIDAE Simon, 1889 <i>b</i>	
† <i>Cretohexura</i> Eskov & Zonstein, 1990	Cretaceous
19. <i>Cretohexura coylei</i> Eskov & Zonstein, 1990*	K Transbaikalia
† <i>Cretomegahexura</i> Eskov & Zonstein, 1990	Cretaceous
20. <i>Cretomegahexura platnicki</i> Eskov & Zonstein, 1990*	K Central Mongolia
AVICULAROIDEA Author, date	Triassic – Recent

DIPLURIDAE Simon, 1889b	Triassic – Recent
Dipluridae sp. 1–3 <i>in</i> Wunderlich (2004a)	Pa Baltic amber
Dipluridae sp. <i>in</i> Wunderlich (2004a)	Ne Dominican amber
Dipluridae indet. <i>in</i> Wunderlich (2012d)	K Burmese amber
Dipluridae indet. <i>in</i> Wunderlich (2015b)	K Burmese amber
† <i>Alterphyxioschmoides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
21. <i>Alterphyxioschmoides spicula</i> Wunderlich <i>in</i> Wunder. & Müller, 2021* ..	K Burmese amber
† <i>Cethegoides</i> Wunderlich, 2017c	Cretaceous
22. <i>Cethegoides patricki</i> Wunderlich, 2017c*	Pa Baltic / Bitt. amber
† <i>Clostes</i> Menge, 1869	Palaeogene
23. <i>Clostes priscus</i> Menge, 1869*	Pa Baltic / Bitt. amber
† <i>Cretadiplura</i> Selden <i>in</i> Selden <i>et al.</i>, 2006	Cretaceous
24. <i>Cretadiplura ceara</i> Selden <i>in</i> Selden <i>et al.</i> , 2006*	K Crato Formation
† <i>Dinodiplura</i> Selden <i>in</i> Selden <i>et al.</i>, 2006	Cretaceous
25. <i>Dinodiplura ambulacra</i> Selden <i>in</i> Selden <i>et al.</i> , 2006*	K Crato Formation
† <i>Edwa</i> Raven, Jell & Knezour, 2015	Triassic
26. <i>Edwa maryae</i> Raven, Jell & Knezour, 2015*	Tr Qnsld., Australia
<i>Ischnothele</i> Ausserer, 1875	?Neogene – Recent
? <i>Ischnothele</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
<i>Masteria</i> L. Koch, 1873	Neogene – Recent
= † <i>Microsteria</i> Wunderlich, 1988	
27. <i>Masteria sexoculata</i> (Wunderlich, 1988)	Ne Dominican amber
? <i>Masteria</i> sp. <i>in</i> Schawaller (1982c: as ? <i>Ischnothele</i>)	Ne Dominican amber
† <i>Phyxioschemoides</i> Wunderlich, 2015b	Cretaceous
28. <i>Phyxioschemoides collembola</i> Wunderlich, 2015b*	K Burmese amber
† <i>Seldischnoplura</i> Raven, Jell & Knezour, 2015	Cretaceous
29. <i>Seldischnoplura seldeni</i> Raven, Jell & Knezour, 2015*	K Crato Formation
† FOSSILCALCARIDAE Wunderlich, 2015b	Cretaceous
† <i>Fossilcalcar</i> Wunderlich, 2015b	Cretaceous
30. <i>Fossilcalcar praeteritus</i> Wunderlich, 2015b*	K Burmese amber
HEXATHELIDAE Simon, 1892b	Triassic – Recent
?Hexathelidae indet. <i>in</i> Wunderlich & Müller (2021)	K Burmese amber
† <i>Alioatrx</i> Wunderlich, 2017c	Cretaceous
31. <i>Alioatrx incertus</i> Wunderlich, 2017c*	K Burmese amber
† <i>Rosamygale</i> Selden & Gall, 1992	Triassic
32. <i>Rosamygale grauvogeli</i> Selden & Gall, 1992*	Tr Vosges, France
CTENIZIDAE Thorell, 1887	Cretaceous – Recent
= HALONOPROCTIDAE Pocock, 1903	

?Ctenizidae gen. et sp. Indet. <i>in</i> Wunderlich (2020 <i>b</i>)	K	Tilin amber
† Baltocteniza Eskov & Zonstein, 2000	Palaeogene	
33. <i>Baltocteniza kulickae</i> Eskov & Zonstein, 2000	Pa	Baltic amber
† Electrocteniza Eskov & Zonstein, 2000	Palaeogene	
34. <i>Electrocteniza sadilenkoi</i> Eskov & Zonstein, 2000	Pa	Baltic amber
† Parvocteniza Wunderlich, 2020<i>b</i>	Cretaceous	
35. <i>Parvocteniza parvula</i> Wunderlich, 2020 <i>b</i>	K	Burmese amber
Ummidia Thorell, 1875	Palaeogene – Recent	
36. <i>Ummidia damzeni</i> Wunderlich, 2000	Pa	Baltic amber
37. <i>Ummidia malinowskii</i> Wunderlich, 2000	Pa	Baltic amber
<i>Ummidia</i> sp. <i>in</i> Wunderlich (2004 <i>a</i>)	Pa	Baltic amber
? <i>Ummidia</i> sp. <i>in</i> Wunderlich (2011 <i>h</i>)	Pa	Baltic amber
EUCTENIZIDAE Raven, 1985	Recent	
no fossil record		
CYRTAUCHENIIDAE Simon, 1892<i>b</i>	Neogene – Recent	
Bolostromus Ausserer, 1875	Neogene – Recent	
38. <i>Bolostromus destructus</i> Wunderlich, 1988	Ne	Dominican amber
BARYCHELIDAE Simon, 1889<i>b</i>	Neogene – Recent	
Psalistops Simon, 1889<i>b</i>	Neogene – Recent	
39. <i>Psalistops hispaniolensis</i> Wunderlich, 1988*	Ne	Dominican amber
THERAPHOSIDAE Thorell, 1870<i>a</i>	Cretaceous – Recent	
= AVICULARIIDAE Simon, 1874		
Theraphosidae gen. et sp. indet. <i>in</i> Dunlop <i>et al.</i> (2008)	Ne	Chiapas amber
Hemirraghus Simon, 1903	Neogene – Recent	
<i>Hemirraghus</i> sp. <i>in</i> García-Villafuerte (2008)	Ne	Chiapas amber
† Ischnocolinopsis Wunderlich, 1988	Neogene	
40. <i>Ischnocolinopsis acutus</i> Wunderlich, 1988*	Ne	Dominican amber
† Protertheraphosa Wunderlich, 2020<i>b</i>	Cretaceous	
41. <i>Protertheraphosa spinipes</i> Wunderlich, 2020 <i>b</i> *	Ne	Dominican amber
NEMESIIDAE Simon, 1892<i>b</i>	Cretaceous – Recent	
= PYCNOTHELIDAE Chamberlin, 1917		
Nemesiidae juvenile indet. <i>in</i> Wunderlich (2020 <i>b</i>)	K	Burmese amber
† Burmesia Wunderlich, 2020<i>b</i>	Cretaceous	
needs replacing, junior homonym of the bivalve genus <i>Burmesia</i> Healy, 1908		
42. <i>Burmesia sordida</i> Wunderlich, 2020 <i>b</i> *	K	Burmese amber
† Cretamygale Selden, 2002	Cretaceous	

43. *Cretamygale chasei* Selden, 2002* K Isle of Wight
† ***Eodiplurina* Petrunkevitch, 1922** **Palaeogene**
Selden (2001) questioned this familial placement based on claw structure
44. *Eodiplurina cockerelli* Petrunkevitch, 1922* Pa Florissant
† ***Myannemesia* Wunderlich, 2020b** **Cretaceous**
45. *Myannemesia glaber* Wunderlich, 2020b K Burmese amber
- MICROSTIGMATIDAE Roewer, 1942** **Neogene – Recent**
= MICROMYGALIDAE Wunderlich, 2004b
- † ***Parvomygale* Wunderlich, 2004b** **Neogene**
46. *Parvomygale distincta* Wunderlich, 2004b* Ne Dominican amber
- 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
- PARATROPIDIDAE Simon, 1889a** **Recent**
no fossil record
- IDIOPIDAE Simon, 1892b** **Cretaceous – Recent**
Idiopidae juvenile indet. 1–3 *in* Wunderlich (2020b) K Burmese amber
- ARANEOMORPHAE Smith, 1902** **Triassic – Recent**
ARANEOMORPHAE indet.
Araneomorphae indet. *in* Park *et al.* (2019) K Jinju Form., Korea
† ***Argyrahne* Selden *in* Selden *et al.*, 1999** **Triassic**
47. *Argyrahne solitus* Selden *in* Selden *et al.*, 1999* Tr Virginia
† ***Triassaraneus* Selden *in* Selden *et al.*, 1999** **Triassic**
48. *Triassaraneus andersonorum* Selden *in* Selden *et al.*, 1999* Tr KwaZulu-Natal
- HYPOCHILIDAE Marx, 1888** **Recent**
= ECTATOSTICTIDAE Lehtinen, 1967
no fossil record
- FILISTATIDAE Ausserer, 1867** **Neogene – Recent**
***Antilloides* Brescovit, Sánchez-Ruiz & Alayón, 2016** **Neogene – Recent**
49. *Antilloides didicostae* (Penney, 2005a) Ne Dominican amber
- SYNSPERMIATA Michalik & Ramírez, 2014** **Jurassic – Recent**

TROGLORAPTORIDAE Griswold, Audisio & Ledford, 2012	Recent
no fossil record	
† BURMORSOLIDAE Wunderlich 2015b	Cretaceous
raised from a subfamily to a family by Wunderlich (2020b)	
† <i>Burmorsolus</i> Wunderlich, 2015b	Cretaceous
= † <i>Loxoderces</i> Wunderlich, 2017c	
= † <i>Pseudorsolus</i> Wunderlich, 2017c	
50. <i>Burmorsolus crassus</i> (Wunderlich, 2015b)	K Burmese amber
51. <i>Burmorsolus curvatus</i> (Wunderlich, 2017c)	K Burmese amber
52. <i>Burmorsolus globosus</i> Wunderlich, 2020b	K Burmese amber
53. <i>Burmorsolus nonplumosus</i> Wunderlich, 2015b*	K Burmese amber
54. <i>Burmorsolus longembolus</i> Wunderlich, 2020b	K Burmese amber
55. <i>Burmorsolus longibulbus</i> Wunderlich, 2020b	K Burmese amber
56. <i>Burmorsolus longicymbium</i> (Wunderlich, 2017c)	K Burmese amber
57. <i>Burmorsolus longitibia</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
58. <i>Burmorsolus rectus</i> (Wunderlich, 2017c)	K Burmese amber
<i>Burmorsolus</i> sp. indet. in Wunderlich (2015b, 2020b), Wunderlich & Müller (2021)	K Burmese amber
CAPONIIDAE Simon, 1890	Neogene – Recent
= COLOPHONIDAE O. P.-Cambridge, 1874 [based on a generic homonym]	
<i>Nops</i> MacLeay, 1839	Neogene – Recent
<i>Nops</i> sp. in Wunderlich (1988)	Ne Dominican amber
59. <i>Nops lobatus</i> Wunderlich, 1988	Ne Dominican amber
60. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
i. = <i>Nops segmentatus</i> Wunderlich, 1988	Ne Dominican amber
DYSDEROIDEA Bristowe, 1938	Cretaceous – Recent
?Dysderoidea s. l. indet 1–2 in Wunderlich (2008d)	K Burmese amber
SEGESTRIIDAE Simon, 1893	Cretaceous – Recent
?Segestriidae indet in Wunderlich (2008d)	K Burmese amber
<i>Ariadna</i> Audouin, 1826	Palaeogene – Recent
61. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
62. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
63. <i>Ariadna defuncta</i> Wunderlich, 2004c	Pa Bitterfeld amber
64. <i>Ariadna hintzei</i> Wunderlich, 2004as	Qt Madagascan copal
65. <i>Ariadna ovalis</i> Wunderlich, 2008a	Pa Baltic amber
66. <i>Ariadna parva</i> Wunderlich, 2008a	Pa Baltic amber
67. <i>Ariadna paucispinosa</i> Wunderlich, 1988	Ne Dominican amber
68. <i>Ariadna resinae</i> Hickman, 1957	Ne? Australian copal
? <i>Ariadna</i> sp. in Wunderlich (1988)	Ne Dominican amber

† Jordariadna Wunderlich, 2015b	Cretaceous
69. <i>Jordanariadna amissiocoli</i> (Wunderlich, 2008d)*	K Jordanian Amber
† Lebansegestria Wunderlich, 2008d	Cretaceous
70. <i>Lebansegestria azari</i> Wunderlich, 2008d*	K Lebanese amber
† Magnosegestria Wunderlich, 2020b	Cretaceous
71. <i>Magnosegestria tuber</i> Wunderlich, 2020b	K Burmese Amber
† Microsegestria Wunderlich & Milki, 2004	Cretaceous
72. <i>Microsegestria poinari</i> Wunderlich & Milki, 2004*	K Lebanese amber
† Palaeosegestria Penney, 2004a	Cretaceous
73. <i>Palaeosegestria lutzii</i> Penney, 2004a*	K New Jersey amber
Segestria Latreille, 1804a	Cretaceous – Recent
74. <i>Segestria flexio</i> Wunderlich, 2004c	Pa Baltic amber
75. <i>Segestria mortalis</i> Wunderlich 2004c	Pa Baltic amber
76. <i>Segestria plicata</i> Petrunkevitch, 1950	Pa Baltic amber
77. <i>Segestria scudderi</i> Petrunkevitch, 1922	Pa Florissant
78. <i>Segestria secessa</i> Scudder, 1890a	Pa Florissant
79. <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. <i>in</i> Penney (2002)	K New Jersey amber
<i>Segestria</i> sp. <i>in</i> Wunderlich (2004c)	Pa Baltic amber
<i>Segestria</i> sp. <i>in</i> Selden (2014b)	Pa Isle of Wight
† Vetsegestria Wunderlich, 2004c	Palaeogene
80. <i>Vetsegestria quinquespinosa</i> Wunderlich, 2004c*	Pa Baltic / Bitter. Amber
† PARVOSEGESTRIIDAE Wunderlich, 2020b	Cretaceous
† Parvosegestria Wunderlich, 2015b	Cretaceous
= † <i>Denticulsegestria</i> Wunderlich, 2015b	
= † <i>Jordansegestria</i> Wunderlich 2015b [questionable synonym; Wunderlich (2020b)]	
= † <i>Myansegestria</i> Wunderlich, 2015b [questionable synonym; Wunderlich (2020b)]	
81. <i>Parvosegestria caederens</i> (Wunderlich 2015b)	K Burmese Amber
82. <i>Parvosegestria detruneo</i> (Wunderlich, 2015b)	K Jordanian Amber
83. <i>Parvosegestria engin</i> (Wunderlich, 2015b)	K Burmese Amber
84. <i>Parvosegestria longitibialis</i> Wunderlich, 2015b	K Burmese Amber
85. <i>Parvosegestria obscura</i> Wunderlich, 2015b*	K Burmese Amber
86. <i>Parvosegestria pintgu</i> Wunderlich, 2015b	K Burmese Amber
87. <i>Parvosegestria rugosa</i> (Wunderlich, 2015b)	K Burmese Amber
88. <i>Parvosegestria triplex</i> Wunderlich, 2015b	K Burmese Amber
<i>Parvosegestria</i> sp. <i>indet in</i> Wunderlich (2020b)	K Burmese Amber
OONOPIIDAE Simon, 1890	Cretaceous – Recent
Oonopidae gen. et sp. <i>in</i> Penney (2002)	K New Jersey amber

Oonopidae indet. <i>in</i> Wunderlich & Müller (2022b)	Ne Chiapas amber
† Burmorchestina Wunderlich, 2008a	Cretaceous
89. <i>Burmorchestina acuminata</i> Wunderlich, 2017c	K Burmese amber
90. <i>Burmorchestina biangulata</i> Wunderlich, 2017c	K Burmese amber
91. <i>Burmorchestina circular</i> Wunderlich, 2020b	K Burmese amber
92. <i>Burmorchestina plana</i> Wunderlich, 2017c	K Burmese amber
93. <i>Burmorchestina prominens</i> Wunderlich, 2020b	K Burmese amber
94. <i>Burmorchestina pulcher</i> Wunderlich, 2008a*	K Burmese amber
95. <i>Burmorchestina pulcheroides</i> Wunderlich, 2017c	K Burmese amber
96. <i>Burmorchestina tuberosa</i> Wunderlich, 2017c	K Burmese amber
<i>Burmorchestina</i> sp. indet. <i>in</i> Wunderlich (2017c)	K Burmese amber
† Canadaorchestina Wunderlich, 2008a	Cretaceous
97. <i>Canadaorchestina albertensis</i> (Penney, 2006a)*	K Canadian amber
† Fossilopaea Wunderlich, 1988	Neogene
98. <i>Fossilopaea sulci</i> Wunderlich, 1988*	Ne Dominican amber
Heteroonops Dalmas, 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
99. <i>Orchestina (Baltorchestina) angulata</i> Wunderlich, 2012f	
[replacement name].....	Pa Bitterfeld amber
i. = <i>Orchestina (B.) rectangulata</i> Wunderlich, 2011h [preoccupied]	
100. <i>Orchestina baltica</i> Petrunkevitch, 1942	Pa Baltic amber
101. <i>Orchestina (Baltorchestina) bitterfeldensis</i> Wunderlich, 2008a	Pa Bitterfeld amber
102. <i>Orchestina breviembolus</i> Wunderlich, 1981	Pa Baltic amber
103. <i>Orchestina (Baltorchestina) brevis</i> Wunderlich, 2008a	Pa Baltic / Bitter. Amber
104. <i>Orchestina crassiembolus</i> Wunderlich, 1981	Pa Baltic amber
105. <i>Orchestina (Baltorchestina) crassipatellaris</i> Wunderlich, 1981	Pa Baltic amber
106. <i>Orchestina (Baltorchestina) crassitibialis</i> Wunderlich, 1981	Pa Baltic amber
107. <i>Orchestina (Baltorchestina) colchembolus</i> Wunderlich, 1981	Pa Baltic amber
108. <i>Orchestina colombiensis</i> Wunderlich, 2004at	Qt Colombian copal
109. <i>Orchestina dominicana</i> Wunderlich, 1981	Ne Dominican amber
110. <i>Orchestina forceps</i> Wunderlich, 1981	Pa Baltic amber
111. <i>Orchestina (Baltorchestina) forfex</i> Wunderlich, 2011h	Pa Baltic amber
112. <i>Orchestina (Baltorchestina) furca</i> Wunderlich, 1981	Pa Baltic amber
113. <i>Orchestina fushunensis</i> Wunderlich, 2004au	Pa Fu Shun amber
114. <i>Orchestina gappi</i> Saupe <i>et al.</i> , 2012	K Archingey amber
115. <i>Orchestina gracilitibialis</i> Wunderlich, 2004c	Pa Baltic amber
116. <i>Orchestina (Baltorchestina) imperialis</i> Wunderlich, 1981	Pa Baltic amber
117. <i>Orchestina kenya</i> Wunderlich, 1981	Qt East African copal

118. <i>Orchestina longimana</i> Wunderlich, 1981	Qt East African copal
119. <i>Orchestina madagascariensis</i> Wunderlich, 2004as	Qt Madagascan copa
120. <i>Orchestina mortua</i> Petrunkevitch, 1971	Ne Chiapas amber
121. <i>Orchestina (Baltorchestina) multisetae</i> Wunderlich, 2008a	Pa Baltic amber
122. <i>Orchestina (Gallorchestina) parisiensis</i> Penney, 2007b	Pa Le Quesnoy amber
123. <i>Orchestina (Baltorchestina) perfecta</i> Wunderlich, 2008a	Pa Baltic amber
124. <i>Orchestina rabagensis</i> Saupe et al., 2012	K El Soplao amber
125. <i>Orchestina (Baltorchestina) rectangularata</i> Wunderlich, 2008a	Pa Baltic amber
126. <i>Orchestina sakhalinensis</i> Marusik, Perkovsky & Eskov, 2018	Pa Sakhalinian amber
127. <i>Orchestina (Baltorchestina) sternalis</i> Wunderlich, 2008a	Pa Baltic amber
128. <i>Orchestina tibialis</i> Wunderlich, 1988	Ne Dominican amber
129. <i>Orchestina truncata</i> Wunderlich, 2004at	Qt Colombian copal
130. <i>Orchestina tuberosa</i> Wunderlich, 1981	Pa Baltic amber
<i>Orchestina</i> sp. in Nishikawa (1974)	Qt Mizunami copal
<i>Orchestina</i> sp. in Penney (2006)	K Burmese amber
<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
131. <i>Stenoonops incertus</i> (Wunderlich, 1988)	Ne Dominican amber
132. ? <i>Stenoonops rugosus</i> Wunderlich, 2004c	Pa Bitterfeld amber
133. <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 Burmese amber
?Plumorsolidae indet. in Wunderlich (2011i)	K Burmese amber
† Plumorsolus Wunderlich, 2008d	Cretaceous
134. <i>Plumorsolus gondwanensis</i> Wunderlich, 2008d	K Lebanese amber
DYSDERIDAE C. L. Koch, 1837	Palaeogene – Recent
† Dasumiana Wunderlich, 2004c	Palaeogene
135. <i>Dasumiana emicans</i> Wunderlich, 2004c*	Pa Baltic amber
136. ? <i>Dasumiana subita</i> (Petrunkevitch, 1958)	Pa Baltic amber
137. <i>Dasumiana valga</i> Wunderlich, 2004c	Pa Baltic amber
Dysdera Latreille, 1804	Palaeogene – Recent
138. <i>Dysdera dilatata</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Harpactea Bristowe, 1939	Palaeogene – Recent
139. <i>Harpactea communis</i> Wunderlich, 2004c	Pa Baltic amber
140. <i>Harpactea extincta</i> Petrunkevitch, 1950	Pa Baltic amber

141. <i>Harpactea hombergi</i> (Scopoli, 1763) [Recent]	Qt	England
142. <i>Harpactea longibulbus</i> Wunderlich, 2011 <i>h</i>	Pa	Baltic amber
143. <i>Harpactea tersa</i> (C. L. Koch & Berendt, 1854) [provisional transfer]	Pa	Baltic amber
<i>Harpactea</i> sp. in Wunderlich (2011 <i>h</i>)	Pa	Bitterfeld amber
† Segistriites Straus, 1967	Neogene	
144. <i>Segistriites cromei</i> Straus, 1967*.....	Ne	Willershausen
Dysderidae?		
† Mistura Petrunkevitch, 1971	Neogene	
145. <i>Mistura perplexa</i> Petrunkevitch, 1971*	Ne	Chiapas amber
SCYTODOIDEA Blackwall, 1864	Cretaceous – Recent	
SICARIIDAE Keyserling, 1880a	Neogene – Recent	
= LOXOSCELIDAE Simon, 1893		
Loxosceles Heineken & Lowe, 1832	Neogene – Recent	
146. <i>Loxosceles aculicaput</i> Wunderlich, 2004 <i>c</i>	Ne	Dominican amber
147. <i>Loxosceles defecta</i> Wunderlich, 1988	Ne	Dominican amber
148. <i>Loxosceles deformis</i> Wunderlich, 1988	Ne	Dominican amber
<i>Loxosceles</i> sp. in Wunderlich (1988)	Ne	Dominican amber
DRYMUSIDAE Simon, 1893	Recent	
no fossil record		
PERIEGOPIIDAE Simon, 1893	Recent	
no fossil record		
OCHYROCERATIDAE Fage, 1912 s. l. [incl. PSILODERCINAE]	Cretaceous – Recent	
Wunderlich (2015 <i>b</i> , 2017 <i>c</i>) recognised Psilodercidae as a distinct family		
?Epsilodercidae indet. 1–3 in Wunderlich (2008 <i>d</i>)	K	Burmese amber
† Aculeatosoma Wunderlich, 2017c	Cretaceous	
Wunderlich & Müller (2022) suggested possible affinities to Burmorsoloidae		
149. <i>Aculeatosoma pyritmutatio</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
† Arachnolithulus Wunderlich, 1988	Neogene	
150. <i>Arachnolithulus longipes</i> Wunderlich, 2004 <i>c</i>	Ne	Dominican amber
151. <i>Arachnolithulus pygmaeus</i> Wunderlich, 1988*	Ne	Dominican amber
? <i>Arachnolithulus</i> sp. in Wunderlich (1988)	Ne	Dominican amber
† Priscaleclercera Wunderlich, 2017c	Cretaceous	
152. <i>Priscaleclercera brevispinae</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
153. <i>Priscaleclercera ellenbergeri</i> Wunderlich, 2015 <i>b</i> *.....	K	Burmese amber
154. <i>Priscaleclercera furcata</i> Wunderlich, 2020 <i>b</i> *.....	K	Burmese amber
155. <i>Priscaleclercera hamo</i> Wunderlich, 2020 <i>b</i> *.....	K	Burmese amber
156. <i>Priscaleclercera liber</i> Wunderlich, 2020 <i>b</i> *.....	K	Burmese amber

157. <i>Priscaleclercera longissipes</i> (Wunderlich, 2012d)	K	Burmese amber
158. <i>Priscaleclercera paucispinae</i> Wunderlich, 2017c	K	Burmese amber
159. <i>Priscaleclercera sexaculeata</i> (Wunderlich, 2015b)	K	Burmese amber
160. <i>Priscaleclercera spicula</i> (Wunderlich, 2012d)	K	Burmese amber
<i>Priscaleclercera</i> sp. indet. in (Wunderlich, 2015b)	K	Burmese amber
<i>Priscaleclercera</i> sp. indet. in (Wunderlich, 2017c)	K	Burmese amber
† ALIENDIGUETIDAE Wunderlich, 2020b		
† <i>Aliendiguertia</i> Wunderlich, 2020b	Cretaceous	
161. <i>Aliendiguertia praecursor</i> Wunderlich, 2020b	K	Burmese amber
† EOPSILODERCIDAE Wunderlich, 2008d		
Wunderlich (2012d) recognised this as a junior synonym of a family Psilodercidae, but Wunderlich (2015b) subsequently reinstated the family		
† <i>Eopsiloderces</i> Wunderlich, 2008d	Cretaceous	
162. <i>Eopsiloderces filiformis</i> (Wunderlich, 2012d)	K	Burmese amber
163. <i>Eopsiloderces loxosceloides</i> Wunderlich, 2008d*	K	Burmese amber
164. <i>Eopsiloderces serenitas</i> Wunderlich, 2015b	K	Burmese amber
<i>Eopsiloderces</i> sp. indet. in Wunderlich (2015b)	K	Burmese amber
† <i>Propterpsiloderces</i> Wunderlich, 2015b	Cretaceous	
165. <i>Propterpsiloderces crassitibia</i> Wunderlich, 2020b*	K	Burmese amber
166. <i>Propterpsiloderces cymbioseta</i> Wunderlich, 2020b*	K	Burmese amber
167. <i>Propterpsiloderces duplex</i> Wunderlich, 2020b*	K	Burmese amber
168. <i>Propterpsiloderces longisetae</i> Wunderlich, 2015b*	K	Burmese amber
169. <i>Propterpsiloderces similis</i> Wunderlich in Wunderlich & Müller, 20201 ...	K	Burmese amber
SCYTODIDAE Blackwall, 1864		
Scytodidae sp. 1–2 in Wunderlich (2004b)	Pa	Bitterfeld amber
Scytodes Latreille, 1804a		
170. ? <i>Scytodes hani</i> Wunderlich, 2012d	K	Jordanian amber
171. <i>Scytodes marginalis</i> Wunderlich, 2004as	Qt	Madagascan copal
172. <i>Scytodes piliformis</i> Wunderlich, 1988	Ne	Dominican amber
173. <i>Scytodes planithorax</i> Wunderlich, 1988	Ne	Dominican amber
174. <i>Scytodes stridulans</i> Wunderlich, 1988	Ne	Dominican amber
175. <i>Scytodes weitschati</i> Wunderlich, 1993a	Pa	Baltic amber
<i>Scytodes</i> sp. in Wunderlich (1988)	Ne	Dominican amber
<i>Scytodes</i> sp. in Wunderlich (2011h)	Pa	Baltic amber
PRAEPHOLCIDAE Wunderlich, 2017c		
subfamily raised to a family by Wunderlich (2020b)		
† <i>Hamoderces</i> Wunderlich, 2020b	Cretaceous	
176. <i>Hamoderces opilionoides</i> Wunderlich, 2020b*	K	Burmese amber

- † ***Praepholcus* Wunderlich, 2017c** **Cretaceous**
 177. *Praepholcus huberi* Wunderlich, 2017c* K Burmese amber
Praepholcus sp. indet. in (Wunderlich 2020b) K Burmese amber

LOST TRACHEA CLADE

- 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 Burmese amber
 Tetrablemmidae ?gen. sp. indet. in Wunderlich, 2015b K Burmese amber
 Tetrablemminae indet. in Wunderlich, 2017c K Burmese amber
- † ***Alticorona* Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
 178. *Alticorona plenifemur* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
- † ***Balticoblemma* Wunderlich, 2004c** **Palaeogene**
 179. *Balticoblemma unicorniculum* Wunderlich, 2004c* Pa Baltic amber
- † ***Bicornoculus* Wunderlich, 2015b** **Cretaceous**
 180. *Bicornoculus granulans* Wunderlich, 2020b K Burmese amber
 181. *Bicornoculus levis* Wunderlich, 2015b* K Burmese amber
 ?*Bicornoculus* sp. in Wunderlich, 2015b K Burmese amber
- † ***Claspingblemma* Wunderlich in Wunderlich & Müller, 2022a** **Cretaceous**
 182. *Claspingblemma duospinae* Wunderlich in Wunderlich & Müller,
 2022a* K Burmese amber
- † ***Cymbioblemma* Wunderlich, 2017c** **Cretaceous**
 183. *Cymbioblemma corniger* Wunderlich, 2017c* K Burmese amber
 184. *Cymbioblemma fusca* Wunderlich, 2020b K Burmese amber
 185. *Cymbioblemma hamoembolus* Wunderlich, 2020b K Burmese amber
- † ***Electroblemma* Selden, Zhang & Ren, 2016** **Cretaceous**
 = † *Brignoliblemma* Wunderlich, 2017c
186. *Electroblemma acuminataformis* Wunderlich in Wunderlich & Müller,
 2022a K Burmese amber
 187. *Electroblemma bifida* Selden, Zhang & Ren, 2016* K Burmese amber
 188. *Electroblemma bifurcata* Wunderlich, 2020b K Burmese amber
 189. *Electroblemma bizarre* (Wunderlich, 2017c) K Burmese amber
 190. *Electroblemma caula* Wunderlich, 2020a K Burmese amber
 191. *Electroblemma nala* (Wunderlich, 2017c) K Burmese amber
 192. *Electroblemma paranala* (Wunderlich, 2017c) K Burmese amber
 193. *Electroblemma pinnae* Wunderlich, 2020b K Burmese amber
 194. *Electroblemma spermaferens* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
- † ***Eogamasomorpha* Wunderlich, 2008d** **Cretaceous**
 = † *Eoscaphiella* Wunderlich, 2011i
195. ?*Eogamasomorpha clara* Wunderlich, 2015b K Burmese amber

196. <i>Eogamasomorpha hamata</i> Wunderlich, 2017c.....	K	Burmese amber
197. <i>Eogamasomorpha magnaseta</i> Wunderlich in Wunderlich & Müller, 2022.....	K	Burmese amber
198. <i>Eogamasomorpha nubila</i> Wunderlich, 2008d*	K	Burmese amber
199. <i>Eogamasomorpha ohlhoffi</i> (Wunderlich, 2011i)	K	Burmese amber
200. <i>Eogamasomorpha rostratis</i> Wunderlich, 2020b	K	Burmese amber
<i>Eogamasomorpha</i> sp. indet. in Wunderlich (2017c)	K	Burmese amber
† Furcembolus Wunderlich, 2008d		Cretaceous
= † <i>Praeterpaculla</i> Wunderlich, 2015b		
201. <i>Furcembolus andersoni</i> Wunderlich, 2008d*	K	Burmese amber
202. <i>Furcembolus armatura</i> (Wunderlich, 2015b).....	K	Burmese amber
203. <i>Furcembolus biacuta</i> (Wunderlich, 2015b).....	K	Burmese amber
204. <i>Furcembolus crassitibia</i> Wunderlich, 2017c.....	K	Burmese amber
205. <i>Furcembolus dissolata</i> (Wunderlich, 2015b).....	K	Burmese amber
206. <i>Furcembolus equester</i> (Wunderlich, 2015b).....	K	Burmese amber
207. <i>Furcembolus grossa</i> Wunderlich, 2017c.....	K	Burmese amber
208. <i>Furcembolus longior</i> Wunderlich, 2017c.....	K	Burmese amber
209. <i>Furcembolus tuberosa</i> (Wunderlich, 2015b)*.....	K	Burmese amber
† Longissithorax Wunderlich, 2017c		Cretaceous
210. <i>Longissithorax myanmarensis</i> Wunderlich, 2017c*.....	K	Burmese amber
† Longithorax Wunderlich, 2017c		Cretaceous
211. <i>Longithorax furca</i> Wunderlich, 2017c*.....	K	Burmese amber
Monoblemma Gertsch, 1941		Neogene
212. ? <i>Monoblemma spinosum</i> Wunderlich, 1988	Ne	Dominican amber
† Palpalpaculla Wunderlich, 2017c		Cretaceous
213. <i>Palpalpaculla pulcher</i> Wunderlich, 2017c*	K	Burmese amber
† Procerclypeus Wunderlich in Wunderlich & Müller, 2021		Cretaceous
214. <i>Procerclypeus corniculatus</i> Wunderlich in Wunderlich & Müller, 2022a	K	Burmese amber
215. <i>Procerclypeus deformans</i> Wunderlich in Wunderlich & Müller, 2021* ...	K	Burmese amber
<i>Procerclypeus</i> sp. indet in Wunderlich & Müller, 2022a	K	Burmese amber
† Saetosoma Wunderlich, 2012d		Cretaceous
216. <i>Saetosoma filiembolus</i> Wunderlich, 2012d*.....	K	Burmese amber
† Tenuicephalus Wunderlich in Wunderlich & Müller, 2021		Cretaceous
217. <i>Tenuicephalus penicillus</i> Wunderlich in Wunderlich & Müller, 2021*.....	K	Burmese amber
† Unicornutiblemma Wunderlich, 2020b		Cretaceous
218. <i>Unicornutiblemma brevicornis</i> Wunderlich, 2020b	K	Burmese amber
219. <i>Unicornutiblemma gracilicornis</i> Wunderlich, 2020b	K	Burmese amber
220. <i>Unicornutiblemma longicornis</i> Wunderlich, 2020b	K	Burmese amber
221. <i>Unicornutiblemma unicornis</i> (Wunderlich, 2017c).....	K	Burmese amber
† Uniscutosoma Wunderlich, 2015b		Cretaceous
222. <i>Uniscutosoma aberrans</i> Wunderlich, 2015b*.....	K	Burmese amber

PLECTREURIDAE Simon, 1893	Jurassic – Recent
† <i>Eoplectreurys</i> Selden & Huang, 2010	Jurassic
223. <i>Eoplectreurys gertschi</i> Selden & Huang, 2010*	J Daohugou
† <i>Montsecarachne</i> Selden, 2014a	Cretaceous
224. <i>Montsecarachne amicorum</i> Selden, 2014a*	K El Montsec
erroneously cited as <i>amicus</i> in the abstract	
† <i>Palaeoplectreurys</i> Wunderlich, 2004c	Palaeogene
225. <i>Palaeoplectreurys baltica</i> Wunderlich, 2004c*	Pa Baltic amber
<i>Plectreurys</i> Simon, 1893	Neogene – Recent
226. <i>Plectreurys pittfieldi</i> Penney, 2009	Ne Dominican amber
DIGUETIDAE F. O. P.-Cambridge, 1899	Recent
no fossil record	
PHOLCIDAE C. L. Koch, 1851	Palaeogene – Recent
Pholcidae sp. 1–2 <i>in</i> Wunderlich (2004b)	Pa Baltic amber
Pholcidae sp. <i>in</i> Wunderlich (2004au)	Pa Fu Shun amber
<i>Coryssocnemis</i> Simon, 1893	Neogene – Recent
227. ? <i>Coryssocnemis velteni</i> Wunderlich, 2004c	Ne Dominican amber
<i>Leptopholcus</i> Simon, 1893	Neogene
228. <i>Leptopholcus kiskeya</i> Huber & Wunderlich, 2006	Ne Dominican amber
<i>Metagonia</i> Simon, 1893	Neogene – Recent
229. <i>Metagonia esquincacanoi</i> García-Villafuerte, 2019	Ne Chiapas amber
<i>Modisimus</i> Simon, 1893	Neogene – Recent
230. <i>Modisimus calcar</i> Wunderlich, 1988	Ne Dominican amber
231. <i>Modisimus calcaroides</i> Wunderlich, 1988	Ne Dominican amber
232. <i>Modisimus crassifemoralis</i> Wunderlich, 1988	Ne Dominican amber
233. <i>Modisimus oculatus</i> Wunderlich, 1988	Ne Dominican amber
234. <i>Modisimus tuberosus</i> Wunderlich, 1988	Ne Dominican amber
<i>Modisimus</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
† <i>Paraspermophora</i> Wunderlich, 2004c	Palaeogene
235. <i>Paraspermophora bitterfeldensis</i> Wunderlich, 2004c	Pa Bitterfeld amber
236. <i>Paraspermophora perplexa</i> Wunderlich, 2004c*	Pa Baltic amber
<i>Paraspermophora</i> sp. <i>in</i> Wunderlich (2004c, 2011h)	Pa Baltic / Bitt. amber
<i>Pholcophora</i> Banks, 1896	Neogene – Recent
237. <i>Pholcophora brevipes</i> Wunderlich, 1988	Ne Dominican amber
238. <i>Pholcophora gracilis</i> Wunderlich, 1988	Ne Dominican amber
239. <i>Pholcophora longicornis</i> Wunderlich, 1988	Ne Dominican amber
<i>Quamtana</i> Huber, 2003	Palaeogene – Recent
240. <i>Quamtana huberi</i> Penney, 2007a	Pa Le Quesnoy amber
† <i>Serratochorus</i> Wunderlich, 1988	Neogene

241. *Serratochorus pygmaeus* Wunderlich, 1988* Ne Dominican amber

GRADUNGULIDAE Forster, 1955 **Recent**

no fossil record

CY SPIGOT CLADE

- † **PRAETERLEPTONETIDAE Wunderlich 2008d** **Cretaceous**
- Praeterleptonetidae* indet. *in* Wunderlich (2008d) K Burmese amber
- ?*Praeterleptonetidae* indet. *in* Wunderlich 2015b K Burmese amber
- † ***Biapophyses* Wunderlich, 2015b** **Cretaceous**
242. *Biapophyses beate* Wunderlich, 2015b* K Burmese amber
 noted (as *B. beatae* [sic]) by Wunderlich & Müller (2018) as a possible plesion taxon in the leptonetoid–
 araneoid branch
- † ***Palaeohydropoda* Penney, 2004c** **Cretaceous**
243. *Palaeohydropoda myanmarensis* Penney, 2004c* K Burmese amber
- † ***Praeterleptoneta* Wunderlich, 2008d** **Cretaceous**
244. *Praeterleptoneta spinipes* Wunderlich, 2008d* K Burmese amber
- † **PROTOARANEOIDIDAE Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
- Protoaraneoididae* indet. *in* Wunderlich & Müller (2018) K Burmese amber
- † ***Praeteraraneoides* Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
- genus first mentioned as *Prateraraneoides* [sic], but correctly spelt in the species descriptions
245. *Praeteraraneoides bifurcatum* Wunderlich *in* Wunderlich & Müller, 2018* K Burmese amber
246. *Praeteraraneoides bipartitum* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
247. *Praeteraraneoides leni* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
248. *Praeteraraneoides multidentatum* Wunderlich *in* Wunderlich & Müller,
 2022 K Burmese amber
- † ***Proaraneoides* Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
249. *Proaraneoides cribellatum* Wunderlich *in* Wunderlich & Müller, 2018* K Burmese amber
250. *Proaraneoides lanceatum* Wunderlich *in* Wunderlich & Müller, 2021 ... K Burmese amber
- † ***Protoaraneoides* Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
251. *Protoaraneoides longispina* Wunderlich *in* Wunderlich & Müller, 2018* K Burmese amber
- † ***Spinipalpitibia* Wunderlich, 2015b** **Cretaceous**
252. *Spinipalpitibia hirsuta* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
253. *Spinipalpitibia maior* Wunderlich, 2015b* K Burmese amber
- Spinipalpitibia* sp. *in* Wunderlich & Müller (2018) K Burmese amber
- † **PHOLCOCHYROCERIDAE Wunderlich, 2008d (n. stat. 2012d)** **Cretaceous**
- † ***Autotomiana* Wunderlich, 2015b** **Cretaceous**
254. *Autotomiana brevisetosa* Wunderlich *in* Wunderlich & Müller, 2021 K Burmese amber
255. *Autotomiana hirsutipes* Wunderlich, 2015b* K Burmese amber
- ? *Autotomiana* sp. indet. *in* Wunderlich, 2015b and Wunderlich & Müller

(2021)	K Burmese amber
† <i>Kachinarachne</i> Wunderlich in Wunderlich & Müller, 2021	Cretaceous
256. <i>Kachinarachne oblonga</i> Wunderlich in Wunderlich & Müller, 2021*	K Burmese amber
† <i>Longissipalpus</i> Wunderlich, 2015b	Cretaceous
257. <i>Longissipalpus cochlea</i> Wunderlich, 2017c	K Burmese amber
258. <i>Longissipalpus aliter</i> Wunderlich in Wunderlich & Müller, 2022a	K Burmese amber
(replacement name)	
i. = <i>Longissipalpus cochlea</i> Wunderlich in Wunderlich & Müller, 2021	
(preoccupied)	
259. <i>Longissipalpus impudicus</i> Wunderlich in Wunderlich & Müller, 2021 ...	K Burmese amber
260. <i>Longissipalpus magnus</i> Wunderlich, 2015b	K Burmese amber
261. <i>Longissipalpus maior</i> Wunderlich, 2015b	K Burmese amber
262. <i>Longissipalpus minor</i> Wunderlich, 2015b*	K Burmese amber
† <i>Parvibulbus</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
263. <i>Parvibulbus incompletus</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
† <i>Pedipalparaneus</i> Wunderlich, 2015b	Cretaceous
264. <i>Pedipalparaneus seldeni</i> Wunderlich, 2015b*	K Burmese amber
† <i>Pholcochyrocer</i> Wunderlich, 2008d	Cretaceous
265. <i>Pholcochyrocer altipecten</i> Wunderlich, 2017c	K Burmese amber
266. ? <i>Pholcochyrocer baculum</i> Wunderlich, 2012d	K Burmese amber
267. <i>Pholcochyrocer calidum</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
268. <i>Pholcochyrocer guttulaequae</i> Wunderlich, 2008d*	K Burmese amber
269. <i>Pholcochyrocer pecten</i> Wunderlich, 2012d	K Burmese amber
270. <i>Pholcochyrocer vermiculus</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
† <i>Spinicreber</i> Wunderlich, 2015b	Cretaceous
271. <i>Spinicreber antiquus</i> Wunderlich, 2015b*	K Burmese amber
272. <i>Spinicreber vacuus</i> Wunderlich, 2020b*	K Burmese amber
<i>Spinicreber</i> sp. indet. In Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
† <i>Spinipalpus</i> Wunderlich, 2015b	Cretaceous
273. <i>Spinipalpus vetus</i> Wunderlich, 2015b*	K Burmese amber
LEPTONETIDAE Simon, 1890	Cretaceous – Recent
† <i>Eoleptoneta</i> Wunderlich, 1991	Palaeogene
274. <i>Eoleptoneta curvata</i> Wunderlich, 2004c	Pa Bitterfeld amber
275. <i>Eoleptoneta duocalcar</i> Wunderlich, 2004c	Pa Baltic amber
276. <i>Eoleptoneta kutscheri</i> Wunderlich, 1991*	Pa Bitterfeld amber
277. <i>Eoleptoneta multispinae</i> Wunderlich, 2011h	Pa Baltic amber
278. <i>Eoleptoneta pseudoarticulata</i> Wunderlich, 2011h	Pa Baltic amber
279. <i>Eoleptoneta similis</i> Wunderlich, 2004c	Pa Baltic amber
† <i>Oligoleptoneta</i> Wunderlich 2004c	Palaeogene
280. <i>Oligoleptoneta altoculus</i> Wunderlich 2004c*	Pa Baltic amber

281. *Oligoleptoneta cymbiospina* Wunderlich, 2011*h*..... Pa Baltic amber
- † **Palaeoleptoneta Wunderlich 2012*d*** **Cretaceous**
282. *Palaeoleptoneta acus* Wunderlich in Wunderlich & Müller, 2022*a* K Burmese amber
283. *Palaeoleptoneta baculum* Wunderlich in Wunderlich & Müller, 2022*a* .. K Burmese amber
284. *Palaeoleptoneta calcar* Wunderlich, 2012*d** K Burmese amber
285. *Palaeoleptoneta crus* Wunderlich, 2017*c* K Burmese amber
P. cruz in Wunderlich & Müller (2018) is a *lapsus*
286. *Palaeoleptoneta fissura* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
287. *Palaeoleptoneta laticymbium* Wunderlich in Wunderlich & Müller,
2022*a* K Burmese amber
288. *Palaeoleptoneta nils* Wunderlich in Wunderlich & Müller, 2018 K Burmese amber
289. *Palaeoleptoneta thilo* Wunderlich in Wunderlich & Müller, 2018 K Burmese amber
Paleoleptoneta sp. indet. in Wunderlich (2017*c*) K Burmese amber
- AUSTROCHILIDAE Zapfe, 1955** **Recent**
= THAIDIDAE Lehtinen, 1967
= HICKMANIIDAE Lehtinen, 1967
- no fossil record
- TELEMIDAE Fage, 1913** **Cretaceous – Recent**
- † ***Kachintelema* Wunderlich in Wunderlich & Müller, 2022*a*** **?Cretaceous – Recent**
290. *Kachintelema calcarfemur* Wunderlich in Wunderlich & Müller, 2022*a** .. K Burmese amber
- Telema* Simon, 1882** **Palaeogene – Recent**
291. ?*Telema moritzi* Wunderlich, 2004*c* Pa Baltic / Bitt. amber
- Telemofila* Wunderlich, 1995** **?Cretaceous – Recent**
292. ?*Telemofila crassifemoralis* Wunderlich, 2017*c* K Burmese amber
293. ?*Telemofila ovalis* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
- PALPIMANOIDEA Thorell, 1870a** **Jurassic – Recent**
- Palpimanoidea incerate sedis* in Park *et al.* (2019) K Jinju Form., Korea
- family uncertain
- † ***Seppo* Selden & Dunlop, 2014** **Jurassic**
294. *Seppo kopenhageni* Selden & Dunlop, 2014* J Grimmen, Germany
Wunderlich (2015*b*) suggested possible affinities to Araneidae
- † ***Sinaranea* Selden, Huang & Ren, 2008** **Jurassic**
295. *Sinaranea metaxyostraca* Selden, Huang & Ren, 2008* J Daohugou, China
- MECY SMAUCHENIIDAE Simon, 1895** **Cretaceous – Recent**
- † ***Archaemecys* Saupe & Selden, 2009** **Cretaceous**
296. *Archaemecys arcantiensis* Saupe & Selden, 2009 K Charente amber
Wunderlich (2015*b*) suggested that this could be an archaeid (Arachaeinae)
- † ***Palaeozearchaea* Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**

297. *Palaeozearchaea depressa* Wunderlich *in* Wunderlich & Müller, 2021* K Burmese amber
- HUTTONIIDAE Simon, 1893** **Cretaceous – Recent**
 unnamed genus and species in Penney & Selden (2006) K Manitoban amber
- † **PLANARCHAEIDAE Wunderlich, 2017c (n. stat. Wunderlich & Müller 2001)**
- † ***Eomysmauchenius* Wunderlich, 2008d** **Cretaceous**
 298. *Eomysmauchenius dubius* Wunderlich, 2008d K Burmese amber
 299. *Eomysmauchenius longissipes* Wunderlich, 2015b K Burmese amber
 tentative transfer by Wunderlich (2017c)
 300. *Eomysmauchenius septentrionalis* Wunderlich, 2008d* K Burmese amber
- † ***Planarchaea* Wunderlich, 2015b** **Cretaceous**
 = † *Filiauchenius* Wunderlich, 2008d
 301. *Planarchaea incompleta* Wunderlich *in* Wunderlich & Müller, 2021 K Burmese amber
 302. *Planarchaea kopp* Wunderlich, 2015b* K Burmese amber
 303. *Planarchaea oblonga* Wunderlich, 2017c K Burmese amber
 304. *Planarchaea ovata* Wunderlich, 2017c K Burmese amber
 305. *Planarchaea paucidentatus* (Wunderlich, 2008d) tentative transfer K Burmese amber
 306. *Planarchaea pilosa* (Wunderlich, 2015b) tentative transfer K Burmese amber
- † ***Platythelae* Wunderlich *in* Wunderlich & Müller, 2021** **Cretaceous**
 307. *Platythelae longicorpus* Wunderlich *in* Wunderlich & Müller, 2021 K Burmese amber
- † **MICROPALPIMANIDAE Wunderlich, 2008d** **Cretaceous**
- † ***Micropalpimanus* Wunderlich, 2008d** **Cretaceous**
 308. *Micropalpimanus gibber* Wunderlich *in* Wunderlich & Müller, 2021 K Burmese amber
 309. *Micropalpimanus poinari* Wunderlich, 2008d* K Burmese amber
Micropalpimanus sp. indet. *in* Wunderlich (2012d) and Wunderlich & Müller (2021) K Burmese amber
- PALPIMANIDAE Thorell, 1870a** **Cretaceous – Recent**
 = OTITHOPOIDAE Thorell, 1869 [younger name protected by usage]
 = CHERSIDAE Canestrini & Pavesi, 1870
Palpimanidae indet. *in* Wunderlich, 2017c K Burmese amber
- Otiothops MacLeay, 1839** **Neogene – Recent**
Otiothops sp. 1–2 *in* Wunderlich (1988) Ne Dominican amber
- † **LAGONOMEGOPIDAE Eskov & Wunderlich, 1995** **Cretaceous**
 = † GRANDOCULIDAE Penney, 2011
Lagonomegopidae indet. *in* Wunderlich, 2015b K Burmese amber
Lagonomegopidae gen et sp. indet. *in* Wunderlich, 2017c K Burmese amber
- † ***Albiburmops* Wunderlich, 2017c** **Cretaceous**
 310. *Albiburmops annulipes* Wunderlich, 2017c* K Burmese amber

† Archaelagonops Wunderlich, 2012d	Cretaceous
311. <i>Archaelagonops propinquus</i> Wunderlich, 2015b	K Burmese amber
312. <i>Archaelagonops salticoides</i> Wunderlich, 2012d*	K Burmese amber
313. <i>Archaelagonops scorsum</i> Wunderlich, 2015b	K Burmese amber
<i>Archaelagonops</i> sp. indet. in Wunderlich (2015b)	K Burmese amber
† Burlagonomegops Penney, 2005b	Cretaceous
314. <i>Burlagonomegops alavensis</i> Penney, 2006b	K Álava amber
315. <i>Burlagonomegops eskovi</i> Penney, 2005b*	K Burmese amber
† Cymbiolagonops Wunderlich, 2015b	Cretaceous
316. <i>Cymbiolagonops cymbiocalcar</i> Wunderlich, 2015b*	K Burmese amber
† Grandoculus Penney, 2004b [no longer accepted as a separate family]	Cretaceous
317. <i>Grandoculus chemahawinensis</i> Penney, 2004b*	K Canadian amber
† Jinjumegops Park, Nam & Selden, 2019	Cretaceous
318. <i>Jinjumegops dalingwateri</i> Park, Nam & Selden, 2019 *	K Jinju Form., Korea
† Koreamegops Park, Nam & Selden, 2019	Cretaceous
319. <i>Koreamegops samsiki</i> Park, Nam & Selden, 2019 *	K Jinju Form., Korea
† Lagonoburmops Wunderlich, 2012d	Cretaceous
320. <i>Lagonoburmops plumosus</i> Wunderlich, 2012d*	K Burmese amber
† Lagonomegops Eskov & Wunderlich, 1995	Cretaceous
321. <i>Lagonomegops americanus</i> Penney, 2005b	K New Jersey amber
322. ? <i>Lagonomegops cor</i> Pérez-de la Fuente, Saupe & Selden, 2015	K Álava amber
323. <i>Lagonomegops sukatchevae</i> Eskov & Wunderlich, 1995*	K Taimyr amber
324. ? <i>Lagonomegops tuber</i> Wunderlich, 2015b	K Burmese amber
† Lineaburmops Wunderlich, 2015b	Cretaceous
325. <i>Lineaburmops beigeli</i> Wunderlich, 2015b*	K Burmese amber
326. <i>Lineaburmops hirsutipes</i> Wunderlich, 2015b	K Burmese amber
327. <i>Lineaburmops maculatus</i> Wunderlich, 2017c	K Burmese amber
† Myanlagonops Wunderlich, 2012d	Cretaceous
328. <i>Myanlagonops gracilipes</i> Wunderlich, 2012d*	K Burmese amber
† Parviburmops Wunderlich, 2015b	Cretaceous
329. ? <i>Parviburmops bigibber</i> Wunderlich, 2015b	K Burmese amber
330. <i>Parviburmops brevipalpus</i> Wunderlich, 2015b*	K Burmese amber
† Paxillomegops Wunderlich, 2015b	Cretaceous
331. ? <i>Paxillomegops brevipes</i> Wunderlich, 2015b	K Burmese amber
332. ? <i>Paxillomegops cornutus</i> Wunderlich, 2017c	K Burmese amber
333. <i>Paxillomegops longipes</i> Wunderlich, 2015b*	K Burmese amber
† Picturmegops Wunderlich, 2015b	Cretaceous
334. <i>Picturmegops signatus</i> Wunderlich, 2015b*	K Burmese amber
† Planimegops Wunderlich, 2017c	Cretaceous
335. <i>Planimegops parvus</i> Wunderlich, 2017c*	K Burmese amber
† Soplaogonomegops Pérez-de la Fuente, Saupe & Selden	Cretaceous

Wunderlich (2015*b*) tentatively synonymised this genus with *Archaelagonops*

336. <i>Soplaogonomegops unzuei</i> Pérez-de la Fuente, Saupe & Selden, 2015*	.....	K El Soplao amber
† <i>Spinomegops</i> Pérez-de la Fuente, Saupe & Selden, 2015	.....	Cretaceous
337. <i>Spinomegops aragonensis</i> Pérez-de la Fuente, Saupe & Selden, 2015	.....	K San Just amber
338. <i>Spinomegops arcanus</i> Pérez-de la Fuente, Saupe & Selden, 2015*	.....	K Álava amber
† <i>Zarquagonomegops</i> Kaddumi, 2007	.....	Cretaceous
339. <i>Zarquagonomegops wunderlichi</i> Kaddumi, 2007*	.....	K Jordanian amber
† SPATIATORIDAE Petrunkevitch, 1942	.....	Cretaceous – Palaeo.
Spatiatoridae indet. <i>in</i> Wunderlich 2017 <i>c</i>	.....	K Burmese amber
† <i>Spatiator</i> Petrunkevitch, 1942	.....	Cretaceous – Palaeo.
340. <i>Spatiator bitterfeldensis</i> Wunderlich 2017 <i>a</i>	.....	Pa Bitterfeld amber
341. <i>Spatiator caulis</i> Wunderlich, 2008 <i>a</i>	.....	Pa Baltic amber
342. <i>Spatiator martensi</i> Wunderlich, 2006	.....	Pa Baltic amber
343. <i>Spatiator praeceps</i> Petrunkevitch, 1942*	.....	Pa Baltic amber
344. <i>Spatiator putescens</i> Wunderlich, 2015 <i>b</i>	.....	K Burmese amber
<i>Spatiator</i> sp. <i>in</i> Wunderlich (2011 <i>h</i>)	.....	Pa Baltic amber
† VETIATORIDAE Wunderlich, 2017<i>c</i>	.....	Cretaceous
Vetiatoridae indet. <i>in</i> Wunderlich (2017 <i>c</i>)	.....	K Burmese amber
† <i>Pekkachilus</i> Wunderlich, 2017<i>c</i>	.....	Cretaceous
<i>Pekkachilus</i> sp. indet. <i>in</i> Wunderlich (2017 <i>c</i>)	.....	K Burmese amber
345. <i>Pekkachilus vesica</i> Wunderlich, 2017 <i>c</i>*	.....	K Burmese amber
† <i>Praetervetianus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021	.....	Cretaceous
<i>Praetervetiator</i> is a <i>lapsus</i>		
346. <i>Praetervetianus circulis</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021*	.....	K Burmese amber
347. <i>Praetervetianus parvicirculis</i> Wunderlich <i>in</i> Wunderlich & Müller, 2022 <i>a</i>	.....	K Burmese amber
† <i>Procervetiator</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021	.....	Cretaceous
348. <i>Procervetiator fruticosus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021*	.....	K Burmese amber
† <i>Vetiator</i> Wunderlich, 2015<i>b</i>	.....	Cretaceous
349. <i>Vetiator gracilipes</i> Wunderlich, 2015 <i>b</i>*	.....	K Burmese amber
STENOCHILIDAE Thorell, 1873	.....	Recent
no fossil record		
ARCHAEIDAE C. L. Koch & Berendt, 1854	.....	Jurassic – Recent
Archaeinae indet. <i>in</i> Wunderlich, 2015 <i>b</i>	.....	K Burmese amber
<i>Archaea</i> C. L. Koch & Berendt, 1854	.....	Palaeogene – Recent
350. ? <i>Archaea bitterfeldensis</i> Wunderlich, 2004 <i>d</i>	.....	Pa Bitterfeld amber
351. <i>Archaea compacta</i> Wunderlich, 2004 <i>d</i>	.....	Pa Baltic amber

352. <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
353. <i>Archaea pougneti</i> Simon, 1884 <i>b</i>	Pa	Baltic amber
† Baltarchaea Eskov, 1992		Palaeogene
354. <i>Baltarchaea conica</i> (C. L. Koch & Berendt, 1854)*	Pa	Baltic amber
† Burmesarchaea Wunderlich, 2008<i>d</i>		Cretaceous
355. <i>Burmesarchaea alissa</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
356. <i>Burmesarchaea bilongapophysys</i> Wunderlich, 2020 <i>b</i>	K	Burmese amber
357. <i>Burmesarchaea caudata</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
358. <i>Burmesarchaea crassicaput</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
359. <i>Burmesarchaea crassichelae</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
360. <i>Burmesarchaea gibber</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
361. <i>Burmesarchaea gibberoides</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
362. <i>Burmesarchaea gibbosa</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
363. <i>Burmesarchaea grimaldii</i> (Penney, 2003 <i>a</i>)	K	Burmese amber
364. <i>Burmesarchaea longicollum</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
365. <i>Burmesarchaea propinqua</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
366. <i>Burmesarchaea pseudogibber</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
367. <i>Burmesarchaea pustulata</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
368. <i>Burmesarchaea quadrata</i> Wunderlich, 2017 <i>c</i>	K	Burmese amber
369. <i>Burmesarchaea speciosus</i> (Wunderlich, 2008 <i>d</i>)	K	Burmese amber
† Eoarchaea Forster & Platnick, 1984		Palaeogene
370. <i>Eoarchaea hyperoptica</i> (Menge in C. L. Koch & Berendt, 1854)*	Pa	Baltic amber
371. <i>Eoarchaea vidua</i> Wunderlich, 2004 <i>d</i>	Pa	Baltic amber
Eriauchenius O. P.-Cambridge, 1881		Quaternary – Recent
372. <i>Eriauchenius gracilicollis</i> (Milot, 1948) [Recent]	Qt	Copal
i. = <i>Archaea copalensis</i> Lourenço, 2000 <i>b</i>	Qt	Copal
† Jurarchaea Eskov, 1987		Jurassic
373. <i>Jurarchaea zherikhini</i> Eskov, 1987*	J	Kazakhstan
† Myrmecarchaea Wunderlich, 2004<i>d</i>		Palaeogene
374. <i>Myrmecarchaea petiolus</i> Wunderlich, 2004 <i>d</i> *	Pa	Baltic amber
375. <i>Myrmecarchaea pediculus</i> Wunderlich, 2004 <i>d</i>	Pa	Baltic amber
† Patarchaea Selden, Huang & Ren, 2008		Jurassic
376. <i>Patarchaea muralis</i> Selden, Huang & Ren, 2008*	J	Daohugou, China
† Saxonarchaea Wunderlich, 2004<i>d</i>		Palaeogene
377. <i>Saxonarchaea dentata</i> Wunderlich, 2004 <i>d</i> *	Pa	Bitterfeld amber
378. <i>Saxonarchaea diabolica</i> Wunderlich, 2004 <i>d</i>	Pa	Bitterfeld amber
† Spiniarchaea Wunderlich in Wunderlich & Müller, 2021		Cretaceous
379. <i>Spiniarchaea abberans</i> Wunderlich in Wunderlich & Müller, 2021*	K	Burmese amber

ENTELEGYNAE Simon, 1893	Jurassic – Recent
“Cribellate Entelegynae species 1–2” <i>in</i> Park <i>et al.</i> (2019)	K Jinju Form., Korea
NICODAMOIDEA Simon, 1898	Recent
MEGADICTYNIDAE Lehtinen, 1967	Recent
no fossil record	
NICODAMIDAE Simon, 1898	Recent
no fossil record	
ARANEOIDEA Latreille, 1806	Jurassic – Recent
Araneoidea fam. indet. <i>in</i> Wunderlich (2008d)	K Burmese amber
† Mesarania Hong, 1984	Jurassic
380. <i>Mesarania hebeiensis</i> Hong, 1984*	J Hebei, China
† MEGASETIDAE Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
† Megasetae Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
381. <i>Megasetae colphepeiroides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021*	K Burmese amber
† PRAETHERIDIIDAE Wunderlich, 2004/ (n. stat. 2012)	Palaeogene
† <i>Praetheridion</i> Wunderlich, 2004/	Palaeogene
382. <i>Praetheridion fleissneri</i> Wunderlich, 2004/*	Pa Baltic amber
† PROTHERIDIIDAE Wunderlich, 2004/	Palaeogene
† <i>Protheridion</i> Wunderlich, 2004/	Palaeogene
383. <i>Protheridion bitterfeldensis</i> Wunderlich, 2004/	Pa Bitterfeld amber
384. <i>Protheridion detritus</i> Wunderlich, 2004/	Pa Baltic amber
385. <i>Protheridion obscurum</i> Wunderlich, 2004/	Pa Baltic amber
386. <i>Protheridion punctatum</i> Wunderlich, 2004/	Pa Baltic amber
387. <i>Protheridion tibialis</i> Wunderlich, 2004/*	Pa Baltic amber
† LEVIUNGUIDAE Wunderlich <i>in</i> Wunderlich & Müller, 2018	Cretaceous
† <i>Leviunguis</i> Wunderlich, 2012d	Cretaceous
388. <i>Leviunguis altus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
389. <i>Leviunguis anulus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
390. <i>Leviunguis anuloides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
391. <i>Leviunguis bruckschi</i> Wunderlich, 2012d*	K Burmese amber
392. <i>Leviunguis bruckschoides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
393. <i>Leviunguis erectus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
394. <i>Leviunguis glomulus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
395. <i>Leviunguis glomus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
396. <i>Leviunguis graciliembolus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber

397. <i>Leviunguis gradus</i> Wunderlich in Wunderlich & Müller, 2018	K	Burmese amber
398. <i>Leviunguis porrigens</i> Wunderlich in Wunderlich & Müller, 2018	K	Burmese amber
399. <i>Leviunguis pseudobruckschi</i> Wunderlich in Wunderlich & Müller, 2018	K	Burmese amber
400. <i>Leviunguis quadratus</i> Wunderlich in Wunderlich & Müller, 2018	K	Burmese amber
<i>Leviunguis</i> sp. in Wunderlich (2020b)	K	Tilin amber
Theridiidae Sundevall, 1833		Cretaceous – Recent
= PHYCOIDAE Thorell, 1873		
= EPISINIDAE O. P.-Cambridge, 1879a		
= HADROTARSIDAE Thorell, 1881		
?Theridiidae gen. et sp. indet in McAlpine & Martin (1969)	K	Canadian amber
Theridiidae gen. et sp. in Nishikawa (1974)	Qt	Mizunami copal
?Theridiidae gen. et sp. indet in Wunderlich (2020b)	K	Tilin amber
Achaeearanea Strand, 1929		Neogene – Recent
401. <i>Achaeearanea extincta</i> Wunderlich, 1988	Ne	Dominican amber
<i>Achaeearanea</i> sp. in Wunderlich (1988)	Ne	Dominican amber
Argyrodes Simon, 1864		Neogene – Recent
402. <i>Argyrodes (Ariamnes) copalis</i> Wunderlich, 2008b	Qt	Colombian copal
403. <i>Argyrodes (Ariamnes) resina</i> Wunderlich, 2011f	Qt	Madagascar copal
404. <i>Argyrodes (Rhomphaea) gibbifera</i> Wunderlich, 2004as	Qt	Madagascar copal
405. <i>Argyrodes parvipatellaris</i> Wunderlich, 1988	Ne	Dominican amber
<i>Argyrodes</i> sp. in Wunderlich (1988)	Ne	Dominican amber
† Balticoridion Wunderlich, 2008b		Palaeogene
406. <i>Balticoridion dubium</i> Wunderlich, 2008b*	Pa	Baltic / Bitt. amber
† Balticpholcomma Wunderlich, 2008b		Palaeogene
407. <i>Balticpholcomma scutatatum</i> Wunderlich, 2008b*	Pa	Baltic amber
† Burmatheridon Wunderlich in Wunderlich & Müller, 2018		Palaeogene
408. <i>Burmatheridon sinespinae</i> Wunderlich in Wunderlich & Müller, 2018*	K	Burmese amber
† Caudasinus Wunderlich, 2008b		Palaeogene
409. <i>Caudasinus bispinosus</i> Wunderlich, 2008b	Pa	Baltic amber
410. <i>Caudasinus caudatus</i> Wunderlich, 2008b*	Pa	Baltic amber
411. <i>Caudasinus regeneratus</i> Wunderlich, 2008b	Pa	Baltic amber
<i>Caudasinus</i> sp. in Wunderlich (2008b)	Pa	Baltic amber
Chrosiothes Simon, 1894		Neogene – Recent
412. <i>Chrosiothes biconigerus</i> Wunderlich, 1988	Ne	Dominican amber
413. <i>Chrosiothes chiapas</i> Wunderlich in Wunderlich & Müller, 2022b	Ne	Chiapas amber
414. <i>Chrosiothes curvispinosus</i> Wunderlich, 1988	Ne	Dominican amber
415. <i>Chrosiothes emulgatus</i> Wunderlich, 1988	Ne	Dominican amber
416. <i>Chrosiothes longispinosus</i> Wunderlich, 1988	Ne	Dominican amber
417. <i>Chrosiothes monoceros</i> Wunderlich, 1988	Ne	Dominican amber
418. <i>Chrosiothes tumulus</i> Wunderlich, 1988	Ne	Dominican amber
419. <i>Chrosiothes unicornis</i> Wunderlich, 1988	Ne	Dominican amber

Chryso O. P.-Cambridge, 1882a	Neogene – Recent
420. <i>Chryso conspicua</i> Wunderlich, 1988	Ne Dominican amber
421. <i>Chryso dubia</i> Wunderlich, 1988	Ne Dominican amber
† Clavibertus Wunderlich, 2008b	Palaeogene
422. <i>Clavibertus parvus</i> Wunderlich, 2008b	Pa Baltic amber
423. <i>Clavibertus prominens</i> Wunderlich, 2008b*	Pa Baltic amber
† Clya C. L. Koch & Berendt, 1854	Palaeogene
424. <i>Clya abdita</i> Wunderlich, 2008b	Pa Baltic amber
425. <i>Clya lugubris</i> C. L. Koch & Berendt, 1854*	Pa Baltic / Rovno amber
426. <i>Clya calefacta</i> Wunderlich, 2008b	Pa Baltic amber
427. <i>Clya gracilis</i> (Petrunkevitch, 1958)	Pa Baltic amber
428. <i>Clya granulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
429. <i>Clya obscura</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
430. <i>Clya rotata</i> Wunderlich, 2008b	Pa Baltic amber
431. <i>Clya supercalefacta</i> Wunderlich, 2008b	Pa Baltic amber
432. <i>Clya superspiralis</i> Wunderlich, 2008b	Pa Baltic amber
433. <i>Clya tricurvata</i> Wunderlich, 2008b	Pa Baltic amber
† Cornutheridion Wunderlich in Wunderlich & Müller, 2021	Cretaceous
434. <i>Cornutheridion concavum</i> Wunderlich in Wunderlich & Müller, 2021* ..	K Burmese amber
† Cornutidion Wunderlich, 1988	Neogene
435. <i>Cornutidion elongatum</i> Wunderlich, 1988*	Ne Dominican amber
Craspedisia Simon, 1894	Neogene – Recent
436. <i>Craspedisia yapchoonteki</i> Penney & Marusik in Penney <i>et al.</i> (2012b)	Ne Dominican amber
† Cretotheridion Wunderlich, 2015b	Cretaceous
437. <i>Cretotheridion inopinatum</i> Wunderlich, 2015b*	K Burmese amber
† Cymbiopholcomma Wunderlich, 2008b	Palaeogene
438. <i>Cymbiopholcomma dudum</i> Wunderlich, 2008b*	Pa Baltic amber
439. <i>Cymbiopholcomma spiculum</i> Wunderlich, 2008b	Pa Baltic amber
† Dipoenata Wunderlich, 1988	Neogene
440. <i>Dipoenata altiocolata</i> Wunderlich, 1988	Ne Dominican amber
441. <i>Dipoenata cala</i> Wunderlich, 1988	Ne Dominican amber
442. <i>Dipoenata clypeata</i> Wunderlich, 1988	Ne Dominican amber
443. <i>Dipoenata globulus</i> Wunderlich, 1988	Ne Dominican amber
444. <i>Dipoenata praedominicana</i> (Wunderlich, 1986)	Qt Dominican copal
445. <i>Dipoenata stipes</i> Wunderlich, 1988*	Ne Dominican amber
<i>Dipoenata</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Eosagena Wunderlich, 2008b	Palaeogene
446. <i>Eosagena scutata</i> Wunderlich, 2008b*	Pa Baltic amber
† Eolyrifer Wunderlich, 2008b	Palaeogene
447. <i>Eolyrifer longitibialis</i> Wunderlich, 2008b*	Pa Baltic amber
† Eomysmena Petrunkevitch, 1942	Palaeogene – Neogene

- = † *Antopia* Menge in C. L. Koch & Berendt, 1854 [tentative synonymy]
 = † *Astodipoena* Petrunkevitch, 1958
 = † *Eodipoena* Petrunkevitch, 1942
448. *Eomysmena asta* Petrunkevitch, 1971 Ne Chiapas amber
 449. *Eomysmena aviceps* Wunderlich, 2008b Pa Baltic amber
 450. *Eomysmena calefacta* Wunderlich, 2008b Pa Baltic amber
 451. *Eomysmena crassa* (Petrunkevitch, 1958) Pa Baltic amber
 452. *Eomysmena baltica* Petrunkevitch, 1946 Pa Baltic amber
 453. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) Pa Baltic amber
 454. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) Pa Baltic amber
 455. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 456. *Eomysmena moritura* Petrunkevitch, 1942* Pa Baltic amber
 i. = *Eomysmena consulta* (Petrunkevitch, 1958)
 [tentative synonymy] Pa Baltic amber
 457. *Eomysmena oculata* (Petrunkevitch, 1942) Pa Baltic amber
 458. *Eomysmena recta* Wunderlich, 2008b Pa Baltic amber
 Eomysmena spp. in Wunderlich 2008b Pa Baltic / Bitt. Amber
- † **Eoteutana Wunderlich, 2008b** **Palaeogene**
 459. *Eoteutana hirsuta* 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
460. *Episinus anapidaeque* Wunderlich, 2008b Pa Baltic amber
 461. *Episinus antecognatus* Wunderlich, 1986 Qt Dominican copal
 462. *Episinus appendix* Wunderlich, 2008b Pa Baltic amber
 463. *Episinus arrodens* Wunderlich, 2008b Pa Baltic amber
 464. *Episinus balticus* Marusik & Penney, 2004 Pa Baltic / Bitt. Amber
 465. *Episinus brevipalpus* Wunderlich, 1988 Ne Dominican amber
 466. *Episinus bulla* Wunderlich, 2008b Pa Baltic ambe
 467. *Episinus chiapasanus* (Petrunkevitch, 1971) Ne Chiapas amber
 468. *Episinus clunis* Wunderlich, 2008b Pa Baltic amber
 469. *Episinus cochlear* Wunderlich, 2008b Pa Baltic amber
 470. *Episinus cornutus* Wunderlich, 1988 Ne Dominican amber
 471. *Episinus cymbialis* Wunderlich, 2008b Pa Baltic amber
 472. *Episinus dimidius* Wunderlich, 2008b Pa Baltic amber
 473. *Episinus eskovi* Marusik & Penney, 2004 Pa Baltic amber
 474. *Episinus isopteraque* Wunderlich, 2008b Pa Baltic amber
 475. *Episinus latus* Wunderlich, 2008b Pa Baltic amber
 476. *Episinus longimanus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 i. = *Malleator niger* Petrunkevitch, 1942 Pa Baltic amber

477. <i>Episinus longisoma</i> Wunderlich, 2008b	Pa Baltic amber
478. <i>Episinus minutus</i> (Petrunkevitch, 1958)	Pa Baltic amber
479. <i>Episinus mordellidaeque</i> Wunderlich, 2008b	Pa Baltic amber
480. <i>Episinus musculus</i> Wunderlich, 2008b	Pa Baltic amber
481. <i>Episinus mutilus</i> (Petrunkevitch, 1958)	Pa Baltic amber
482. <i>Episinus nausticymbium</i> Wunderlich, 2008b	Pa Baltic amber
483. <i>Episinus neglectus</i> (Petrunkevitch, 1942)	Pa Baltic amber
484. <i>Episinus penneyi</i> Garcia-Villafuerte, 2006a	Ne Chiapas amber
485. <i>Episinus praecognatus</i> Wunderlich, 1982	Ne Dominican amber
486. <i>Episinus regalis</i> (Petrunkevitch, 1958)	Pa Baltic amber
487. <i>Episinus stridulus</i> (Petrunkevitch, 1958)	Pa Baltic amber
488. <i>Episinus tibiaseta</i> Wunderlich, 2011g	Ne Dominican amber
489. <i>Episinus transversus</i> Wunderlich, 2008b	Pa Baltic amber
490. <i>Episinus tuberosus</i> Wunderlich, 1988	Ne Dominican amber
<i>Episinus</i> spp. in Wunderlich (2008b)	Pa Baltic amber
Euryopsis Menge, 1868	Palaeogene – Recent
491. ? <i>Euryopsis araneoides</i> Wunderlich, 2008b	Pa Baltic amber
492. <i>Euryopsis bitterfeldensis</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
493. <i>Euryopsis nexus</i> Wunderlich, 2008b	Pa Baltic amber
494. <i>Euryopsis streyi</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
<i>Euryopsis/Emertonella</i> complex in Penney et al. (2012c)	Qt Colombian copal
Faiditus Keyserling, 1884	Neogene – Recent
495. <i>Faiditus crassipatellaris</i> (Wunderlich, 1988)	Ne Dominican amber
† Femurraptor Wunderlich, 2011g	Neogene
496. <i>Femurraptor dominicanus</i> Wunderlich, 2011g*	Ne Dominican amber
† Globulidion Wunderlich, 2008b	Palaeogene
497. <i>Globulidion cochlea</i> Wunderlich, 2008b*	Pa Baltic amber
† Hirsutipalpus Wunderlich, 2008b	Palaeogene
498. <i>Hirsutipalpus varipes</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
† Kochiuridion Wunderlich, 2008b	Palaeogene
499. <i>Kochiuridion scutatatum</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
Lasaeola Simon, 1881	Palaeogene – Recent
= † <i>Nactodipoena</i> Petrunkevitch, 1942 [a subgenus in Wunderlich (2008b)]	
500. <i>Lasaeola acumen</i> Wunderlich, 2008b	Pa Baltic amber
501. <i>Lasaeola baltica</i> (Marusik & Penney, 2004)	Pa Baltic amber
502. <i>Lasaeola bitterfeldensis</i> Wunderlich, 2008b	Pa Bitterfeld amber
503. <i>Lasaeola communis</i> Wunderlich, 2008b	Pa Baltic amber
504. <i>Lasaeola (Nactodipoena) dunbari</i> (Petrunkevitch, 1942)	Pa Baltic amber
505. ? <i>Lasaeola furca</i> Wunderlich, 2008b	Pa Baltic amber
506. <i>Lasaeola germanica</i> (Petrunkevitch, 1958)	Pa Baltic amber
507. <i>Lasaeola (Phycosoma) inclinata</i> Wunderlich, 2012a	Qt Madagascan copal

508. <i>Lasaeola infulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitt. Amber
509. <i>Lasaeola larvaque</i> Wunderlich, 2008b	Pa Baltic amber
510. <i>Lasaeola latisulci</i> Wunderlich, 2008b	Pa Baltic amber
511. <i>Lasaeola pristina</i> (Wunderlich, 1986)	Ne Dominican amber
512. <i>Lasaeola puta</i> Wunderlich, 1988	Ne Dominican amber
513. <i>Lasaeola sexsaetosa</i> Wunderlich, 2008b	Pa Baltic amber
514. ? <i>Lasaeola sigillata</i> Wunderlich, 2008b	Pa Bitterfeld amber
515. <i>Lasaeola vicina</i> (Wunderlich, 1982)	Ne Dominican amber
516. <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
† Microtheridion Wunderlich in Wunderlich & Müller, 2021	Cretaceous
517. <i>Microtheridion longissispinae</i> Wunderlich in Wunder. & Müller, 2021*	K Burmese amber
† Mimetidion Wunderlich, 2008b	Palaeogene
518. <i>Mimetidion furca</i> Wunderlich, 2008b*	Pa Baltic amber
† Nanomysmena Petrunkevitch, 1958	Palaeogene
519. <i>Nanomysmena munita</i> Petrunkevitch, 1958	Pa Baltic amber
520. <i>Nanomysmena palanga</i> Marusik & Penney, 2004	Pa Baltic amber
521. <i>Nanomysmena petrunkevitchi</i> Marusik & Penney, 2004	Pa Baltic amber
522. <i>Nanomysmena pseudogracilis</i> Marusik & Penney, 2004	Pa Baltic amber
† Nanosteatoda Wunderlich, 2008b	Palaeogene
523. <i>Nanosteatoda breviscutum</i> Wunderlich, 2008b	Pa Baltic amber
524. <i>Nanosteatoda trisetae</i> Wunderlich, 2008b	Pa Baltic amber
† Obscuropholcomma Wunderlich, 2008b	Palaeogene
525. <i>Obscuropholcomma tegens</i> Wunderlich, 2008b*	Pa Baltic amber
<i>Obscuropholcomma</i> sp. in Wunderlich (2012b)	Pa Rovno amber
Phoroncidia Westwood, 1835	Quaternary – Recent
526. <i>Phoroncidia ?aculeata</i> Westwood, 1835 [Recent]	Qt Madagascan copal
Platnickina Koçak & Kemal, 2008	Quaternary – Recent
527. <i>Platnickina duosetae</i> Wunderlich, 2012a	Qt Madagascan copal
† Praetereuryopsis Wunderlich, 2008b	Palaeogene
528. <i>Praetereuryopsis phoroncidoides</i> Wunderlich, 2008b*	Pa Baltic amber
† Pronepos Petrunkevitch, 1963	Neogene
Wunderlich & Müller (2022b) suggested that it could be a synonym of <i>Chrosiotes</i>	
529. <i>Pronepos exilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
530. <i>Pronepos fossilis</i> Petrunkevitch, 1963	Ne Chiapas amber
† Protosteatoda Wunderlich, 2008b	Palaeogene
531. <i>Protosteatoda gutta</i> Wunderlich, 2008b	Pa Baltic amber
† Pseudoteutana Wunderlich, 2008b	Palaeogene
532. <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
533. <i>Rugapholcomma patellaris</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinisinus Wunderlich, 2008b	Palaeogene
534. <i>Spinisinus parvioculi</i> Wunderlich, 2008b	Pa Baltic amber
535. <i>Spinisinus splendidus</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinitharinus Wunderlich, 2008b	Palaeogene
536. <i>Spinitharinus bulbosus</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
537. <i>Spinitharinus cheliceratus</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
538. <i>Spinitharinus coniectens</i> Wunderlich, 2008b	Pa Baltic amber
539. <i>Spinitharinus curvatus</i> Wunderlich, 2008b	Pa Baltic amber
540. <i>Spinitharinus cymbioseta</i> Wunderlich, 2008b	Pa Baltic amber
<i>Spinitharinus</i> spp. in Wunderlich (2008b)	Pa Baltic amber
Spintharus Hentz, 1850	Neogene – Recent
541. <i>Spintharus longisoma</i> Wunderlich, 1988	Ne Dominican amber
Steatoda Sundevall, 1833	?Palaeogene – Recent
542. ' <i>Steatoda</i> ' <i>anticus</i> (Berland, 1939)	Pa Baltic amber
Stemmops O. P.-Cambridge, 1894	Neogene – Recent
543. <i>Stemmops incertus</i> Wunderlich, 1988	Ne Dominican amber
544. <i>Stemmops prominens</i> Wunderlich, 1988	Ne Dominican amber
Styposis Simon, 1894	Neogene – Recent
545. <i>Styposis pholcoides</i> Wunderlich, 1988	Ne Dominican amber
† Succinobertus Wunderlich, 2008b	Palaeogene
546. <i>Succinobertus adjacens</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
† Succinura Wunderlich, 2008b	Palaeogene
547. <i>Succinura aciesaeta</i> Wunderlich, 2008b	Pa Baltic amber
548. <i>Succinura bellavista</i> Wunderlich, 2008b*	Pa Baltic amber
549. <i>Succinura circuita</i> Wunderlich, 2008b	Pa Baltic amber
550. <i>Succinura dubia</i> Wunderlich, 2008b	Pa Baltic amber
551. <i>Succinura fuscoruber</i> Wunderlich, 2008b	Pa Baltic amber
552. <i>Succinura ovalis</i> Wunderlich, 2008b	Pa Baltic amber
<i>Succinura</i> sp. in Wunderlich (2008b)	Pa Baltic amber
Theridion Walckenaer, 1805	?Cretaceous – Recent
553. <i>Theridion annulipes</i> Heer, 1865	Ne Öhningen
554. <i>Theridion atalus</i> Chang, 2004 [both generic and familial assignment unreliable!]	K Jehol Biota
555. <i>Theridion bucklandi</i> Thorell, 1870a	Pa Aix-en-Provence
556. <i>Theridion contrarium</i> Wunderlich, 1988	Ne Dominican amber
557. <i>Theridion crassipalpus</i> Berland, 1939	Pa Aix-en-Provence
558. <i>Theridion erectoides</i> Wunderlich, 1988	Ne Dominican amber
559. <i>Theridion erectum</i> Wunderlich, 1988	Ne Dominican amber

560. <i>Theridion globulus</i> Heer, 1865	Ne	Öhningen
561. <i>Theridion inversum</i> Wunderlich, 1988	Ne	Dominican amber
562. <i>Theridion maculipes</i> Heer, 1865	Ne	Öhningen
563. <i>Theridion variosoma</i> Wunderlich, 1988	Ne	Dominican amber
564. <i>Theridion wunderlichi</i> Penney, 2001	Ne	Dominican amber
i. = <i>Theridion ovale</i> Wunderlich, 1988 [preoccupied]		
† Thyelia C. L. Koch & Berendt, 1854	Palaeogene	
565. <i>Thyelia anomala</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
566. <i>Thyelia convexa</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
567. <i>Thyelia fossula</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
568. <i>Thyelia marginata</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
569. <i>Thyelia pallida</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
570. <i>Thyelia scotina</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
571. <i>Thyelia tristis</i> C. L. Koch & Berendt, 1854*	Pa	Baltic amber
572. <i>Thyelia villosa</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
Ulesanis L. Koch, 1872	Palaeogene – Recent	
573. <i>Ulesanis antecessor</i> Wunderlich, 2008b	Pa	Baltic Amber
574. <i>Ulesanis frontprocera</i> Wunderlich, 2008b	Pa	Baltic Amber
575. <i>Ulesanis longicymbium</i> Wunderlich, 2008b	Pa	Baltic Amber
576. <i>Ulesanis ovalis</i> Wunderlich, 2008b	Pa	Baltic / Bitt. Amber
577. <i>Ulesanis parva</i> Wunderlich, 2008b	Pa	Baltic / Bitt. amber
† Unispinatoda Wunderlich, 2008b	Palaeogene	
578. <i>Unispinatoda aculeata</i> Wunderlich, 2008b*	Pa	Baltic / Bitt. Amber
† Vicipholcomma Wunderlich, 2008b	Palaeogene	
579. <i>Vicipholcomma spiralis</i> Wunderlich, 2008b*	Pa	Baltic Amber
Theridiidae incertae sedis		
580. ' <i>Anelosimus</i> ' <i>clypeatus</i> Wunderlich, 1988	Ne	Dominican amber
THERIDIOSOMATIDAE Simon, 1881		
		Cretaceous – Recent
Theridiosomatidae gen. et sp. indet <i>in</i> Wunderlich (2004)	Pa	Baltic amber
Theridiosomatidae gen. et sp. indet <i>in</i> Wunderlich (2011f)	Qt	Madagascar copal
Baalzebub Coddington, 1986		
		?Cretaceous – Recent
581. ? <i>Baalzebub mesozoicum</i> Penney, 2014	K	Vendée amber
generic affinities questioned by Wunderlich & Müller (2018), suggested as a member of Zarqaraneidae by Wunderlich (2020b)		
† Eocoddingtonia Selden, 2010	Cretaceous	
582. <i>Eocoddingtonia eskovi</i> Selden, 2010*	K	Baissa, Transbaikalia
† Eoepeirotypus Wunderlich, 2004j	Palaeogene	
583. <i>Eoepeirotypus retrobulbus</i> Wunderlich, 2004j*	Pa	Baltic amber
<i>Eoepeirotypus</i> sp. <i>in</i> Wunderlich (2004)	Pa	Bitterfeld amber
† Eotheridiosoma Wunderlich, 2004j	Palaeogene	
584. ? <i>Eotheridiosoma hamatum</i> Wunderlich, 2011e	Pa	Baltic amber

585. <i>Eotheridiosoma tuber</i> Wunderlich, 2004j*	Pa Bitterfeld amber
586. <i>Eotheridiosoma volutum</i> Wunderlich, 2004j	Pa Bitterfeld amber
† Palaeopeirotypus Wunderlich, 1988	Neogene
587. <i>Palaeopeirotypus iuvenis</i> Wunderlich, 1988*	Ne Dominican amber
588. <i>Palaeopeirotypus iuvenoides</i> Wunderlich, 1988	Ne Dominican amber
† Spinitheridiosoma Wunderlich, 2004j	Palaeogene
type species designated from the wrong genus!	
589. <i>Spinitheridiosoma balticum</i> Wunderlich, 2004j	Pa Baltic amber
590. <i>Spinitheridiosoma bispinosum</i> Wunderlich, 2004j	Pa Bitterfeld amber
591. <i>Spinitheridiosoma rima</i> Wunderlich, 2004j	Pa Baltic amber
Theridiosoma O. P.-Cambridge, 1879b	Neogene – Recent
592. <i>Theridiosoma incompletum</i> Wunderlich, 1988	Ne Dominican amber
† Umerosoma Wunderlich, 2004j	Palaeogene
593. <i>Umerosoma multispina</i> Wunderlich, 2004j*	Pa Baltic amber
† CRETAMYSMENIDAE Wunderlich in Wunderlich & Müller, 2018	Cretaceous
† Cretamysmena Wunderlich, 2018	Cretaceous
594. <i>Cretamysmena fontana</i> Wunderlich, 2018*	K Burmese amber
MYSMENIDAE Petrunkevitch, 1928	Palaeogene – Recent
Mysmeninae sp. <i>in</i> Wunderlich (2004a)	Pa Rovno amber
† Dominicanopsis Wunderlich, 2004k	Neogene
595. <i>Dominicanopsis grimaldii</i> Wunderlich, 2004k*	Ne Dominican amber
† Eomysmenopsis Wunderlich, 2004k	Palaeogene
596. <i>Eomysmenopsis spinipes</i> Wunderlich, 2004k*	Pa Baltic / Bitt. Amber
Mysmena Simon, 1894	Palaeogene – Recent
<i>Mysmena</i> (s. l.) sp. indet <i>in</i> Wunderlich (2012a)	Qt Madagascan copal
597. <i>Mysmena</i> (s.l.) <i>copalis</i> Wunderlich, 2011f	Qt Madagascan copal
598. <i>Mysmena curvata</i> Wunderlich, 2011h	Pa Baltic amber
599. <i>Mysmena dominicana</i> Wunderlich, 1998	Qt Madagascan copal
600. <i>Mysmena fossilis</i> Petrunkevitch, 1971	Ne Chiapas amber
601. <i>Mysmena groehni</i> Wunderlich, 2004k	Pa Baltic / Bitt. amber
602. <i>Mysmena grotae</i> Wunderlich, 2004k	Pa Baltic amber
Mysmenopsis Simon, 1897b	Neogene – Recent
603. <i>Mysmenopsis lissycoleyae</i> Penney, 2000	Ne Dominican amber
† Palaeomysmena Wunderlich, 2004k	Palaeogene
604. <i>Palaeomysmena hoffeinsorum</i> Wunderlich, 2004k*	Pa Baltic amber
† BALTSUCCINIDAE Wunderlich, 2004l	Palaeogene
† Baltsuccinus Wunderlich, 2004l	Palaeogene
605. <i>Baltsuccinus flagellaceus</i> Wunderlich, 2004l*	Pa Baltic amber
606. <i>Baltsuccinus similis</i> Wunderlich, 2004l	Pa Baltic amber

SYMPHYTOGNATHIDAE Hickman, 1931	Recent
no fossil record	
ANAPIDAE Simon, 1895	Palaeogene – Recent
= MICROPHOLCOMMATIDAE Hickman, 1944	
= TEXTRICELLIDAE Hickman, 1945	
= HOLARCHAEIDAE Forster & Platnick, 1984	
= COMAROMIDAE Wunderlich, 2004	
Wunderlich (2011) recognised a family Comaromidae for <i>Balticoroma</i> .	
† <i>Balticoroma</i> Wunderlich, 2004k	Palaeogene
= † <i>Balticorma</i> [sic] Weitschat & Wichard, 2002 [<i>nomen nudum</i>]	
607. <i>Balticoroma damzeni</i> Wunderlich, 2011h	Pa Baltic amber
608. <i>Balticoroma ernstorum</i> Wunderlich, 2004k	Pa Baltic/Bitt. amber
609. <i>Balticoroma gracilipes</i> Wunderlich 2004k	Pa Baltic/Bitt. amber
610. <i>Balticoroma reschi</i> Wunderlich, 2004k*	Pa Baltic amber
611. <i>Balticoroma serafinorum</i> Wunderlich, 2004k	Pa Baltic/Bitt. amber
612. <i>Balticoroma tibialis</i> Wunderlich, 2004k	Pa Baltic amber
† <i>Balticonopsis</i> Wunderlich, 2004k	Palaeogene
613. <i>Balticonopsis bispina</i> Wunderlich, 2004k	Pa Baltic amber
614. <i>Balticonopsis bitterfeldensis</i> Wunderlich, 2004k	Pa Bitterfeld amber
615. <i>Balticonopsis bulbosa</i> Wunderlich, 2004k	Pa Baltic amber
616. <i>Balticonopsis ceranowiczae</i> Wunderlich, 2004k	Pa Baltic amber
617. <i>Balticonopsis distalis</i> Wunderlich, 2017a	Pa Baltic amber
618. <i>Balticonopsis dunlopi</i> Wunderlich, 2017a	Pa Baltic amber
619. <i>Balticonopsis holti</i> Wunderlich, 2004k*	Pa Baltic amber
620. <i>Balticonopsis ludwigi</i> Wunderlich, 2017a	Pa Bitterfeld amber
621. <i>Balticonopsis metatarsalis</i> Wunderlich, 2017a	Pa Baltic amber
622. <i>Balticonopsis perkovskyi</i> Wunderlich, 2004ar	Pa Rovno amber
probably belongs to a different genus (cf. Wunderlich 2017a)	
623. <i>Balticonopsis thomasi</i> Wunderlich, 2004k	Pa Baltic amber
<i>Balticonopsis</i> sp. in Wunderlich (2004k)	Pa Baltic amber
† <i>Cenotextricella</i> Penney in Penney et al., 2007	Palaeogene
624. <i>Cenotextricella simoni</i> Penney in Penney et al., 2007	Pa Le Quesnoy amber
† <i>Deanoorapsis</i> Penney, 2020	Palaeogene
625. <i>Balticoroma wheateri</i> (Penney & Marusik in Penney et al., 2011)	Pa Baltic amber
† <i>Dubianapis</i> Wunderlich, 2004k	Palaeogene
626. <i>Dubianapis obscura</i> Wunderlich, 2004k*	Pa Baltic amber
† <i>Flagellanapis</i> Wunderlich, 2004k	Palaeogene
627. <i>Flagellanapis voigti</i> Wunderlich, 2004k*	Pa Baltic/Bitt. Amber
† <i>Fossilanapis</i> Wunderlich, 2004k	Palaeogene
628. <i>Fossilanapis anderseri</i> Wunderlich, 2004k	Pa Baltic amber

629. <i>Fossilanapis baetcheri</i> Wunderlich, 2004k*	Pa Baltic amber
630. <i>Fossilanapis eichmanni</i> Wunderlich, 2004k	Pa Baltic amber
631. <i>Fossilanapis flexiotarsus</i> Wunderlich, 2004k	Pa Baltic amber
632. <i>Fossilanapis multispinae</i> Wunderlich, 2011h	Pa Baltic amber
633. <i>Fossilanapis saltans</i> Wunderlich, 2004k	Pa Baltic amber
634. <i>Fossilanapis unispinum</i> Wunderlich, 2004k	Pa Baltic amber
<i>Fossilanapis</i> sp. in Wunderlich (2004k)	Pa Bitterfeld amber
<i>Fossilanapis</i> sp. in Wunderlich (2011h)	Pa Baltic amber
† Palaeoanapis Wunderlich, 1988	Neogene
635. <i>Palaeoanapis nana</i> Wunderlich, 1988*	Ne Dominican amber
† Ruganapis Wunderlich, 2004k	Palaeogene
636. <i>Ruganapis scutata</i> Wunderlich, 2004k*	Pa Baltic amber
† Saxonanapis Wunderlich, 2004k	Palaeogene
637. <i>Saxonanapis grabenhorsti</i> Wunderlich, 2004k*	Pa Baltic/Bitt. Amber
† Tuberanapis Wunderlich, 2004k	Palaeogene
638. <i>Tuberanapis parvibulbus</i> Wunderlich, 2004k*	Pa Baltic amber
† JURARANEIDAE Eskov, 1984	Jurassic
† Juraraneus Eskov, 1984	Jurassic
639. <i>Juraraneus rasnitsyni</i> Eskov, 1984	J Transbaikalia
Wunderlich (2015b) suggested this could be a haplogyne spider	
† ZARQARANEIDAE Wunderlich, 2008d	Cretaceous
elevated from tribe status, cf. Wunderlich (2008d)	
Zarqaraneidae indet. 1–2 in Wunderlich & Müller (2018)	K Burmese amber
† Alteraraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
640. <i>Alteraraneus gracilipes</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Burmaforceps Wunderlich in Wunderlich & Müller, 2018	Cretaceous
641. <i>Burmaforceps amputatus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Burmaspiralis Wunderlich in Wunderlich & Müller, 2021	Cretaceous
642. <i>Burmaspiralis trispinae</i> Wunderlich in Wunderlich & Müller, 2021*	K Burmese amber
† Converszarqaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
643. <i>Converszarqaraneus annulipedes</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Cornicaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
644. <i>Cornicaraneus scutatus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Crassitibia Wunderlich, 2015b	Cretaceous
645. <i>Crassitibia baculum</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
646. <i>Crassitibia longispina</i> Wunderlich, 2015b*	K Burmese amber
647. <i>Crassitibia sicilicula</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
648. <i>Crassitibia tenuimana</i> Wunderlich, 2015b	K Burmese amber

† <i>Curvitibia</i> Wunderlich, 2015b	Cretaceous
649. <i>Curvitibia curima</i> Wunderlich, 2015b*	K Burmese amber
† <i>Groehnianus</i> Wunderlich, 2015b	Cretaceous
650. <i>Groehnianus burmensis</i> Wunderlich, 2015b*	K Burmese amber
† <i>Hypotheridiosoma</i> Wunderlich, 2012d	Cretaceous
651. <i>Hypotheridiosoma falcata</i> Wunderlich, 2015b	K Burmese amber
652. <i>Hypotheridiosoma paracymbium</i> Wunderlich, 2012d*	K Burmese amber
† <i>Microproxiaraneus</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
653. <i>Microproxiaraneus annulatus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† <i>Palazarqaraneus</i> Wunderlich, 2020b	Cretaceous
654. <i>Palazarqaraneus hamulus</i> Wunderlich, 2020b*	K Burmese amber
† <i>Palptibiaap</i> Wunderlich in Wunderlich & Müller, 2022a	Cretaceous
655. <i>Palptibiaap cochlear</i> Wunderlich in Wunderlich & Müller, 2022a*	K Burmese amber
† <i>Parvispina</i> Wunderlich, 2015b	Cretaceous
656. <i>Parvispina tibialis</i> (Wunderlich, 2011i)*	K Burmese amber
† <i>Paurospina</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
657. <i>Paurospina curvata</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
658. <i>Paurospina fastigata</i> Wunderlich, 2020b	K Burmese amber
659. <i>Paurospina fortis</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
660. <i>Paurospina paulocurvata</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
† <i>Proxiaraneus</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
661. <i>Proxiaraneus rarus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† <i>Ramozarqaraneus</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
662. <i>Ramozarqaraneus pauxillus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† <i>Spinicymbium</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
663. <i>Spinicymbium curvimetatarsus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
664. <i>Spinicymbium curviparacymbium</i> Wunderlich in Wunderlich & Müller, 2022a	K Burmese amber
665. <i>Spinicymbium unispina</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
† <i>Zarqaraneus</i> Wunderlich, 2008d	Cretaceous
666. <i>Zarqaraneus hudaе</i> Wunderlich, 2008d*	K Jordanian amber

ARANEIDAE Simon, 1895

Cretaceous – Recent

= EPEIRIDAE Sundevall, 1833 [based on a generic synonym]

= EUETRIIDAE Thorell, 1887 [based on a generic synonym]

= ARGIOPIDAE Simon, 1890

= NEPHILIDAE Simon, 1894 [NB: some authors maintain this as a valid family]

= ZYGIELLIDAE Simon, 1929

Wunderlich & Müller (2021) questioned Cretaceous records of this family.

?Araneinae sp. in Wunderlich (2004h)

Pa Baltic amber

Araneidae gen. et sp. indet. in Ribera (2003)

Qt Girona, Spain

- ?Mangorini indet. *in* Wunderlich (2011a) Pa Baltic amber
 Nephilidae indet. *in* Wunderlich (2012c) Pa Baltic amber
 Araneidae *incertae sedis in* Selden (2014b) Pa Isle of Wight
- † **Anepeira Wunderlich, 2004i** **Palaeogene**
 667. *Anepeira complicata* Wunderlich, 2004* Pa Baltic amber
- † **Araneometa Wunderlich, 1988** **Neogene**
 668. *Araneometa excelsa* Wunderlich, 1988 Ne Dominican amber
 669. *Araneometa herrlingi* Wunderlich, 1988* Ne Dominican amber
 670. *Araneometa procera* Wunderlich *in* Wunderlich & Müller, 2022b Ne Chiapas amber
 671. *Araneometa spirembolus* Wunderlich, 1988 Ne Dominican amber
Araneometa sp. *in* Wunderlich (1988) Ne Dominican amber
- Araneus Clerck, 1757** **?Cretaceous – Recent**
 672. *Araneus absconditus* (Scudder, 1890a) Pa Florissant
 673. *Araneus aethus* Chang, 2004 [generic assignment unreliable!] K Jehol biota
 674. *Araneus beipiaoensis* Chang, 2004 [generic assignment unreliable!] K Jehol biota
 675. *Araneus carbonaceous* Zhang, Sun & Zhang, 1994 Ne Shanwang
 676. *Araneus cinefactus* (Scudder, 1890a) Pa Florissant
 677. *Araneus defunctus* Petrunkevitch, 1958 Pa Baltic amber
 678. *Araneus delitus* (Scudder, 1890a) Pa Florissant
 679. *Araneus emertoni* (Scudder, 1890a) Pa Florissant
 680. *Araneus exustus* Petrunkevitch, 1963 Ne Chiapas amber
 681. *Araneus kinchloeae* Dunlop & Jekel, 2009 Pa Florissant
 i. = *Araneus indistinctus* (Petrunkevitch, 1922) [preoccupied]
 682. *Araneus inelegans* Zhang, Sun & Zhang, 1994 Ne Shanwang
 683. *Araneus leptopodus* Zhang, Sun & Zhang, 1994 Ne Shanwang
 684. *Araneus liaoxiensis* Chang, 2004 [generic assignment unreliable!] K Jehol biota
 685. *Araneus longimanus* (Petrunkevitch, 1922) Pa Florissant
 686. *Araneus (Calinurus) longipes* Dalman, 1826 Qt Copal
 687. *Araneus luianus* Zhang, Sun & Zhang, 1994 Ne Shanwang
 688. *Araneus meeki* (Scudder, 1890a) Pa Florissant
 689. *Araneus molassicus* (Heer, 1865) Ne Öhningen
 690. *Araneus nanus* Wunderlich, 1988 Ne Dominican amber
 691. *Araneus piceus* Lin, Zhang & Wang, 1989 Ne Shanwang
 692. *Araneus reheensis* Chang, 2004 [generic assignment unreliable!] K Jehol biota
 693. *Araneus ruidipedalis* Zhang, Sun & Zhang, 1994 Ne Shanwang
 694. *Araneus troschelii* (Bertkau, 1878b) Ne Rott, Germany
 695. *Araneus vulcanalis* (Scudder, 1890a) Pa Florissant
 ? *Araneus* sp. *in* Wunderlich (2012c) Pa Baltic amber
- Argiope Audouin, 1826** **Neogene – Recent**
 = † *Magnaranea* Hong, 1985
 696. *Argiope furva* (Hong, 1985) Ne Shanwang

† Bararaneus Wunderlich, 2004i	Palaeogene
697. ? <i>Bararaneus annulatus</i> Wunderlich, 2004i	Pa Baltic amber
698. <i>Bararaneus evolvens</i> Wunderlich, 2004 [*]	Pa Baltic amber
† Chrysometata Wunderlich, 2004h	Palaeogene
699. <i>Chrysometata palaeartica</i> Wunderlich, 2004 ^{h*}	Pa Baltic amber
† Cretaraneus Selden, 1990	Cretaceous
700. <i>Cretaraneus liaoningensis</i> Cheng, Meng & Wang <i>in</i> Cheng <i>et al.</i> , 2008	K Jehol biota
701. <i>Cretaraneus martensnetoi</i> Mesquita, 1996	K Crato Formation
702. <i>Cretaraneus vilaltae</i> Selden, 1990 [*]	K Sierra de Montsech
Enacrosoma Mello-Leitão, 1932	Neogene – Recent
703. <i>Enacrosoma verrucosa</i> (Wunderlich, 1988)	Ne Dominican amber
† Eoaraneus Wunderlich, 2004i	Palaeogene
704. <i>Eoaraneus complexus</i> Wunderlich, 2004 ^{i*}	Pa Baltic amber
† Eochorizopes Wunderlich, 2008a	Palaeogene
705. <i>Eochorizopes szeklinskiae</i> Wunderlich, 2008 ^{a*}	Pa Baltic amber
† Eonephila Wunderlich, 2004i	Palaeogene
706. <i>Eonephila bitterfeldensis</i> Wunderlich, 2004i	Pa Bitterfeld amber
707. <i>Eonephila excellens</i> Wunderlich, 2004 ^{i*}	Pa Baltic amber
708. <i>Eonephila longembolus</i> Wunderlich, 2004i	Pa Baltic amber
† EOzygiella Wunderlich, 2004h	Palaeogene
709. <i>EOzygiella compacta</i> Wunderlich, 2004 ^{h*}	Pa Baltic amber
† Eustaloides Petrunkevitch, 1842	Palaeogene
= † <i>Graea</i> Thorell, 1869 [older synonym, but preoccupied]	
710. ? <i>Eustaloides aberrans</i> (Wunderlich, 2004 ^h)	Pa Baltic amber
711. <i>Eustaloides bitterfeldensis</i> (Wunderlich, 2004 ^h)	Pa Bitterfeld amber
712. <i>Eustaloides breviembolus</i> (Wunderlich, 2004 ^h)	Pa Baltic amber
713. <i>Eustaloides brevis</i> (Wunderlich, 2004 ^h)	Pa Baltic amber
714. <i>Eustaloides calceatus</i> Petrunkevitch, 1950	Pa Baltic amber
715. <i>Eustaloides epeiroidea</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
716. <i>Eustaloides impudica</i> (Wunderlich, 2004 ^h)	Pa Baltic amber
717. <i>Eustaloides lingula</i> (Wunderlich, 2004 ^h)	Pa Baltic amber
718. <i>Eustaloides magnocoli</i> (Wunderlich, 2012 ^c)	Pa Baltic amber
719. <i>Eustaloides minor</i> Petrunkevitch, 1950	Pa Baltic amber
720. <i>Eustaloides setosa</i> Petrunkevitch, 1942 [*]	Pa Baltic amber
721. <i>Eustaloides succini</i> Petrunkevitch, 1942	Pa Baltic amber
† Fossilaraneus Wunderlich, 1988	Neogene
722. <i>Fossilaraneus incertus</i> Wunderlich, 1988 [*]	Ne Dominican amber
Gea C. L. Koch, 1843a	Neogene – Recent
723. <i>Gea krantzi</i> von Heyden, 1859	Ne Rott, Germany
Hypognatha Guérin, 1839	Quaternary – Recent

724. *Hypognatha testudinaria* (Taczanowski, 1879) **[Recent]** Qt Colombian copal
- † **Luxurionephila Wunderlich, 2004i** **Palaeogene**
725. *Luxurionephila spinifera* Wunderlich, 2004i Pa Baltic amber
- † **Mesozysiella Penney & Ortuño, 2006** **Cretaceous**
726. *Mesozysiella dunlopi* Penney & Ortuño, 2006* K Álava amber
- Wunderlich & Müller (2021) suggested this species could belong to Deinopoidea
- † **Minutunguis Wunderlich, 2011f** **Quaternary**
727. *Minutunguis silvestris* Wunderlich, 2011f* Qt Madagascan copal
- † **Miraraneus Wunderlich, 2004i** **Palaeogene**
728. *Miraraneus peregrinus* Wunderlich, 2004i* Pa Baltic amber
- † **Mirometa Petrunkevitch, 1963** **Neogene**
729. *Mirometa valdespinosa* Petrunkevitch, 1963 Ne Chiapas amber
- Molinaranea Mello-Leitão, 1940** **Neogene – Recent**
730. *Molinaranea mitnickii* Saupe, Selden & Penney, 2010 Ne Dominican amber
- Nephila Leach, 1815** **Cretaceous – Recent**
- = † *Geratonephila* Poinar in Poinar & Buckley, 2012
731. *Nephila breviembolus* Wunderlich, 1986 Ne Dominican amber
732. *Nephila burmanica* (Poinar in Poinar & Buckley, 2012) K Burmese amber
- Wunderlich (2015b) suggested that this may be a synonym of *N. tenuis*
733. *Nephila dommeli* Wunderlich, 1982 Ne Dominican amber
734. *Nephila furca* Wunderlich, 1986 Ne Dominican amber
735. *Nephila longembolus* Wunderlich, 1986 Ne Dominican amber
736. *Nephila pennatipes* Scudder, 1885 Pa Florissant
737. *Nephila tenuis* Wunderlich, 1986 Ne Dominican amber
- Nephila* sp. in Dunlop & Penney (2012) K Crato Formation
- † **Palaeonephila Wunderlich, 2004i** **Palaeogene**
738. *Palaeonephila brevis* Wunderlich, 2004i Pa Baltic amber
739. *Palaeonephila curvata* Wunderlich, 2004i* Pa Baltic amber
740. *Palaeonephila diligans* Wunderlich, 2004i Pa Baltic amber
741. *Palaeonephila fibula* Wunderlich, 2004i Pa Baltic amber
742. *Palaeonephila longipes* Wunderlich, 2004i Pa Baltic amber
- † **Pycnosinga Wunderlich, 1988** **Neogene**
743. *Pycnosinga fossilis* Wunderlich, 1988* Ne Dominican amber
- † **Pulchellaranea Poinar, 2015** **Neogene**
744. *Pulchellaranea pedunculata* Poinar, 2015* Ne Dominican amber
- † **Testudinaroides Dunlop & Jekel, 2008** **Neogene**
- = † *Testudinaria* Zhang, Sun & Zhang, 1994 [preoccupied]
745. *Testudinaroides papposa* (Zhang, Sun & Zhang, 1994) Ne Shanwang
- † **Tethneus Scudder, 1885** **Palaeogene**
- = † *Melanites* Hong, 1985
746. *Tethneus guyoti* Scudder, 1890a Pa Florissant
747. *Tethneus hentzi* Scudder, 1885* Pa Florissant

748. *Tethneus obduratus* Scudder, 1890a Pa Florissant
 749. *Tethneus orbiculatus* (Hong, 1985) Ne Shanwang
 750. *Tethneus provectus* Scudder, 1890a Pa Florissant
 751. *Tethneus robustus* Petrunkevitch, 1922 Pa Florissant
 752. *Tethneus twenhofeli* Petrunkevitch, 1922 Pa Florissant
- Zilla C. L. Koch, 1834** **Palaeogene – Recent**
 753. *Zilla gracilis* C. L. Koch & Berendt, 1854 Pa Baltic amber
 754. *Zilla porrecta* C. L. Koch & Berendt, 1854 Pa Baltic amber
 755. *Zilla veterana* C. L. Koch & Berendt, 1854 Pa Baltic amber
- MALKARIDAE Davies, 1980** **Recent**
 = PARARCHAEIDAE Forster & Platnick, 1984
 = 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]
756. *Ero carboneana* Petrunkevitch, 1942 Pa Baltic amber
 757. *Ero aberrans* Petrunkevitch, 1958 Pa Baltic amber
 treated as a *nomen dubium* by Harms & Dunlop (2009)
 758. *Ero (Succinero) clunis* Wunderlich, 2012c Pa Baltic amber
 759. *Ero (Succinero) gracilitibialis* Wunderlich, 2012c Pa Baltic amber
 760. *Ero (Paleoero) longitarsus* (Wunderlich, 2004q) Pa Baltic amber
 761. *Ero permunda* Petrunkevitch, 1942 Pa Baltic amber
 762. *Ero (Succinero) rovnoensis* (Wunderlich, 2004ar) Pa Rovno amber
 763. *Ero (Succinero) veta* Wunderlich, 2012c Pa Baltic amber
- Mimetus Hentz, 1832** **Palaeogene – Recent**
 764. *Mimetus bituberculatus* Wunderlich, 1988 Ne Dominican amber
 765. *Mimetus brevipes* Wunderlich, 2004q Pa Baltic amber
 synonymised by Harms & Dunlop (2009), but resurrected by Wunderlich (2012c)
 766. ?*Mimetus longipes* Wunderlich, 2004q Pa Baltic amber
 ?*Mimetus* sp. *in* Wunderlich (1988) Ne Dominican amber
- † **Protomimetus Wunderlich, 2011** **Palaeogene**
 767. ?*Protomimetus breviclypeus* Wunderlich, 2011h Pa Baltic amber
 768. *Protomimetus longiclypeus* Wunderlich, 2011h* Pa Baltic amber

ARKYIDAE L. Koch, 1872

no fossil record

TETRAGNATHIDAE Menge, 1866 **Cretaceous – Recent**

= PACHYGNATHIDAE Menge, 1866

= METIDAE Simon, 1894

= NANOMETIDAE Forster & Forster, 1999

† **Anameta Wunderlich, 2004h** **Palaeogene**769. *Anameta distenda* Wunderlich, 2004h* Pa Bitterfeld amber770. *Anameta kuntneri* Wunderlich, 2008a Pa Baltic amber**Azilia Keyserling, 1882** **Neogene – Recent**771. *Azilia hispaniolensis* Wunderlich, 1988 Ne Dominican amberi. = *Azilia muellenmeisteri* Wunderlich, 1988 Ne Dominican amber*Azilia* sp. in Wunderlich (1988) Ne Dominican amber† **Balticgnatha Wunderlich, 2011h** **Palaeogene**772. *Balticgnatha projectens* Wunderlich 2011h* Pa Baltic amber† **Baltleucauge Wunderlich, 2008a** **Palaeogene**773. *Baltleucauge gillespieae* Wunderlich 2008a* Pa Baltic amber774. *Baltleucauge propinqua* Wunderlich, 2012c Pa Baltic amber† **Corneometa Wunderlich, 2004h** **Palaeogene**775. *Corneometa baltica* Wunderlich 2004h* Pa Baltic amber776. *Corneometa pilosipes* Wunderlich 2004h Pa Baltic amber**Cyrtognatha Keyserling, 1882** **Neogene – Recent**777. *Cyrtognatha weitschati* Wunderlich, 1988 Ne Dominican amber† **Eometa Petrunkevitch, 1958** **Palaeogene**778. *Eometa calefacta* Wunderlich, 2004h Pa Baltic amber779. *Eometa longipes* Petrunkevitch, 1958 Pa Baltic amber780. *Eometa occulta* Wunderlich, 2004h Pa Baltic amber781. *Eometa perfecta* Wunderlich, 2004h Pa Baltic amber782. *Eometa samlandica* Petrunkevitch, 1958* Pa Baltic amber*Eometa* sp. 1–2 in Wunderlich (2004h) Pa Baltic amber**Homalometa Simon, 1897b** **Neogene – Recent**783. *Homalometa fossilis* Wunderlich, 1988 Ne Dominican amber† **Huergina Selden & Penney, 2003** **Cretaceous**784. *Huergina diazromerali* Selden & Penney, 2003* K Las Hoyas, Spain† **Macryphantes Selden, 1990** **Cretaceous**Wunderlich (2015b) suggested this genus could be a synonym of *Paleouloborus*.785. *Macryphantes cowdeni* Selden, 1990* K Sierra de Montsech**Meta C. L. Koch, 1836** **Palaeogene – Recent**786. *Meta (Praetermeta) maculosa* Wunderlich, 2008a Pa Baltic amber787. *Meta (Praetermeta) velans* (Wunderlich, 2004h) Pa Baltic amber† **Palaeometa Petrunkevitch, 1922** **Palaeogene**

788. <i>Palaeometa opertanea</i> (Scudder, 1890a)*	Pa Florissant
† Palaeopachygnatha Petrunkevitch, 1922	Palaeogene
789. <i>Palaeopachygnatha cockerelli</i> Petrunkevitch, 1922	Pa Florissant
790. <i>Palaeopachygnatha scudleri</i> Petrunkevitch, 1922*	Pa Florissant
† Priscometa Petrunkevitch, 1958	Palaeogene
791. <i>Priscometa capta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
792. <i>Priscometa minor</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
793. <i>Priscometa tenuipes</i> Petrunkevitch, 1958*	Pa Baltic amber
† Samlandicmeta Wunderlich, 2012c	Palaeogene
794. <i>Samlandicmeta mutila</i> Wunderlich, 2012c	Pa Baltic amber
Tetragnatha Latreille, 1804a	Palaeogene – Recent
795. <i>Tetragnatha parva</i> (Hong, 1985)	Ne Shanwang
796. <i>Tetragnatha pristina</i> Schawaller, 1982c	Ne Dominican amber
797. <i>Tetragnatha tertiaria</i> Scudder, 1885	Pa Florissant
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	
798. <i>Acrometa clava</i> Wunderlich, 2004 <i>n</i>	Pa Baltic amber
799. <i>Acrometa cristata</i> Petrunkevitch, 1942*	Pa NE Europe ambers
i. = <i>Theridiometa edwardsi</i> Petrunkevitch, 1942	Pa Baltic amber
ii. = <i>Viocurus fossilis</i> Petrunkevitch, 1958	Pa Baltic amber
800. <i>Acrometa eichmanni</i> Wunderlich, 2004 <i>n</i>	Pa Baltic amber
801. <i>Acrometa gibbosa</i> Wunderlich, 2022 <i>a</i>	Pa Baltic amber
802. <i>Acrometa glomus</i> Wunderlich, 2022 <i>a</i>	Pa Baltic amber
803. <i>Acrometa incidens</i> Wunderlich, 2004 <i>n</i>	Pa Baltic amber
804. <i>Acrometa longisetae</i> Wunderlich, 2022 <i>a</i>	Pa Baltic amber
805. <i>Acrometa pala</i> Wunderlich, 2004 <i>n</i>	Pa Baltic amber
806. <i>Acrometa pseudorobusta</i> Dunlop & Jekel, 2009	Pa Baltic amber
i. = <i>Acrometa robusta</i> (Petrunkevitch, 1946) [preoccupied]	
807. <i>Acrometa setosus</i> (Petrunkevitch, 1942)	Pa Baltic amber
808. <i>Acrometa succini</i> Petrunkevitch, 1942	Pa Baltic amber
† Anandrus Menge, 1856	Palaeogene
= † <i>Elucus</i> Petrunkevitch, 1942	
809. <i>Anandrus inermis</i> (Petrunkevitch, 1942)	Pa Baltic amber
810. <i>Anandrus infelix</i> (Petrunkevitch, 1950)*	Pa Baltic amber
811. <i>Anandrus quaesitus</i> (Petrunkevitch, 1958)	Pa Baltic amber
812. <i>Anandrus redemptus</i> (Petrunkevitch, 1958)	Pa Baltic amber
† Balticosynotaxus Wunderlich, 2022a	Palaeogene

813. <i>Balticosynotaxus angulatus</i> Wunderlich, 2022a*	Pa Baltic amber
† Chelicerinus Wunderlich, 2008a	Palaeogene
814. <i>Chelicerinus abnormis</i> Wunderlich, 2008a	Pa Bitterfeld amber
† Cornuanandrus Wunderlich, 1986	Palaeogene
815. <i>Cornuanandrus bifurcatus</i> Wunderlich, 2004n	Pa Bitterfeld amber
816. <i>Cornuanandrus bitterfeldensis</i> Wunderlich, 2004n	Pa Bitterfeld amber
817. <i>Cornuanandrus corniculans</i> Wunderlich, 2004n	Pa Baltic amber
818. <i>Cornuanandrus maior</i> Wunderlich, 1986*	Pa Baltic amber
819. <i>Cornuanandrus minor</i> Wunderlich, 2004n	Pa Baltic amber
† Dubiosynotaxus Wunderlich, 2004n	Palaeogene
820. <i>Dubiosynotaxus perfectus</i> Wunderlich, 2004n*	Pa Baltic amber
† Eosynotaxus Wunderlich, 2004n	Palaeogene
821. <i>Eosynotaxus bispinosus</i> Wunderlich, 2004n	Pa Baltic amber
822. <i>Eosynotaxus bitterfeldensis</i> Wunderlich, 2004n	Pa Bitterfeld amber
823. <i>Eosynotaxus custodens</i> Wunderlich, 2004n	Pa Baltic amber
824. <i>Eosynotaxus fastigatus</i> Wunderlich, 2004n	Pa Baltic amber
825. <i>Eosynotaxus paucispina</i> Wunderlich, 2004n	Pa Baltic amber
826. <i>Eosynotaxus spinipes</i> Wunderlich, 2004n	Pa Baltic amber
827. <i>Eosynotaxus wegneri</i> Wunderlich, 2004n*	Pa Baltic amber
† Gibbersynotaxus Wunderlich, 2004n	Palaeogene
828. <i>Gibbersynotaxus parvus</i> Wunderlich, 2004n*	Pa Baltic amber
† Protophysoglenes Wunderlich, 2004n	Palaeogene
829. <i>Protophysoglenes impressum</i> Wunderlich, 2004n*	Pa Baltic amber
† Pseudoacrometa Wunderlich, 1986	Palaeogene
830. <i>Pseudoacrometa gracilipes</i> Wunderlich, 1986*	Pa Baltic amber
831. <i>Pseudoacrometa wittmanni</i> Wunderlich, 2004n	Pa Baltic amber
† Succinitaxus Wunderlich, 2004n	Palaeogene
832. <i>Succinitaxus brevis</i> Wunderlich, 2004n*	Pa European ambers
833. ? <i>Succinitaxus minutus</i> Wunderlich, 2004n	Pa Baltic amber
† Sulcosynotaxus Wunderlich, 2004n	Palaeogene
834. <i>Sulcosynotaxus cavatus</i> Wunderlich, 2004n*	Pa Baltic amber
835. ? <i>Sulcosynotaxus matrimonium</i> Wunderlich, 2022a	Pa Baltic amber
NESTICIDAE Simon, 1894	Palaeogene – Recent
† Balticonesticus Wunderlich, 1986	Palaeogene
836. <i>Balticonesticus flexuosus</i> Wunderlich, 1986*	Pa Baltic amber
Eidmanella Roewer, 1935	Quaternary
837. <i>Eidmanella pallida</i> (Emerton, 1875) [Recent]	Qt Madagascar copal
† Eopopino Petrunkevitch, 1942	Palaeogene
838. <i>Eopopino budrysi</i> Eskov & Marusik, 1992	Pa Baltic amber
839. <i>Eopopino inopinatus affinis</i> Wunderlich, 1986	Pa Baltic amber

840. <i>Eopopino inopinatus inopinatus</i> Wunderlich, 1986	Pa Baltic amber
841. <i>Eopopino longipes</i> Petrunkevitch, 1942*	Pa Baltic amber
842. <i>Eopopino palanga</i> Eskov & Marusik, 1992	Pa Baltic amber
843. <i>Eopopino rarus rarus</i> Wunderlich, 1986	Pa Baltic amber
844. <i>Eopopino rarus solitarius</i> Wunderlich, 1986	Pa Baltic amber
845. <i>Eopopino rudloffii</i> Wunderlich, 2004o	Pa Bitterfeld amber
<i>Eopopino</i> sp. in Wunderlich (1986)	Pa Bitterfeld amber
† Heteronesticus Wunderlich, 1986	Palaeogene
846. <i>Heteronesticus magnoparacymbialis</i> Wunderlich, 1986*	Pa Baltic amber
† Hispanonesticus Wunderlich, 1986	Neogene
847. <i>Hispanonesticus latopalpus</i> Wunderlich, 1986*	Ne Dominican amber
CYATHOLIPIDAE Simon, 1894	Palaeogene – Recent
= TEEMENAARIDAE Davies, 1978	
† Balticolipus Wunderlich, 2004m	Palaeogene
848. <i>Balticolipus kruemmeri</i> Wunderlich, 2004m*	Pa Baltic / Bitt. amber
† Cyathosuccinus Wunderlich, 2004m	Palaeogene
849. <i>Cyathosuccinus elongatus</i> Wunderlich, 2004m*	Pa Baltic amber
† Erigolipus Wunderlich, 2004m	Palaeogene
850. <i>Erigolipus griswoldi</i> Wunderlich, 2004m*	Pa Baltic amber
† Spinilipus Wunderlich, 1993b	Palaeogene
851. <i>Spinilipus bispinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
852. <i>Spinilipus curvatus</i> Wunderlich, 2004m	Pa Bitterfeld amber
853. <i>Spinilipus glinki</i> Wunderlich, 2004m	Pa Baltic amber
854. <i>Spinilipus kerneggeri</i> Wunderlich, 1993b*	Pa Baltic amber
855. <i>Spinilipus longembolus</i> Wunderlich, 2004m	Pa Baltic amber
† Succinilipus Wunderlich, 1993b	Palaeogene
856. <i>Succinilipus abditus</i> Wunderlich, 2004m	Pa Baltic / Bitt. amber
857. <i>Succinilipus aspinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
858. <i>Succinilipus saxoniensis</i> Wunderlich, 1993b	Pa Bitterfeld amber
859. <i>Succinilipus similis</i> Wunderlich, 2004m	Pa Bitterfeld amber
860. <i>Succinilipus teuberi</i> Wunderlich, 1993b*	Pa Baltic amber
<i>Succinilipus</i> sp. in Wunderlich (2004m)	Pa Baltic / Bitt. Amber
PHYSOGLLENIDAE Petrunkevitch, 1928	Recent
no fossil record	
PIMOIDAE Wunderlich, 1986	Palaeogene – Recent
Pimoa Chamberlin & Ivie, 1943	Palaeogene – Recent
861. <i>Pimoa expandens</i> Wunderlich, 2004r	Pa Baltic amber
862. <i>Pimoa (Eopimoa) hormigai</i> Wunderlich, 2004r	Pa Baltic amber
863. <i>Pimoa inopinata</i> Wunderlich, 2004r	Pa Baltic amber

864. <i>Pimoa liedtkei</i> Wunderlich, 2004r	Pa	Baltic amber
865. <i>Pimoa lingua</i> Wunderlich, 2004r	Pa	Baltic amber
866. <i>Pimoa (Eopimoa) longiscapus</i> Wunderlich, 2008a	Pa	Baltic amber
867. <i>Pimoa multicuspuli</i> Wunderlich, 2004r	Pa	Baltic amber
868. <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
PUMILIOPIMOIDAE Wunderlich, 2008a	Palaeogene – Recent	
† <i>Pumiliopimoa</i> Wunderlich, 2008a	Palaeogene	
869. <i>Pumiliopimoa parma</i> Wunderlich, 2008a*	Pa	Baltic amber
LINYPHIIDAE Blackwall, 1859	Cretaceous – Recent	
= MICRYPHANTIDAE Bertkau, 1878a		
= ERIGONIDAE Simon, 1884c		
= SINOPIMOIDAE Li & Wunderlich, 2008		
?Linyphiidae gen. et sp. indet in McAlpine & Martin (1969)	K	Canadian amber
Linyphiidae gen. et sp. indet in Penney (2002)	K	New Jersey amber
Linyphiidae gen. et sp. indet in Schmidt <i>et al.</i> (2010)	Ne	Ethiopian amber
Linyphiinae gen. et sp. indet in Penney & Selden (2002)	K	Lebanese amber
Wunderlich (2012d) and Wunderlich & Müller (2018) questioned the validity of the Cretaceous linyphiids		
† <i>Agynetiophantes</i> Wunderlich, 2004s	Palaeogene	
870. <i>Agynetiophantes gibbiferus</i> Wunderlich, 2004s*	Pa	Baltic amber
<i>Ceratinopsis</i> Emerton, 1882	Quaternary – Recent	
871. <i>Ceratinopsis deformans</i> (Wunderlich, 1998)	Qt	Madagascan copal
<i>Cnephalocotes</i> Simon, 1884c	Quaternary – Recent	
872. <i>Cnephalocotes obscurus</i> (Blackwall, 1834b) [Recent]	Qt	England
† <i>Custodela</i> Petrunkevitch, 1942	Palaeogene	
= † <i>Obnisus</i> Petrunkevitch, 1942 [tentative synonymy]		
873. <i>Custodela acuta</i> Wunderlich, 2004s	Pa	Baltic amber
874. <i>Custodela acutula</i> Wunderlich, 2004s	Pa	Bitterfeld amber
875. <i>Custodela bispina</i> Wunderlich, 2004s	Pa	Bitterfeld amber
876. <i>Custodela bispinosa</i> Wunderlich, 2004s	Pa	Bitterfeld amber
877. <i>Custodela cheiracantha</i> (C. L. Koch & Berendt, 1854)*	Pa	Baltic amber
878. <i>Custodela clava</i> Wunderlich, 2004s	Pa	Baltic amber
879. <i>Custodela curva</i> Wunderlich, 2004s	Pa	Baltic amber
880. <i>Custodela curvata</i> Wunderlich, 2004s	Pa	Bitterfeld amber
881. <i>Custodela divergens</i> Wunderlich, 2004s	Pa	Baltic amber
882. <i>Custodela expandens</i> Wunderlich, 2004s	Pa	Baltic amber
883. <i>Custodela falcata</i> Wunderlich, 2004s	Pa	Baltic amber
884. <i>Custodela femurspinosa</i> Wunderlich, 2004s	Pa	Bitterfeld amber

885. <i>Custodela henningseni</i> Wunderlich, 2004s	Pa Baltic amber
886. <i>Custodela kochi</i> Wunderlich, 2004s	Pa Baltic amber
887. <i>Custodela lamellata</i> (Wunderlich, 1988)	Pa Baltic amber
888. <i>Custodela lanx</i> Wunderlich, 2004s	Pa Baltic amber
889. <i>Custodela oblonga</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
890. <i>Custodela obtusa</i> Wunderlich, 2004s	Pa Baltic amber
891. ? <i>Custodela parva</i> Wunderlich, 2004s	Pa Bitterfeld amber
892. <i>Custodela pseudokochi</i> Wunderlich, 2004s	Pa Baltic amber
893. <i>Custodela stridulans</i> Wunderlich, 2004s	Pa Bitterfeld amber
894. <i>Custodela tenuipes</i> (Petrunkevitch, 1942)	Pa Baltic amber
895. <i>Custodela tibialis</i> Wunderlich, 2004s	Pa Baltic amber
<i>Custodela</i> sp. in Wunderlich (2004s)	Pa Bitterfeld amber
† <i>Custodelela</i> Wunderlich, 2004s	Palaeogene
896. <i>Custodelela hamata</i> Wunderlich, 2004s*	Pa Bitterfeld amber
† <i>Eolabulla</i> Wunderlich, 2004s	Palaeogene
897. <i>Eolabulla falcata</i> Wunderlich, 2004s	Pa Baltic amber
898. <i>Eolabulla gladiiformis</i> Wunderlich, 2004s	Pa Baltic amber
899. <i>Eolabulla laminata</i> Wunderlich, 2004s*	Pa Baltic amber
900. <i>Eolabulla perforata</i> Wunderlich, 2004s	Pa Baltic amber
901. <i>Eolabulla sagitta</i> Wunderlich, 2004s	Pa Baltic amber
902. <i>Eolabulla similis</i> Wunderlich, 2004s	Pa Baltic amber
<i>Eolabulla</i> sp. 1–2 in Wunderlich (2004s)	Pa Baltic amber
† <i>Eophantes</i> Wunderlich, 2004s	Palaeogene
903. <i>Eophantes complicatus</i> Wunderlich, 2004s*	Pa Baltic amber
904. ? <i>Eophantes seorsum</i> Wunderlich, 2012c	Pa Baltic amber
<i>Erigone</i> Audouin, 1826	Neogene – Recent
905. <i>Erigone atra</i> Blackwall, 1833 [Recent]	Qt England
906. ? <i>Erigone dechenii</i> Bertkau, 1878b	Ne Rott, Germany
<i>Erigone</i> sp. in Hopkins <i>et al.</i> (1976)	Qt Alaska
<i>Floricomus</i> Crosby & Bishop, 1925	Neogene – Recent
907. <i>Floricomus fossilis</i> Penney, 2005c	Ne Dominican amber
<i>Gonatium</i> Menge, 1868	Quaternary – Recent
908. <i>Gonatium rubens</i> (Blackwall, 1833) [Recent]	Qt England
<i>Hypselistes</i> Simon, 1894	Quaternary – Recent
909. <i>Hypselistes jacksoni</i> (O. P.-Cambridge, 1902) [Recent]	Qt England
<i>Linyphia</i> Latreille, 1804a	Palaeogene – Recent
910. <i>Linyphia andraei</i> Bertkau, 1878b	Ne Rott, Germany
911. <i>Linyphia byrami</i> Cockerell, 1925	Pa Green River
912. <i>Linyphia florissantii</i> Petrunkevitch, 1922	Pa Florissant
913. <i>Linyphia pachygnathoides</i> Petrunkevitch, 1922	Pa Florissant
914. <i>Linyphia quievreuxi</i> Berland, 1939	Pa Aix-en-Provence

915. <i>Linyphia retensa</i> Scudder, 1890a	Pa Florissant
916. <i>Linyphia rottensis</i> Bertkau, 1878b	Ne Rott, Germany
917. <i>Linyphia seclusa</i> (Scudder, 1890a)	Pa Florissant
† Madagascarphantes Wunderlich, 2012a	Quaternary
918. <i>Madagascarphantes vomerans</i> Wunderlich, 2012a*	Qt Madagascan copal
† Malepellis Petrunkevitch, 1971	Neogene
919. <i>Malepellis extincta</i> Petrunkevitch, 1971*	Ne Chiapas amber
Meioneta Hull, 1920	Neogene – Recent
920. <i>Meioneta bigibber</i> (Wunderlich, 1988)	Ne Dominican amber
921. <i>Meioneta fastigata</i> (Wunderlich, 1988)	Ne Dominican amber
922. <i>Meioneta separata</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Meioneta</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Paralabulla Wunderlich, 2004s	Palaeogene
923. <i>Paralabulla bitterfeldensis</i> Wunderlich, 2004s*	Pa Bitterfeld amber
924. ? <i>Paralabulla dubia</i> Wunderlich, 2004s	Pa Baltic amber
925. <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
926. <i>Pocadicnemis pumila</i> (Blackwall, 1841) [Recent]	Qt England
Savignia Blackwall, 1833	Quaternary – Recent
927. <i>Savignia frontata</i> Blackwall, 1833 [Recent]	Qt England
Selenyphantes Gertsch & Davis, 1946	Neogene – Recent
= † <i>Palaeolinyphia</i> Wunderlich, 1986	
928. <i>Selenyphantes flagellifera</i> (Wunderlich, 1986)	Ne Dominican amber
† Succineta Wunderlich, 2004s	Palaeogene
929. <i>Succineta brevispina</i> Wunderlich, 2004s	Pa Baltic amber
930. <i>Succineta discoidalis</i> Wunderlich, 2004s*	Pa Baltic amber
<i>Succineta</i> sp. in Wunderlich (2004s)	Pa Baltic amber
† Succiphantes Wunderlich, 2004s	Palaeogene
931. <i>Succiphantes tanasevitchi</i> Wunderlich, 2004s	Pa Baltic amber
932. <i>Succiphantes velteni</i> Wunderlich, 2004s*	Pa Baltic amber
Toschia Caporiacco, 1949	Quaternary – Recent
933. ? <i>Toschia fossilis</i> Wunderlich, 2004as	Qt Madagascan copal
ERESIDAE C. L. Koch, 1851	?Miocene – Recent
no body fossil record, but a web attributed to the extant genus <i>Seothyra</i> was described by Pickford (2000) from Miocene aeolianites in the Namib Desert of Namibia	
DEINOPOIDEA C. L. Koch, 1851	Jurassic – Recent
Stem Deinopoidea	
† Zhizhu Selden, Ren & Shih, 2016	Jurassic – Cretaceous
Wunderlich & Müller (2021) suggested that this genus could belong to Pholcochyroceridae	

934. *Zhizhu daohugouensis* Selden, Ren & Shih, 2016* J Daohugou
935. *Zhizhu jeholensis* Selden, Ren & Shih, 2016 K Jehol Biota
- † **PRAEARANEIDAE Wunderlich, 2017c** **Cretaceous**
 Wunderlich & Müller (2021) tentatively placed this family in Deinopoidea
- † ***Praearaneus* Wunderlich, 2017c** **Cretaceous**
936. *Praearaneus araneoides* Wunderlich, 2020b K Burmese amber
937. *Praearaneus bruckschi* Wunderlich, 2017c K Burmese amber
- Praearaneus* sp. in Wunderlich (2017c) K Burmese amber
- † **SALTICOIDIDAE Wunderlich, 2008d** **Cretaceous**
 = † **BURMADICTYNIDAE Wunderlich, 2017c**
- “Dictynidae gen. et sp. indet” in Penney (2002) K New Jersey amber
- † ***Burmadictyna* Wunderlich, 2008d** **Cretaceous**
938. *Burmadictyna clava* Wunderlich, 2015b K Burmese amber
939. *Burmadictyna crassebolus* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
940. *Burmadictyna excavata* Wunderlich, 2015b K Burmese amber
941. *Burmadictyna fissura* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
942. *Burmadictyna pecten* Wunderlich, 2008d* K Burmese amber
943. *Burmadictyna postcopula* Wunderlich, 2017c K Burmese amber
944. *Burmadictyna similis* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
- ?*Burmadictyna* sp. in Wunderlich (2015b) K Burmese amber
- Burmadictyna* sp. indet in Wunderlich (2017c) K Burmese amber
- † ***Palaeomicromennus* Penney, 2003** **Cretaceous**
945. *Palaeomicromennus lebanensis* Penney, 2003b* K Lebanese amber
- † ***Salticoidus* Wunderlich, 2008d** **Cretaceous**
946. *Salticoidus kaddumiorum* Wunderlich, 2008d* K Jordanian amber
- † **SCUTULOBORIDAE Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
- † ***Scutuloborella* Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
947. *Scutuloborella admirabilis* Wunderlich in Wunderlich & Müller, 2021* .. K Burmese amber
- † ***Scutuloboroides* Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
948. *Scutuloboroides pumilio* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
- † ***Scutuloborus* Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
949. *Scutuloborus spiralembolus* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
- † **DUBIODEINOPSIDAE Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
- † ***Deinopedes* Wunderlich, 2017c** **Cretaceous**
950. *Deinopedes tranquillus* Wunderlich, 2017c K Burmese amber
- † ***Dubiodeinopsis* Wunderlich in Wunderlich & Müller, 2021** **Cretaceous**
951. *Dubiodeinopsis spinifemora* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber

† EODEINOPIIDAE Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
† <i>Eodeinopsis</i> Wunderlich, 2017c	Cretaceous
952. <i>Eodeinopsis longipes</i> Wunderlich, 2017c*	K Burmese amber
DEINOPIIDAE C. L. Koch, 1851	Palaeogene – Recent
<i>Deinopsis</i> MacLeay, 1839	Quaternary – Recent
953. <i>Deinopsis ?madagascariensis</i> Lenz, 1886 [Recent]	Qt Madagascar copal
<i>Menneus</i> Simon, 1876b	Palaeogene – Recent
954. ? <i>Menneus pietrzeniukae</i> Wunderlich, 2004g	Pa Baltic amber
? <i>Menneus</i> sp. 1–3 <i>in</i> Wunderlich (2004g)	Pa Baltic amber
SYNAPHRIDAE Wunderlich, 1986	Palaeogene – Recent
† <i>Iardinidis</i> Wunderlich 2004k	Palaeogene
955. <i>Iardinidis brevipes</i> Wunderlich, 2004k*	Pa Baltic amber
OECOBIOIDEA Blackwall, 1862	Cretaceous – Recent
Oecobioidea fam. indet. <i>in</i> Wunderlich (2008d)	K Burmese amber
Oecobioidea indet. <i>in</i> Wunderlich 2015b	K Jordanian amber
HERSILIIDAE Thorell, 1870a	Cretaceous – Recent
= CHALINUROIDAE Thorell, 1873	
Hersiliidae sp. 1–3 <i>in</i> Wunderlich (2004d)	Pa Baltic amber
Hersiliidae sp. <i>in</i> Wunderlich (2011f)	Qt Madagascar copal
Hersiliidae indet. <i>in</i> Wunderlich, 2015b	K Burmese amber
† <i>Burmesiola</i> Wunderlich, 2011i	Cretaceous
956. <i>Burmesiola cretacea</i> Wunderlich, 2011*	K Burmese amber
957. <i>Burmesiola daviesi</i> Wunderlich, 2015b	K Burmese amber
958. <i>Burmesiola kachinensis</i> Wunderlich, 2020b	K Burmese amber
† “ <i>Fictotama</i> Petrunkevitch, 1963 (<i>nomen dubium</i>)“	Neogene
Wunderlich 2011f placed a new species in this genus, which was previously considered a <i>nomen dubium</i> . He did not formally revalidate the genus	
959. “ <i>Fictotama</i> ” <i>maculosa</i> Wunderlich, 2011g	Ne Dominican amber
† <i>Gerdia</i> Menge, 1869	Palaeogene
960. <i>Gerdia myura</i> Menge, 1869*	Pa Baltic amber
† <i>Gardiopsis</i> Wunderlich, 2004e	Palaeogene
961. <i>Gardiopsis infrigens</i> Wunderlich, 2004e*	Pa Baltic amber
† <i>Gerdiorum</i> Wunderlich 2004e	Palaeogene
962. <i>Gerdiorum inflexum</i> Wunderlich 2004e*	Pa Baltic amber
<i>Hersilia</i> Audouin, 1826	Palaeogene – Recent
= † <i>Hersiliopsis</i> Wunderlich, 2004e	
963. <i>Hersilia aquisextana</i> Gourret, 1887	Pa Aix-en-Provence
964. <i>Hersilia madagascarensis</i> (Wunderlich, 2004e)	Qt–R Madagas. copal

965. ? <i>Hersilia miranda</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† <i>Hersiliana</i> Wunderlich, 2004e	Quaternary – Recent
966. <i>Hersiliana brevipes</i> Wunderlich, 2004e*	Qt Madagascan copal
<i>Hersiliola</i> Thorell, 1870	Palaeogene – Recent
<i>Hersiliola</i> sp. in Selden & Wang (2014)	Pa Green River
† <i>Prototama</i> Petrunkevitch, 1971	Neogene
= † <i>Priscotama</i> Petrunkevitch, 1971	
967. <i>Prototama antiqua</i> (Petrunkevitch, 1971)	Ne Chiapas amber
968. <i>Prototama maior</i> (Wunderlich, 1988)	Ne Dominican amber
969. <i>Prototama media</i> (Wunderlich, 1988)	Ne Dominican amber
970. <i>Prototama minor</i> (Wunderlich, 1987)	Ne Dominican amber
971. <i>Prototama succinea</i> Petrunkevitch, 1971*	Ne Chiapas amber
<i>Prototama</i> sp. in Wunderlich (1988)	Ne Dominican amber
† <i>Spinasilia</i> Wunderlich, 2015b	Cretaceous
972. <i>Spinasilia dissoluta</i> Wunderlich, 2015b*	K Burmese amber
† BURMASCUTIDAE Wunderlich, 2008d	Cretaceous
† <i>Burmascutum</i> Wunderlich, 2008d	Cretaceous
973. <i>Burmascutum aenigma</i> Wunderlich, 2008d*	K Burmese amber
974. <i>Burmascutum brevis</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
OECOBIIDAE Blackwall, 1862	Cretaceous – Recent
= UROCTEIDAE Thorell, 1869	
Oecobiidae indet. in Wunderlich, 2015b	K Burmese amber
† <i>Lebanoecobius</i> Wunderlich, 2004e	Cretaceous
975. <i>Lebanoecobius schleei</i> Wunderlich, 2004e*	K Lebanese amber
† <i>Mizalia</i> C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Paruroctea</i> Petrunkevitch, 1942	
976. <i>Mizalia gemini</i> Wunderlich, 2004e	Pa Baltic amber
977. <i>Mizalia rostrata</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
i. = <i>Mizalia pilosula</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
978. <i>Mizalia spirembolus</i> Wunderlich, 2004e	Pa Baltic amber
<i>Mizalia</i> sp. in Wunderlich (2011h)	Pa Baltic/Bltter. amber
<i>Oecobius</i> Lucas, 1846	?Cretaceous – Recent
979. <i>Oecobius piliformis</i> Wunderlich, 1988	Ne Dominican amber
? <i>Oecobius</i> sp. indet in Penney (2002)	K New Jersey amber
† <i>Retroecobius</i> Wunderlich, 2015b	Cretaceous
980. <i>Retroecobius chomskyi</i> Wunderlich, 2015b*	K Burmese amber
981. <i>Retroecobius convexus</i> Wunderlich, 2015b	K Burmese amber
<i>Uroctea</i> Dufour, 1820	Palaeogene – Recent
982. <i>Uroctea galloprovincialis</i> Gourret, 1887	Pa Aix-en-Provence
† <i>Zamilia</i> Wunderlich, 2008d	Cretaceous

983. <i>Zamilia aculeopectens</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
984. <i>Zamilia antecessor</i> Wunderlich, 2008 <i>d</i> *	K Burmese amber
985. <i>Zamilia quattuormammillae</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
<i>Zamilia</i> sp. indet. in Wunderlich, 2015 <i>b</i>	K Burmese amber
'CANOE TAPETUM' CLADE	Jurassic – Recent
ORBICULARIAE Walckenaer, 1802	Jurassic – Recent
ULOBORIDAE Thorell, 1869	?Jurassic – Recent
Uloboridae indet. in Wunderlich (2011 <i>f</i>)	Qt Madagascar copal
Uloboridae indet. in Wunderlich, 2015 <i>b</i>	K Burmese amber
Uloboridae <i>incerate sedis</i> in Selden & Wang (2014)	Pa Green River
† <i>Bicalamistrum</i> Wunderlich, 2015<i>b</i>	Cretaceous
986. <i>Bicalamistrum mixtum</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
† <i>Boavista</i> Wunderlich in Wunderlich & Müller, 2021	Cretaceous
987. <i>Boavista crassifemora</i> Wunderlich in Wunderlich & Müller, 2021*	K Burmese amber
† <i>Burmasuccinus</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
988. <i>Burmasuccinus bulla</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† <i>Burmuloborus</i> Wunderlich, 2008<i>d</i>	Cretaceous
989. <i>Burmuloborus antefixus</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
990. <i>Burmuloborus parvus</i> Wunderlich, 2008 <i>d</i> *	K Burmese amber
991. ? <i>Burmuloborus prolongatus</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
? <i>Burmuloborus</i> sp. indet. in Wunderlich, 2015 <i>b</i>	K Burmese amber
† <i>Eomiagrammopes</i> Wunderlich, 2004<i>f</i>	Palaeogene
992. <i>Eomiagrammopes maior</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
993. <i>Eomiagrammopes minor</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
994. <i>Eomiagrammopes semiapertus</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
995. <i>Eomiagrammopes singularis</i> Wunderlich, 2004 <i>f</i> *	Pa Baltic amber
996. <i>Eomiagrammopes spinipes</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
<i>Eomiagrammopes</i> sp. 1–2 in Wunderlich (2004 <i>f</i>)	Pa Baltic amber
? <i>Eomiagrammopes</i> sp. in Wunderlich (2004 <i>f</i>)	Pa Baltic amber
† <i>Hyptiomopes</i> Wunderlich, 2004<i>f</i>	Palaeogene
997. <i>Hyptiomopes bitterfeldensis</i> Wunderlich 2004 <i>f</i> *	Pa Bitterfeld amber
? <i>Hyptiomopes</i> sp. in Wunderlich (2004 <i>f</i>)	Pa Bitterfeld amber
<i>Hyptiotes</i> Walckenaer, 1837	Palaeogene – Recent
= † <i>Androgeus</i> C. L. Koch & Berendt, 1854	
998. <i>Hyptiotes convexus</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
999. <i>Hyptiotes glaber</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
1000. <i>Hyptiotes saetosus</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
1001. <i>Hyptiotes stellatus</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
1002. <i>Hyptiotes triqueter</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber

† Jerseyuloborus Wunderlich, 2011i	Cretaceous
1003. <i>Jerseyuloborus longisoma</i> Wunderlich, 2011*	K New Jersey amber
† Kachin Wunderlich, 2017c	Cretaceous
1004. <i>Kachin fruticosus</i> Wunderlich, 2017c*	K Burmese amber
1005. <i>Kachin fruticosoides</i> Wunderlich, 2017c	K Burmese amber
1006. <i>Kachin serratus</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
Miagrammopes O. P.-Cambridge, 1870	Palaeogene – Recent
1007. <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
<i>Miagrammopes</i> sp. in Selden & Wang (2014)	Pa Green River
† Microuloborus Wunderlich, 2015b	Cretaceous
1008. <i>Microuloborus ater</i> Wunderlich in Wunderlich & Müller, 2022a	K Burmese amber
1009. <i>Microuloborus birmanicus</i> Wunderlich, 2015b*	K Burmese amber
1010. <i>Microuloborus oblongus</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
<i>Microuloborus</i> sp. indet. in Wunderlich & Müller (2021)	K Burmese amber
† Ocululoborus Wunderlich, 2012d	Cretaceous
1011. <i>Ocululoborus curvatus</i> Wunderlich, 2012d*	K Burmese amber
questionable member of the family according to Wunderlich & Müller (2021)	
† Opellianus Wunderlich, 2004f	Palaeogene
1012. <i>Opellianus excellens</i> Wunderlich, 2004f*	Pa Baltic amber
1013. <i>Opellianus kazimierasi</i> Wunderlich 2004f	Pa Baltic amber
1014. <i>Opellianus ludwigi</i> Wunderlich 2004f	Pa Baltic amber
† Palaeouloborus Selden, 1990	Cretaceous
1015. <i>Palaeouloborus lacasae</i> Selden, 1990*	K Sierra de Montsech
† Paramiagrammopes Wunderlich, 2008d	Cretaceous
= † <i>Furculoborus</i> Wunderlich, 2017c	
= † <i>Palaeomiagrammopes</i> Wunderlich, 2008d	
1016. <i>Paramiagrammopes appendix</i> Wunderlich in Wunder. & Müller, 2021	K Burmese amber
1017. <i>Paramiagrammopes cretaceus</i> Wunderlich, 2008d*	K Burmese amber
1018. <i>Paramiagrammopes curvatus</i> Wunderlich in Wunder. & Müller, 2021	K Burmese amber
1019. <i>Paramiagrammopes furca</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
1020. <i>Paramiagrammopes granulatus</i> Wunderlich in Wunder. & Müller, 2021	K Burmese amber
1021. <i>Paramiagrammopes inaequalis</i> Wunderlich in Wunder. & Müller, 2021	K Burmese amber
1022. <i>Paramiagrammopes inclinatus</i> Wunderlich in Wunder. & Müller, 2021	K Burmese amber
1023. <i>Paragrammopes [sic] longicypeus</i> Wunderlich, 2015b	K Burmese amber
1024. <i>Paramiagrammopes multifemurspinae</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber
1025. <i>Paramiagrammopes patellaris</i> (Wunderlich, 2017c)	K Burmese amber
1026. <i>Paramiagrammopes paracurvatus</i> Wunderlich in Wunderlich & Müller, 2021	K Burmese amber

1027. *Paramiagrammopes patellidens* Wunderlich, 2015b K Burmese amber
1028. *Paramiagrammopes pilosus* Wunderlich in Wunder. & Müller, 2021 K Burmese amber
1029. *Paramiagrammopes pollex* Wunderlich in Wunder. & Müller, 2021 .. K Burmese amber
1030. *Paramiagrammopes pusillus* Wunderlich in Wunderlich & Müller,
2018 K Burmese amber
1031. *Paramiagrammopes semiapertus* Wunderlich in Wunderlich &
Müller, 2021 K Burmese amber
1032. *Paramiagrammopes simplex* Wunderlich in Wunder. & Müller, 2021 K Burmese amber
1033. *Paramiagrammopes sulcus* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
1034. *Paramiagrammopes texter* Wunderlich in Wunderlich & Müller, 2021 K Burmese amber
1035. *Paramiagrammopes unibrevispina* Wunderlich in Wunderlich &
Müller, 2021 K Burmese amber
1036. *Paramiagrammopes vesica* (Wunderlich, 2008d) K Burmese amber
Paramiagrammopes sp. in Wunderlich (2008d) and Wunderlich &
Müller (2021) K Burmese amber
- † **Planibulbus** Wunderlich in Wunderlich & Müller, 2018 **Cretaceous**
1037. *Planibulbus longisoma* Wunderlich in Wunderlich & Müller, 2018* ... K Burmese amber
- † **Propterkachin** Wunderlich, 2017c **Cretaceous**
1038. *Propterkachin bispinatus* Wunderlich in Wunderlich & Müller, 2021 .. K Burmese amber
1039. *Propterkachin magnoculus* Wunderlich, 2017c* K Burmese amber
1040. *Propterkachin pygmaeus* Wunderlich in Wunderlich & Müller, 2022a K Burmese amber
1041. *Propterkachin unispinatus* Wunderlich in Wunderlich & Müller, 2022a K Burmese amber
- † **Pseudokachin** Wunderlich in Wunderlich & Müller, 2021 **Cretaceous**
1042. *Pseudokachin tuberculatus* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
- † **Spiniuloborus** Wunderlich in Wunderlich & Müller, 2021 **Cretaceous**
1043. *Spiniuloborus crux* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
- † **Talbragaraneus** Selden & Beattie, 2013 [tentative familial assignment] **Jurassic**
1044. *Talbragaraneus jurassicus* Selden & Beattie, 2013* J Talbragar, Australia
- † **Ulobomopes** Wunderlich, 2004f **Palaeogene**
1045. *Ulobomopes unicus* Wunderlich, 2004f* Pa Baltic amber
- † **DUBIOULOBORIDAE** Wunderlich in Wunderlich & Müller, 2021 **Cretaceous**
- † **Dubiouloborix** Wunderlich in Wunderlich & Müller, 2021 **Cretaceous**
1046. *Dubiouloborix incompletus* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
- † **Dubiouloborus** Wunderlich in Wunderlich & Müller, 2021 **Cretaceous**
1047. *Dubiouloborus praeta* Wunderlich in Wunderlich & Müller, 2021* K Burmese amber
1048. *Dubiouloborus procerembolus* Wunderlich in Wunder. & Müller, 2021* K Burmese amber
- † **FRATERULOBORIDAE** Wunderlich in Wunderlich & Müller, 2018 **Cretaceous**
- † **Frateruloborus** Wunderlich in Wunderlich & Müller, 2018 **Cretaceous**
1049. *Frateruloborus bulbosus* Wunderlich in Wunderlich & Müller, 2018* ... K Burmese amber

† ALTERULOBORIDAE Wunderlich <i>in</i> Wunderlich & Müller, 2018	Cretaceous
† <i>Alteruloborus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	Cretaceous
1050. <i>Alteruloborus araneoides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018*	K Burmese amber
† CRASSICEPHALIDAE Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
† <i>Crassicephalus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
1051. <i>Crassicephalus parvibulbus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021*	K Burmese amber
† MONGOLARACHNIDAE Selden, Shi & Ren, 2013	Jurassic – Cretaceous
Wunderlich (2017c) considered it a haplogyne spider family, close to Pholcochyroceridae	
† <i>Mongolarachne</i> Selden, Shi & Ren, 2013	Jurassic
1052. <i>Mongolarachne jurassica</i> (Selden, Shih & Ren, 2011)*	J Daohugou
† PILOSARACHNIDAE Jiang & Li <i>in</i> Jiang <i>et al.</i> , 2020	Cretaceous
† <i>Pilosarachne</i> Jiang & Li <i>in</i> Jiang <i>et al.</i> , 2020	Cretaceous
1053. <i>Pilosarachne ju</i> Jiang & Li <i>in</i> Jiang <i>et al.</i> , 2020*	K Burmese amber
† GIGARACHNIDAE Jiang & Li <i>in</i> Jiang <i>et al.</i> , 2020	Cretaceous
† <i>Gigarachne</i> Jiang & Li <i>in</i> Jiang <i>et al.</i> , 2020	Cretaceous
1054. <i>Gigarachne bian</i> Jiang & Li <i>in</i> Jiang <i>et al.</i> , 2020*	K Burmese amber
TITANOECOIDEA Lehtinen, 1967	Quaternary – Recent
TITANOECIDAE Lehtinen, 1967	Recent
no fossil record	
COPALDICTYNIDAE Wunderlich, 2004v	Quaternary – Recent
subfamily raised to a distinct family by (Wunderlich 2020b)	
† <i>Copaldictyna</i> Wunderlich, 2004v	Quaternary
1055. <i>Copaldictyna madagascariensis</i> Wunderlich, 2004v*	Qt Madagascan copal
PHYXELIDIDAE Lehtinen, 1967	Recent
no fossil record	
TIBIAL APOPHYSIS CLADE <i>sensu</i> Wunderlich & Müller (2021)	Cretaceous – Recent
† EOTIBIAAPOPHYSIDAE Wunderlich, 2018 (stat. nov. Wunderlich & Müller 2021)	
† <i>Eoagalenomorphus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2021	Cretaceous
1056. <i>Eoagalenomorphus cretaceus</i> Wunderlich <i>in</i> Wunder. & Müller, 2018*	K Burmese amber
† <i>Eotibiaapophysis</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	Cretaceous
1057. <i>Eotibiaapophysis reliquus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018*.	K Burmese amber
RETROLATERAL TIBIAL APOPHYSIS CLADE	Cretaceous – Recent
?RTA-clade <i>in</i> Wunderlich (2008d)	K Burmese amber

- ?RTA-clade *in* Wunderlich (2017c) K Burmese amber
 ?RTA-clade *in* Wunderlich & Müller (2018) K Burmese amber
ZODARIIDOIDEA Thorell, 1881 **Palaeogene – Recent**
PENESTOMIDAE Simon, 1903 **Recent**
 no fossil record
- ZODARIIDAE Thorell, 1881** **Palaeogene – Recent**
 = CRYPTOTHELIDAE L. Koch, 1872 [younger name protected by useage]
 = † ADJUTORIDAE Petrunkevitch, 1942
 Zodariidae gen. et sp. indet 1–4 *in* Wunderlich (2004ae) Pa Baltic amber
- † **Adorator Petrunkevitch, 1942** **Palaeogene**
 1058. *Adorator hispidus* (C. L. Koch & Berendt, 1854) Pa Baltic / Rovno amber
 i. = *Segestria cylindrica* C. L. Koch & Berendt, 1854 Pa Baltic amber
 ii. = *Eresus curtipes* C. L. Koch & Berendt, 1854 Pa Baltic amber
 iii. = *Eresus monachus* C. L. Koch & Berendt, 1854 Pa Baltic amber
 iv. = *Adorator brevipes* Petrunkevitch, 1942* Pa Baltic amber
 1059. *Adorator samlandicus* Petrunkevitch, 1942 Pa Baltic amber
- † **Angusdarion Wunderlich, 2004ae** **Palaeogene**
 1060. *Angusdarion humilis* Wunderlich, 2004ae* Pa Baltic amber
- † **Anniculus Petrunkevitch, 1942** **Palaeogene**
 1061. *Anniculus balticus* Petrunkevitch, 1942* Pa Baltic amber
- † **Eocydrele Petrunkevitch, 1958** **Palaeogene**
 1062. *Eocydrele mortua* Petrunkevitch, 1958* Pa Baltic amber
- † **Propago Petrunkevitch, 1963** **Neogene**
 1063. *Propago debilis* Petrunkevitch, 1963* Ne Chiapas amber
- † **Spinizodarion Wunderlich, 2004ae** **Palaeogene**
 1064. *Spinizodarion ananulum* Wunderlich, 2004ae* Pa Baltic amber
- † **Zodariodamus Wunderlich 2004ae** **Palaeogene**
 1065. *Zodariodamus recurvatus* Wunderlich 2004ae* Pa Baltic amber
- MARRONIDS**
- CHUMMIDAE Jocqué, 2001** **Recent**
 no fossil record
- AMAUROBIIDAE Thorell, 1870a** **Palaeogene – Recent**
 = CINIFLONIDAE Blackwall, 1841
 [partly also Dictynidae; based on a generic synonym]
 Amaurobiinae gen. et sp. indet. *in* Wunderlich (2004u) Pa Baltic amber
- “AGELENOMORPHA”**
 Agalenomorpha indet. *in* Wunderlich & Müller (2021) K Burmese amber

AGELENIDAE C. L. Koch, 1837	Palaeogene – Recent
= TEGENARIDAE Prach, 1860	
= † INCEPTORIDAE Petrunkevitch, 1942	
Agelena Walckenaer, 1805	Palaeogene – Recent
1066. <i>Agelena tabida</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
Histopona Thorell, 1869	Palaeogene – Recent
1067. ? <i>Histopona anthracina</i> Bertkau, 1878 <i>b</i>	Ne Rott, Germany
† Inceptor Petrunkevitch, 1942	Palaeogene
1068. <i>Inceptor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
1069. <i>Inceptor dubius</i> Petrunkevitch, 1946	Pa Baltic amber
Tegenaria Latreille, 1804a	Palaeogene – Recent
1070. ? <i>Tegenaria fragmentum</i> Wunderlich, 2004 <i>w</i>	Pa Baltic amber
1071. <i>Tegenaria lacazei</i> Gourret, 1887	Pa Aix-en-Provence
1072. ? <i>Tegenaria obtusa</i> Wunderlich, 2004 <i>w</i>	Pa Baltic amber
DICTYNOIDEA O. P.-Cambridge, 1871	Palaeogene – Recent
Dictynoidea incertae sedis	
† Sinodictyna Hong, 1982	Palaeogene
1073. <i>Sinodictyna fushunensis</i> 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
1074. <i>Argyroneta aquatica</i> (Clerck, 1757) [Recent]	Qt England
1075. ? <i>Argyroneta longipes</i> Heer, 1865	Ne Öhningen
† Vectaraneus Selden, 2001	Palaeogene
1076. <i>Vectaraneus yulei</i> Selden, 2001*	Pa Bembridge Marls
HAHNIIDAE Bertkau, 1878a	Palaeogene – Recent
† Cymbiohahnia Wunderlich, 2004v	Palaeogene
1077. <i>Cymbiohahnia parens</i> Wunderlich, 2004 <i>v</i>	Pa Baltic, Bitterfeld & Rovno amber
† Eocryphoeca Petrunkevitch, 1958	Palaeogene
1078. <i>Eocryphoeca bitterfeldensis</i> Wunderlich, 2004 <i>v</i>	Pa Bitterfeld amber
1079. <i>Eocryphoeca duplex</i> Wunderlich, 2022 <i>a</i>	Pa Baltic amber
1080. <i>Eocryphoeca electrina</i> Wunderlich, 2004 <i>v</i>	Pa Baltic amber
1081. <i>Eocryphoeca falcata</i> Wunderlich, 2004 <i>v</i>	Pa Baltic amber
1082. <i>Eocryphoeca gibbifera</i> Wunderlich, 2004 <i>v</i>	Pa Baltic amber
1083. <i>Eocryphoeca gracilipes</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
1084. <i>Eocryphoeca ligula</i> Wunderlich, 2004 <i>v</i>	Pa Baltic amber
1085. <i>Eocryphoeca mammilla</i> Wunderlich, 2004 <i>v</i>	Pa Baltic amber
1086. <i>Eocryphoeca splendens</i> Wunderlich, 2004 <i>v</i>	Pa Baltic amber

<i>Eocryphoeca</i> sp. <i>in</i> Wunderlich (2004v)	Pa Baltic amber
† <i>Eocryphoecara</i> Wunderlich, 2004v	Palaeogene
1087. <i>Eocryphoecara abicera</i> Wunderlich, 2004v*	Pa Baltic amber
1088. <i>Eocryphoecara longtegap</i> Wunderlich, 2022	Pa Baltic amber
† <i>Eohahnia</i> Petrunkevitch, 1958	Palaeogene
1089. <i>Eohahnia succini</i> Petrunkevitch, 1958*	Pa Baltic amber
† <i>Protohahnia</i> Wunderlich, 2004v	Palaeogene
1090. <i>Protohahnia antiqua</i> Wunderlich, 2004v*	Pa Baltic amber
1091. <i>Protohahnia tripartita</i> Wunderlich, 2004v	Pa Baltic amber
genus uncertain	
1092. ' <i>Tegenaria</i> ' <i>obscura</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
DICTYNIDAE O. P.-Cambridge, 1871	?Palaeogene – Recent
= RHIOIDAE Thorell, 1873	
= † ARTHRODICTYNIDAE Petrunkevitch, 1942	
Dictynidae sp. 1–2 <i>in</i> Wunderlich (2004v)	Pa Baltic amber
Dictynidae sp. 1–5 <i>in</i> Wunderlich (2008d)	K Burmese amber
Dictyninae indet <i>in</i> Wunderlich (2012b)	Pa Rovno amber
Wunderlich & Müller (2021) questioned the validity of all the Cretaceous dictynids	
<i>Argenna</i> Thorell, 1870a	Neogene – Recent
1093. <i>Argenna fossilis</i> Petrunkevitch <i>in</i> Palmer, 1957	Ne Mojave Desert
† <i>Balticocryphoeca</i> Wunderlich, 2004v	Palaeogene
1094. <i>Balticocryphoeca curvitorsis</i> Wunderlich, 2004v*	Pa Baltic / Bitt. amber
† <i>Brommellina</i> Wunderlich, 2004v	Palaeogene
1095. <i>Brommellina longungulae</i> Wunderlich, 2004v*	Pa Baltic amber
† <i>Chelicirrum</i> Wunderlich, 2004v	Palaeogene
1096. <i>Chelicirrum stridulans</i> Wunderlich, 2004v*	Pa Baltic amber
† <i>Cryphoezaga</i> Wunderlich, 2004v	Palaeogene
1097. <i>Cryphoezaga dubia</i> Wunderlich, 2004v*	Pa Baltic amber
<i>Dictyna</i> Sundevall, 1833	Quaternary – Recent
1098. <i>Dictyna rufa</i> Wunderlich, 2012a	Qt Madagascan copal
† <i>Eobrommella</i> Wunderlich, 2004v	Palaeogene
1099. <i>Eobrommella scutata</i> Wunderlich, 2004v*	Pa Baltic amber
† <i>Eodictyna</i> Wunderlich, 2004v	Palaeogene
1100. <i>Eodictyna communis</i> Wunderlich, 2004v*	Pa Baltic amber
† <i>Eolathys</i> Petrunkevitch, 1950	Palaeogene
1101. <i>Eolathys debilis</i> Petrunkevitch, 1950	Pa Baltic amber
1102. <i>Eolathys succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† <i>Flagelldictyna</i> Wunderlich, 2012a	Quaternary
1103. <i>Flagelldictyna copalis</i> Wunderlich, 2012a*	Qt Madagascar copal
† <i>Gibbermastigusa</i> Wunderlich, 2004v	Palaeogene
1104. <i>Gibbermastigusa lateralis</i> Wunderlich, 2004v*	Pa Baltic amber

† <i>Hispaniolyna</i> Wunderlich, 1988	Neogene
1105. <i>Hispaniolyna hirsuta</i> Wunderlich, 1988	Ne Dominican amber
1106. <i>Hispaniolyna magna</i> Wunderlich, 1988*	Ne Dominican amber
† <i>Mastigusa</i> Menge in C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Eotetrilus</i> Wunderlich, 1982 [<i>nomen nudum</i>]	
1107. <i>Mastigusa acuminata</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
1108. <i>Mastigusa arcuata</i> Wunderlich, 2004v	Pa Baltic amber
1109. <i>Mastigusa bitterfeldensis</i> Wunderlich, 2004v	Pa Bitterfeld amber
1110. <i>Mastigusa laticymbium</i> Wunderlich, 2004v	Pa Baltic amber
1111. <i>Mastigusa magnibulbus</i> Wunderlich, 2004v	Pa Bitterfeld amber
1112. <i>Mastigusa media</i> Wunderlich, 1986	Pa Baltic amber
1113. <i>Mastigusa modesta</i> Wunderlich, 1986	Pa Baltic amber
1114. <i>Mastigusa scutata</i> Wunderlich, 2004v	Pa Baltic amber
<i>Mastigusa</i> sp. in Wunderlich (2004v)	Pa Baltic amber
† <i>Mizagalla</i> Wunderlich, 2004v	Palaeogene
1115. <i>Mizagalla quattuor</i> Wunderlich, 2004v*	Pa Baltic amber
1116. <i>Mizagalla tuberculata</i> Wunderlich, 2004v	Pa Baltic amber
† <i>Palaeodictyna</i> Wunderlich, 1988	Neogene
1117. <i>Palaeodictyna intermedia</i> Wunderlich, 1988	Ne Dominican amber
1118. <i>Palaeodictyna longispina</i> Wunderlich, 1988	Ne Dominican amber
1119. <i>Palaeodictyna singularis</i> Wunderlich, 1988	Ne Dominican amber
1120. <i>Palaeodictyna spiculum</i> Wunderlich, 1988	Ne Dominican amber
1121. <i>Palaeodictyna termitophila</i> Wunderlich, 1988*	Ne Dominican amber
1122. <i>Palaeodictyna unispina</i> Wunderlich, 1988	Ne Dominican amber
† <i>Palaeolathys</i> Wunderlich, 1986	Neogene
1123. <i>Palaeolathys circumductus</i> Wunderlich, 1988	Ne Dominican amber
1124. <i>Palaeolathys copalis</i> Wunderlich, 1986	Qt Dominican copal
1125. <i>Palaeolathys quadruplex</i> Wunderlich, 1988	Ne Dominican amber
1126. <i>Palaeolathys similis</i> Wunderlich, 1988	Ne Dominican amber
1127. <i>Palaeolathys spinosa</i> Wunderlich, 1986*	Ne Dominican amber
<i>Palaeolathys</i> sp. in Wunderlich (1988)	Ne Dominican amber
† <i>Protomastigusa</i> Wunderlich, 2004v	Palaeogene
1128. <i>Protomastigusa composita</i> Wunderlich, 2004v	Pa Baltic amber
† <i>Scopulyna</i> Wunderlich, 2004v	Palaeogene
1129. <i>Scopulyna cursor</i> Wunderlich, 2004v	Pa Baltic amber
† <i>Succinya</i> Wunderlich, 1988	Neogene
1130. <i>Succinya longembolus</i> Wunderlich, 1988	Ne Dominican amber
1131. <i>Succinya pulcher</i> Wunderlich, 1988*	Ne Dominican amber
1132. <i>Succinya spinipalpus</i> Wunderlich, 1988	Ne Dominican amber
<i>Thallumetus</i> Simon, 1892b	Quaternary – Recent
1133. <i>Thallumetus copalis</i> Wunderlich, 2004at	Qt Colombian copal

- CYCLOCTENIDAE Simon, 1898a** **Recent**
no fossil record
- STIPHIDIIDAE Dalmas, 1917** **Recent**
no fossil record
- DESIDAE Pocock, 1895** **Palaeogene – Recent**
Myro O. P.-Cambridge, 1876 **Palaeogene – Recent**
1134. *Myro extinctus* Petrunkevitch, 1958 [belongs in Dictynidae?] Pa Baltic amber
1135. *Myro hirsutus* Petrunkevitch, 1942 Pa Baltic amber
- AMPHINECTIDAE Forster & Wilton, 1973** **Recent**
= NEOLANIDAE Forster & Wilton, 1973
no fossil record
- SPARASSIDAE Bertkau, 1872** **Palaeogene – Recent**
= HETEROPODIDAE Thorell, 1873
= MICROMMATIDAE Bertkau, 1878a
= EUSPARASSIDAE Järvi, 1912
Sparassidae sp. 1–2 *in* (Wunderlich 2008c) Pa Baltic amber
- † **Caduceator Petrunkevitch, 1942** **Palaeogene**
1136. *Caduceator quadrimaculatus* Petrunkevitch, 1950 Pa Baltic amber
- Eusparassus Simon 1903** **Palaeogene – Recent**
1137. *Eusparassus crassipes* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- Heteropoda Latreille, 1804a** **Palaeogene – Recent**
= † *Retina* Hong, 1985
1138. *Heteropoda rpbusta* [*sic*] (Hong, 1985) Ne Shanwang
as '*H. robusta*' this would be a junior homonym of a living species.
- Pseudosparianthis Simon, 1887** **Neogene – Recent**
1139. *Pseudosparianthis pfeifferi* (Wunderlich, 1988) Ne Dominican amber
- Zachria L. Koch, 1875** **Palaeogene – Recent**
an Australian genus; Wunderlich (2012c) regarded *Z. desiderabilis* as gen. indet. and Wunderlich (2022a) also questioned amber taxa assigned to this genus
1140. *Zachria desiderabilis* Petrunkevitch, 1950 Pa Baltic amber
- HOMALONYCHIDAE Simon, 1893** **Recent**
no fossil record
- OVAL CALAMISTRUM CLADE**
- UDUBIDAE Griswold & Polotow, 2015** **Recent**
no fossil record

ZOROPSIDAE Bertkau, 1882	Palaeogene – Recent
= ZOROCRATIDAE Dahl, 1913	
= TENGELLIDAE Dahl, 1908	
Zoropsidae sp. <i>in</i> Wunderlich (2004x)	Pa Baltic / Bitt. Amber
† Cymbioropsis Wunderlich, 2017a	Palaeogene
1141. <i>Cymbioropsis palpussutura</i> Wunderlich, 2017a*	Pa Baltic amber
† Eomatachia Petrunkevitch, 1942	Palaeogene
1142. <i>Eomatachia barbarus</i> Wunderlich, 2004x	Pa Baltic amber
1143. <i>Eomatachia bipartita</i> Wunderlich, 2004x	Pa Baltic amber
1144. <i>Eomatachia divergens</i> Wunderlich, 2004x	Pa Baltic amber
1145. <i>Eomatachia duplex</i> Wunderlich, 2004x	Pa Baltic amber
1146. <i>Eomatachia latifrons</i> Petrunkevitch, 1942*	Pa Baltic amber
1147. <i>Eomatachia recedens</i> Wunderlich, 2004x	Pa Baltic amber
1148. <i>Eomatachia succini</i> (Petrunkevitch, 1942)	Pa Baltic amber
1149. <i>Eomatachia wegneri</i> Wunderlich, 2004x	Pa Baltic amber
1150. <i>Eomatachia xanthippe</i> Wunderlich, 2004x	Pa Baltic amber
† Eoprychia Petrunkevitch, 1958	Palaeogene
1151. <i>Eoprychia clara</i> Wunderlich, 2017a	Pa Baltic amber
1152. <i>Eoprychia succini</i> Petrunkevitch, 1958*	Pa Baltic amber
1153. <i>Eoprychia succinopsis</i> Wunderlich, 2004x	Pa Baltic amber
1154. <i>Eoprychia vicina</i> Wunderlich, 2004x	Pa Baltic amber
<i>Eoprychia</i> sp. <i>in</i> Wunderlich (2004x)	?Pa not specified
† Eotrechalea Wunderlich, 2004aa	Palaeogene
Transferred to Zoropsidae s.l. by Wunderlich (2022a)	
1155. <i>Eotrechalea annulata</i> Wunderlich, 2004aa*	Pa Baltic amber
1156. <i>Eotrechalea darrellubicki</i> Wunderlich, 2022a	Pa Baltic amber
† Pseudoeoprychia Wunderlich, 2017a	Palaeogene
1157. <i>Pseudoeoprychia triplex</i> Wunderlich, 2017a*	Pa Baltic amber
† Succiniropsis Wunderlich, 2004x	Palaeogene
1158. <i>Succiniropsis kutscheri</i> Wunderlich, 2004x*	Pa Baltic / Bitt. amber
1159. <i>Succiniropsis runcinata</i> Wunderlich, 2012c	Pa Baltic amber
1160. <i>Succiniropsis samlandica</i> Wunderlich, 2004x	Pa Baltic amber
† INSECUTORIDAE Petrunkevitch, 1942	Palaeogene
† Insecutor Petrunkevitch, 1942	Palaeogene
1161. <i>Insecutor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
1162. <i>Insecutor mandibulatus</i> Petrunkevitch, 1942	Pa Baltic amber
1163. ? <i>Insecutor pecten</i> Wunderlich, 2004y	Pa Baltic amber
1164. <i>Insecutor rufus</i> Petrunkevitch, 1942	Pa Baltic amber
1165. ? <i>Insecutor spinifer</i> Wunderlich, 2004y	Pa Baltic amber
? <i>Insecutor</i> sp. <i>in</i> Wunderlich (2004y)	Pa Baltic amber

† SUCCINOMIDAE Wunderlich, 2012c	Palaeogene
† <i>Eohalinobius</i> Wunderlich, 2008c	Palaeogene
1166. <i>Eohalinobius calefactus</i> Wunderlich, 2012c	Pa Baltic amber
1167. <i>Eohalinobius hiddenseensis</i> Wunderlich, 2012c	Pa Baltic amber
1168. <i>Eohalinobius patina</i> Wunderlich, 2012c	Pa Baltic amber
1169. <i>Eohalinobius scutatus</i> Wunderlich, 2008c	Pa Baltic amber
† <i>Succinomus</i> Wunderlich, 2008c	Palaeogene
1170. <i>Succinomus duomammillae</i> Wunderlich, 2008c	Pa Baltic amber
1171. ? <i>Succinomus gibbosus</i> Wunderlich, 2012c	Pa Baltic amber
CTENIDAE Keyserling, 1877	Neogene – Recent
= ACANTHOCTENIDAE Simon, 1892b	
† <i>Nanoctenus</i> Wunderlich, 1988	Neogene
1172. <i>Nanoctenus longipes</i> Wunderlich, 1988*	Ne Dominican amber
SENOCULIDAE Simon, 1890	Recent
= NEOTHEREUTOIDAE Holmberg, 1883 [based on a generic synonym]	
no fossil record	
OXYOPIIDAE Thorell, 1870a	Palaeogene – Recent
= SPHASIDAE O. P.-Cambridge, 1871	
= HAMATALIVIDAE Marx, 1890b	
<i>Oxyopidae</i> sp. <i>in</i> Wunderlich 2004ab	Pa Bitterfeld amber
<i>Oxyopes</i> Latreille, 1804a	Palaeogene – Recent
1173. <i>Oxyopes defectus</i> Wunderlich, 1988	Ne Dominican amber
1174. ' <i>Oxyopes</i> ' <i>succini</i> Petrunkevitch, 1958	Pa Baltic amber
<i>Oxyopes</i> sp. <i>in</i> Wunderlich (1988, 2004ab)	Ne Dominican amber
† <i>Planoxyopes</i> Petrunkevitch, 1963	Neogene
1175. <i>Planoxyopes eximius</i> Petrunkevitch, 1963*	Ne Chiapas amber
i.= <i>Planoxyopes fossilis</i> Wunderlich, 1988 [<i>lapsus</i>]	Ne Chiapas amber
PISAURIDAE Simon, 1890	Palaeogene – Recent
= BRADYSTICHIDAE Simon, 1884	
= DOLOMEDIDAE Simon, 1898a	
= HALIDAE Jocqué, 1994	
<i>Pisauridae</i> sp. <i>in</i> Wunderlich (1988)	Pa Dominican amber
<i>Pisauridae</i> sp. <i>in</i> Wunderlich (2004z)	Pa Baltic amber
<i>Dolomedes</i> Latreille, 1804a	Quaternary – Recent
1176. <i>Dolomedes fimbriatus</i> (Clerck, 1757) [Recent]	Qt England
† <i>Palaeoperenethis</i> Selden & Penney, 2009	Palaeogene
1177. <i>Palaeoperenethis thaleri</i> Selden & Penney, 2009*	Pa British Columbia
TRECHALEIDAE Simon, 1890	Palaeogene – Recent

Wunderlich (2022a) suggested that this family may not actually be present in Baltic amber

= TRICLARIDAE O. P.-Cambridge, 1877 [*nomen oblitum*]

= PERISSOBLEMMATIDAE O. P.-Cambridge, 1882b [based on a synonym]

- Trechaleidae sp. *in* Wunderlich (2004aa) Pa Baltic amber
- † ***Linoptes* Menge in C. L. Koch & Berendt, 1854** **Palaeogene**
1178. ?'*Linoptes*' *oculeus* Menge *in* C. L. Koch & Berendt, 1854* Pa Baltic amber
- ?'*Linoptes*' sp. 1–8 *in* Wunderlich (2004z) Pa Baltic amber
- Linoptes* mentioned as a *nomen nudum* by Wunderlich (2004z); this species listed by Wunderlich (2004aa) under Trechaleidae and another species under Pisauridae (see below)
- 'LYCOSOIDEA' Sundevall, 1833** **Cretaceous – Recent**
- † ***Korearachne* Selden, Nam, Kim & Kim, 2012** **Cretaceous**
1179. *Korearachne jinju* Selden, Nam, Kim & Kim, 2012* K Sacheon, S. Korea
- tentative assignment to Lycosoidea; disputed by Wunderlich (2012d) who suggested it could be a haplogyne spider in Pholcoidea or Leptonetoidea
- LYCOSIDAE Sundevall, 1833** **?Cretaceous – Recent**
- Lycosidae gen. et sp. *in* Bottali (1975) Qt Italy
- Lycosidae gen. et sp. *in* Schawaller (1982d) Ne Willershausen
- Lycosidae gen. et sp. *in* Penney (2001) Ne Dominican amber
- Lycosidae gen. et sp. *in* Kim & Nam (2012) [unreliable record !] K Lioyuan, China
- Alopecosa* Simon, 1885b** **Quaternary – Recent**
1180. *Alopecosa* ?*pulverulenta* (Clerck, 1757) [**Recent**] Qt England
- † ***Dryadia* Zhang, Sun & Zhang, 1994** **Palaeogene**
1181. *Dryadia acanthopoda* Zhang, Sun & Zhang, 1994 Ne Shanwang
- Lycosa* Latreille, 1804a** **Palaeogene – Recent**
1182. *Lycosa florissantii* Petrunkevitch, 1922 Pa Florissant
1183. *Lycosa lithographica* Schawaller & Ono, 1979 Ne Randecker Maar
1184. *Lycosa malleata* Zhang, Sun & Zhang, 1994 Ne Shanwang
1185. *Lycosa miocaena* Schawaller & Ono, 1979 Ne Randecker Maar
1186. *Lycosa subterranea* Zhang, Sun & Zhang, 1994 Ne Shanwang
- Pardosa* C. L. Koch, 1847** **Quaternary – Recent**
1187. *Pardosa pullata* (Clerck, 1757) [**Recent**] Qt England
- Pardosa* sp. *in* Scott (2003) Qt England
- Pirata* Sundevall, 1833** **Quaternary – Recent**
1188. *Pirata* ?*piraticus* (Clerck, 1757) [**Recent**] Qt England
- Trochosa* C. L. Koch, 1847** **Quaternary – Recent**
1189. *Trochosa terricola* Thorell, 1856 [**Recent**] Qt England
- † **PARATTIDAE Petrunkevitch, 1922** **Palaeogene**
- † ***Parattus* Petrunkevitch, 1922** **Palaeogene**
1190. *Parattus evocatus* (Scudder, 1890a) Pa Florissant
1191. *Parattus latitatus* (Scudder, 1890a) Pa Florissant

1192. <i>Parattus oculatus</i> Petrunkevitch, 1922	Pa Florissant
1193. <i>Parattus resurrectus</i> (Scudder, 1890a)*	Pa Florissant
PSECHRIDAE Simon, 1890	Recent
no fossil record	
THOMISIDAE Sundevall, 1833	Palaeogene – Recent
= APHANTOCHILIDAE Thorell, 1873	
= MISUMENIDAE Thorell, 1887	
= STIPHROPODIDAE Simon, 1895	
= XYSTICIDAE Dahl, 1912	
= BORBOROPACTIDAE Wunderlich, 2004ao	
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 (1982d)	Ne Willershausen
Thomisidae gen. et sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Thomisidae gen. et sp. 1–2 <i>in</i> Wunderlich (2004ap)	Pa Baltic amber
Thomisidae gen. et sp. <i>in</i> Garcíá-Villafuerte (2006b)	Ne Chiapas amber
Thomisidae <i>incertae sedis in</i> Selden & Wang (2014)	Pa Green River
Coriarachne Thorell, 1870b	Quaternary – Recent
<i>Coriarachne</i> sp. <i>in</i> Cutler (1970)	Qt Wyoming
† Ecotona Lin, Zhang & Wang, 1989 [ex Araneidae]	Neogene
1194. <i>Ecotona brunnea</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1195. <i>Ecotona pilulifera</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1196. <i>Ecotona transipeda</i> Lin, Zhang & Wang, 1989*	Ne Shanwang
† Facundia Petrunkevitch, 1942	Palaeogene
1197. <i>Facundia clara</i> Petrunkevitch, 1942*	Pa Baltic amber
† Heterotmarus Wunderlich, 1988	Neogene
1198. <i>Heterotmarus altus</i> Wunderlich, 1988*	Ne Dominican amber
† Komisumena Ono, 1981	Neogene
1199. <i>Komisumena rosae</i> Ono, 1981*	Ne Dominican amber
† Miothomismus Zhang, Sun & Zhang, 1994	Neogene
1200. <i>Miothomismus subnudus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1201. <i>Miothomismus sylvaticus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
† Palaeoxysticus Wunderlich, 1985	Neogene
1202. <i>Palaeoxysticus extinctus</i> Wunderlich, 1985	Ne Randecker Maar
† Parvulus Zhang, Sun & Zhang, 1994	Neogene
1203. <i>Parvulus latissimus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
† Succinaenigma Wunderlich, 2004ap	Palaeogene
1204. <i>Succinaenigma raptor</i> Wunderlich, 2004ap*	Pa Baltic amber
† Succiniraptor Wunderlich, 2004ao	Palaeogene
1205. <i>Succiniraptor radiatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber

- i. = *Succiniraptor paradoxus* Wunderlich, 2004ao* Pa Baltic amber
- Synema Simon, 1864** **Palaeogene – Recent**
1206. *Synema enigmaticum* Berland, 1939 Pa Aix-en-Provence
- † **Syphax C. L. Koch & Berendt, 1854** **Palaeogene**
1207. *Syphax megacephalus* C. L. Koch & Berendt, 1854* Pa Baltic amber
- ii. = *Syphax asper* Petrunkevitch, 1950 Pa Baltic amber
- iii. = *Syphax crassipes* Petrunkevitch, 1942..... Pa Baltic amber
- iv. = *Syphax fuliginosus* C. L. Koch & Berendt, 1854 Pa Baltic amber
- v. = *Syphax gracilis* C. L. Koch & Berendt, 1854 Pa Baltic amber
- vi. = *Syphax thoracicus* C. L. Koch & Berendt, 1854 Pa Baltic amber
1208. *Syphax secedens* Wunderlich, 2015a Pa Baltic amber
- † **Thomisidites Straus, 1967** **Neogene**
1209. *Thomisidites hercynicus* Straus, 1967* Ne Willershausen
- † **Thomisiraptor Wunderlich, 2004ap** **Palaeogene**
1210. *Thomisiraptor liedtkei* Wunderlich, 2004ap* Pa Baltic amber
- Thomisus Walckenaer, 1805** **Palaeogene – Recent**
1211. *Thomisiraptor liedtkei* Wunderlich, 2004ap* Pa Baltic amber
1212. *Thomisus defossus* Scudder, 1890a Pa Florissant
1213. *Thomisus disjunctus* Scudder, 1890a Pa Florissant
1214. *Thomisus lividus* Heer, 1865 Ne Öhningen
1215. *Thomisus resutus* Scudder, 1890a Pa Florissant
1216. *Thomisus sulzeri* Heer, 1865 Ne Öhningen
- Xysticus C. L. Koch, 1835** **Palaeogene – Recent**
1217. ?*Xysticus annulipes* Bertkau, 1878b Ne Rott, Germany
1218. *Xysticus archaeopalpus* Leech & Matthews, 1971 Ne Alaska
1219. *Xysticus oeningensis* (Heer, 1865) Ne Öhningen
- Xysticus* sp. in Protescu (1937) Pa Romanian amber
- PRODIDOMIDAE Simon, 1884a** **Quaternary – Recent**
- = MILTIIDAE Thorell, 1873 [based on a generic synonym]
- Prodidomus Hentz, 1847** **Quaternary – Recent**
1220. *Prodidomus madagascariensis* Wunderlich, 2011c..... Qt Madagascar copal
- DIONYCHA Petrunkevitch, 1928**
- “Thomisiformes” gen et. sp. 1 in Marusik *et al.* (2018) Pa Sakhalinian amber
- TROCHANTERIIDAE Karsch, 1879** **Palaeogene – Recent**
- = PLATORIDAE Simon, 1890
- † **Balticososybius Penney, 2020** **Palaeogene**
- = † *Adamator* Petrunkevitch, 1942
- = † *Adjunctor* Petrunkevitch, 1942
- = † *Adulatrix* Petrunkevitch, 1942

The type species of *Sosybius* C. L. Koch & Berendt, 1854 was designated a *nomen dubium* by Penney (2020), necessitating the erection of a new name based using Wunderlich's species *mizgirisi* as the type.

1221. <i>Balticososybius berendti</i> (Wunderlich, 2004am)	Pa Baltic amber
1222. <i>Balticososybius falcatus</i> (Wunderlich, 2004am)	Pa Baltic amber
1223. <i>Balticososybius kochi</i> (Wunderlich, 2004am)	Pa Baltic amber
1224. <i>Balticososybius lateralis</i> (Wunderlich, 2004am)	Pa Baltic amber
1225. <i>Balticososybius longipes</i> (Wunderlich, 2004am)	Pa Baltic amber
1226. <i>Balticososybius mizgirisi</i> (Wunderlich, 2004am)*	Pa Baltic amber
1227. <i>Balticososybius perniciosus</i> (Wunderlich, 2004a)	Pa Baltic amber
1228. <i>Balticososybius tibialis</i> (Wunderlich, 2004am)	Pa Baltic amber
1229. <i>Balticososybius unispinosus</i> (Wunderlich, 2004am)	Pa Baltic amber
<i>Balticososybius</i> sp. [as <i>Sosybius</i> sp.] in Wunderlich (2004am, ar)	Pa Baltic / Rovno amber
† Eotrochanteria Wunderlich, 2004am	Palaeogene
1230. <i>Eotrochanteria kruegeri</i> Wunderlich, 2004am*	Pa Baltic amber
† Trochanteridromulus Wunderlich, 2004am	Palaeogene
1231. <i>Trochanteridromulus glabripes</i> Wunderlich, 2004am*	Pa Baltic amber
† Trochanteridromus Wunderlich, 2004am	Palaeogene
1232. <i>Trochanteridromus scutatus</i> Wunderlich, 2004am*	Pa Baltic amber
† Veterator Petrunkevitch, 1963	Neogene
1233. <i>Veterator angustus</i> Wunderlich, 1988	Ne Dominican amber
1234. <i>Veterator ascutum</i> Wunderlich, 1988	Ne Dominican amber
1235. <i>Veterator extinctus</i> Petrunkevitch, 1963*	Ne Chiapas amber
1236. <i>Veterator incompletus</i> Wunderlich, 1982	Ne Dominican amber
1237. <i>Veterator longipes</i> Wunderlich, 1988	Ne Dominican amber
1238. <i>Veterator loricatus</i> Wunderlich, 1988	Ne Dominican amber
1239. <i>Veterator porrectus</i> Wunderlich, 1988	Ne Dominican amber
1240. <i>Veterator viduus</i> Wunderlich, 1988	Ne Dominican amber
<i>Veterator</i> sp. 1–2 in Wunderlich (1988)	Ne Dominican amber

'CLUBIONOIDEA *incertae sedis*'

Wunderlich (2011d) proposed removing almost all the amber fossils from the clubionids *sensu stricto*. We follow this in part for the two genera below, but would prefer a more formal treatment before accepting all these transfers. In general the delimitation of even modern clubionids, and related forms, is problematic.

† Concursator Petrunkevitch, 1958	Palaeogene
1241. <i>Concursator nudipes</i> Petrunkevitch, 1958*	Pa Baltic amber
† Systariella Wunderlich, 2004af	Palaeogene
1242. <i>Systariella magnioculi</i> Wunderlich, 2004af*	Pa Baltic amber

CLUBIONIDAE Simon, 1895	Palaeogene – Recent
Clubionidae gen. et sp. in Nishikawa (1974)	Qt Mizunami copal
<i>Clubiona</i> Latreille, 1804a	Palaeogene – Recent

1243. <i>Clubiona arcana</i> Scudder, 1890a	Pa Florissant
1244. <i>Clubiona curvispinosa</i> Petrunkevitch, 1922	Pa Florissant
1245. <i>Clubiona florissanti</i> Petrunkevitch, 1922	Pa Florissant
† Desultor Petrunkevitch, 1942	Palaeogene
1246. <i>Desultor depressus</i> Petrunkevitch, 1942	Pa Baltic amber
Elaver O. P.-Cambridge, 1898	Neogene – Recent
1247. <i>Elaver nutua</i> (Wunderlich, 1988)	Ne Dominican amber
† Eobumbatrix Petrunkevitch, 1922	Palaeogene
1248. <i>Eobumbatrix latebrosa</i> (Scudder, 1890a)*	Pa Florissant
† Eodoter Petrunkevitch, 1958	Palaeogene
1249. <i>Eodoter eopala</i> Wunderlich, 2004af	Pa Baltic amber
1250. <i>Eodoter lonimammillae</i> Wunderlich, 2012c	Pa Baltic amber
1251. <i>Eodoter magnificus</i> Petrunkevitch, 1958*	Pa Baltic amber
1252. <i>Eodoter scutatus</i> Wunderlich, 2011d	Pa Baltic amber
1253. ? <i>Eodoter tibialis</i> Wunderlich, 2011d	Pa Baltic amber
† Eostentatrix Petrunkevitch, 1922	Palaeogene
1254. <i>Eostentatrix cockerelli</i> Petrunkevitch, 1922	Pa Florissant
1255. <i>Eostentatrix ostentata</i> (Scudder, 1890a)*	Pa Florissant
† Eoversatrix Petrunkevitch, 1922	Palaeogene
1256. <i>Eoversatrix eversa</i> (Scudder, 1890a)*	Pa Florissant
† Prosocer Petrunkevitch, 1963	Neogene
1257. <i>Prosocer mollis</i> Petrunkevitch, 1963*	Ne Chiapas amber
Clubionidae incertae sedis	
† Chiapasona Petrunkevitch, 1963	Neogene
1258. <i>Chiapasona defuncta</i> Petrunkevitch, 1963*	Ne Chiapas amber
ANYPHAENIDAE Bertkau, 1878a	Palaeogene – Recent
= AMAUROBIOIDIDAE Hickman, 1949	
Anyphaena Sundevall, 1833	Palaeogene – Recent
1259. ' <i>Anyphaena</i> ' <i>fuscata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
Anyphaenoides Berland, 1913	Neogene – Recent
1260. <i>Anyphaenoides bulla</i> (Wunderlich, 1988)	Ne Dominican amber
Lupettiana Brescovit, 1997	Neogene – Recent
1261. <i>Lupettiana ligula</i> (Wunderlich, 1988)	Ne Dominican amber
Wulfila O. P.-Cambridge, 1895	Neogene – Recent
1262. <i>Wulfila spinipes</i> Wunderlich, 1988	Ne Dominican amber
GALLIENIELLIDAE Millot, 1947	Recent
no fossil record	
LIOCRANIDAE Simon, 1897a	Palaeogene – Recent

?Liocranidae <i>in</i> Wunderlich (1988)	Ne Dominican amber
Apostenus Westring, 1851	Palaeogene – Recent
1263. <i>Apostenus arnoldorum</i> Wunderlich, 2004ag	Pa Baltic amber
1264. <i>Apostenus bigibber</i> Wunderlich, 2004ag	Pa Baltic / Bitt. amber
1265. <i>Apostenus spinimanus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Donuea Strand, 1932	Quaternary – Recent
1266. <i>Donuea collustrata</i> Bosselaers & Dierick, 2010 [Recent]	Qt – R Madagascar
† Palaeospinisoma Wunderlich, 2004ag	Palaeogene
1267. <i>Palaeospinisoma femoralis</i> Wunderlich, 2004ag*	Pa Baltic amber
TRACHELIDAE Simon, 1897	Neogene – Recent
Trachelas L. Koch, 1872	Neogene
1268. <i>Trachelas poinari</i> Penney, 2001	Ne Dominican amber
CITHAERONIDAE Simon, 1893	Recent
no fossil record	
PHRULITHIDAE Banks, 1892	Palaeogene – Recent
Penney (2020) regarded three previous fossil species assigned to this family as <i>nomina dubia</i> (see below)	
† Eomazax Petrunkevitch, 1958	Palaeogene
1269. <i>Eomazax pulcher</i> Petrunkevitch, 1958*	Pa Baltic amber
† Laccolithus Petrunkevitch, 1958	Palaeogene
Penney (2020) regarded all fossil <i>Phrulithus</i> species as <i>nomina dubia</i> , but Wunderlich recognised <i>Laccolithus</i> as a valid subgenus, promoted it to genus and added a second species	
1270. <i>Laccolithus extinctus</i> Petrunkevitch, 1958*	Pa Baltic amber
1271. <i>Laccolithus petrunkevitchi</i> Wunderlich, 2022a	Pa Baltic amber
† EPHALMATORIDAE Petrunkevitch, 1950	Palaeogene
† Ephalmator Petrunkevitch, 1950	Palaeogene
1272. <i>Ephalmator bitterfeldensis</i> Wunderlich, 2004ad	Pa Bitterfeld amber
1273. <i>Ephalmator calidus</i> Wunderlich, 2004ad	Pa Baltic amber
1274. <i>Ephalmator debilis</i> Wunderlich, 2004ad	Pa Baltic amber
1275. <i>Ephalmator distinctus</i> Wunderlich, 2004ad	Pa Baltic amber
1276. <i>Ephalmator ellwangeri</i> Wunderlich, 2004ad	Pa Baltic amber
1277. <i>Ephalmator fossilis</i> Petrunkevitch, 1950*	Pa Baltic amber
1278. <i>Ephalmator kerneggeri</i> Wunderlich, 2004ad	Pa Baltic amber
1279. <i>Ephalmator petrunkevitchi</i> Wunderlich, 2004ad	Pa Baltic amber
1280. <i>Ephalmator ruthildae</i> Wunderlich, 2004ad	Pa Baltic amber
1281. <i>Ephalmator tredecim</i> Wunderlich, 2012c	Pa Baltic amber
1282. <i>Ephalmator trudis</i> Wunderlich, 2004ad	Pa Baltic amber
1283. <i>Ephalmator turpiculus</i> Wunderlich, 2004ad	Pa Baltic amber
<i>Ephalmator</i> sp. <i>in</i> Wunderlich (2004ad)	Pa Baltic amber

AMMOXENIDAE Simon, 1893	Recent
no fossil record	
LAMPONIDAE Simon, 1893	Recent
no fossil record	
GNAPHOSIDAE Pocock, 1898	?Cretaceous – Recent
= DRASSIDAE Sundevall, 1833 [based on a generic synonym]	
† Captrix Petrunkevitch, 1942	Palaeogene
1284. <i>Captrix lineata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
Drassodes Westring, 1851	Palaeogene – Recent
1285. <i>Drassodes cupreus</i> (Blackwall, 1834a) [Recent]	Qt England
1286. ? <i>Drassodes femurus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
1287. ? <i>Drassodes sextii</i> Berland, 1939	Pa Aix-en-Provence
† Drassyllinus Wunderlich, 1988	Neogene
1288. <i>Drassyllinus aliter</i> Wunderlich, 1988*	Ne Dominican amber
† Eognaphosops Wunderlich, 2011b	Palaeogene
1289. <i>Eognaphosops cryptoplanoides</i> Wunderlich 2011b*	Pa Baltic amber
† Eomactator Petrunkevitch, 1958	Palaeogene
1290. <i>Eomactator hamatus</i> Wunderlich, 2011b	Pa Baltic amber
1291. <i>Eomactator hirsutipes</i> Wunderlich, 2011b	Pa Baltic amber
1292. <i>Eomactator mactatus</i> Petrunkevitch, 1958*	Pa Baltic amber
1293. <i>Eomactator obscurior</i> Wunderlich, 2011b	Pa Baltic amber
Gnaphosa Latreille, 1804a	?Cretaceous – Recent
1294. <i>Gnaphosa affinis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Philodromus dubius</i> C. L. Koch & Berendt, 1854	
1295. <i>Gnaphosa ambigua</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1296. <i>Gnaphosa liaoningensis</i> Chang, 2004 [generic assignment unreliable!]K	Jehol biota
Micaria Westring, 1851	Palaeogene – Recent
1297. <i>Micaria tenella</i> Heer, 1865	Ne Öhningen
† Palaeodrassus Petrunkevitch, 1922	Palaeogene
1298. <i>Palaeodrassus cockerelli</i> Petrunkevitch, 1922	Pa Florissant
1299. <i>Palaeodrassus florissantii</i> Petrunkevitch, 1922	Pa Florissant
1300. <i>Palaeodrassus hesternus</i> (Scudder, 1890a)	Pa Florissant
1301. <i>Palaeodrassus ingenuus</i> (Scudder, 1890a)*	Pa Florissant
1302. <i>Palaeodrassus interitus</i> (Scudder, 1890a)	Pa Florissant
Scopoides Platnick, 1989	Palaeogene – Recent
1303. <i>Scopoides dominicanus</i> Wunderlich, 2011g	Ne Dominican amber
Zelotes Gistel, 1848	Palaeogene
1304. <i>Zelotes concinna</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1305. <i>Zelotes mundula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic ambe

- i. = *Melanophora nobilis* C. L. Koch & Berendt,
1854 Pa Baltic amber
1306. *Zelotes regalis* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † ***Zelotetis* Wunderlich, 2011b** **Palaeogene**
1307. *Zelotetis calefacta* Wunderlich, 2011b Pa Baltic amber
- CORINNIDAE Karsch, 1880a** **Palaeogene – Recent**
- = MYRMECIIDAE C. L. Koch, 1851 [name already used for ants]
- extinct genera were not considered in the otherwise comprehensive revision of Ramírez (2014),
some fossil corinnids may now belong in other families
- † ***Ablator* Petrunkevitch, 1942** **Palaeogene**
- = † *Abligurator* Petrunkevitch, 1942
- = † *Eoathanatus* Petrunkevitch, 1950
1308. *Ablator biguttatus* Wunderlich, 2004ah Pa Baltic amber
1309. *Ablator curvatus* Wunderlich, 2004ah Pa Baltic amber
1310. *Ablator deminuens* Wunderlich, 2004ah Pa Baltic amber
1311. *Ablator depressus* Wunderlich, 2004ah Pa Baltic amber
1312. *Ablator diritatis* (Petrunkevitch, 1950) Pa Baltic amber
1313. *Ablator duomammillae* Wunderlich, 2004ah Pa Baltic amber
1314. *Ablator felix* (Petrunkevitch, 1958) Pa Baltic amber
1315. *Ablator inevolvens* Wunderlich, 2004ah Pa Baltic amber
1316. *Ablator longus* Wunderlich, 2004ah Pa Baltic amber
1317. *Ablator nonguttatus* Wunderlich, 2004ah Pa Baltic amber
1318. *Ablator parvus* Wunderlich, 2004ah Pa Baltic amber
1319. *Ablator robustus* Wunderlich, 2004ah Pa Baltic amber
1320. *Ablator scutatus* Wunderlich, 2004ah Pa Baltic amber
1321. *Ablator splendens* Wunderlich, 2004ah Pa Baltic amber
1322. *Ablator triguttatus* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
- i. = *Philodromus microcephalus* C. L. Koch & B., 1854 Pa Baltic amber
- ii. = *Philodromus squamiger* C. L. Koch & Berendt, 1854 Pa Baltic amber
- iii. = *Abligurator niger* Petrunkevitch, 1942 Pa Baltic amber
- † ***Alterphrurolithus* Wunderlich, 2004ah** **Palaeogene**
1323. *Alterphrurolithus longipes* Wunderlich, 2004ah Pa Baltic amber
- Castianeira* Keyserling, 1880b** **Neogene – Recent**
1324. *Castianeira tenebricosa* Wunderlich, 1988 Ne Dominican amber
- † ***Chemmisomma* Wunderlich, 1988** **Neogene**
1325. *Chemmisomma dubia* Wunderlich, 1988* Ne Dominican amber
- Corinna* C. L. Koch, 1842a** **Neogene – Recent**
1326. *Corinna flagelliformis* Wunderlich, 1988 Ne Dominican amber
- † ***Cornucymbium* Wunderlich, 2004ah** **Palaeogene**
1327. *Cornucymbium insolens* Wunderlich, 2004ah* Pa Baltic amber
- † ***Cryptoplanus* Petrunkevitch, 1958** **Palaeogene**

1328. <i>Cryptoplanus bulbosus</i> Wunderlich, 2004ah	Pa Baltic amber
1329. <i>Cryptoplanus complicatus</i> Wunderlich, 2004ah	Pa Baltic amber
1330. <i>Cryptoplanus incidens</i> Wunderlich, 2004ah	Pa Baltic amber
1331. <i>Cryptoplanus lanatus</i> (Petrunkevitch, 1958)	Pa Baltic amber
1332. <i>Cryptoplanus paradoxus</i> Petrunkevitch, 1958*	Pa Baltic amber
1333. <i>Cryptoplanus sericatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1334. <i>Cryptoplanus sinuosus</i> Wunderlich, 2004ah	Pa Baltic amber
<i>Cryptoplanus</i> sp. in Wunderlich (2004ah)	Pa Baltic amber
Megalostrata Karsch, 1880a	Neogene – Recent
1335. <i>Megalostrata grandis</i> Wunderlich, 1988	Ne Dominican amber
† Myrmecorinna Wunderlich, 2004ah	Palaeogene
1336. <i>Myrmecorinna procera</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Myrmecorinna gracilis</i> Wunderlich, 2004ah*	Pa Baltic amber
† Palpiraptor Wunderlich, 2011f	Quaternary
1337. <i>Palpiraptor myrmarachnoides</i> Wunderlich, 2011f*	Qt Madagascar copal
† Protoorthobula Wunderlich, 2004ah	Palaeogene
1338. <i>Protoorthobula bifida</i> Wunderlich, 2004ah*	Pa Baltic amber
1339. <i>Protoorthobula deelemani</i> Wunderlich, 2004ah	Pa Baltic / Bitt. Amber
VIRIDASIIDAE Lehtinen, 1967	Recent
No fossil record	
SELENOPIIDAE Simon, 1897a	Palaeogene – Recent
<i>Selenopidae incertae sedis</i> in Selden & Wang (2014)	Pa Baltic amber
† Garcorops Corronca, 2003	Quaternary – Recent
1340. <i>Garcorops jadis</i> Bosselaers, 2004	Qt Madagascar copal
i.= ? <i>Anyphops cortex</i> Wunderlich, 2004as	Qt Madagascar copal
Selenops Latreille, 1819	Palaeogene – Recent
1341. <i>Selenops benoiti</i> Wunderlich, 2004as	Qt Madagascar copal
1342. <i>Selenops beynai</i> Schawaller, 1984	Ne Dominican amber
1343. <i>Selenops dominicanus</i> Wunderlich, 2004an	Ne Dominican amber
<i>Selenops</i> sp. in Wunderlich (1988)	Ne Dominican amber
<i>Selenops</i> sp. in García-Villafuerte (2006b)	Ne Chiapas amber
<i>Selenops</i> sp. in Penney (2007)	Pa Le Quesnoy amber
MITURGIDAE Simon, 1885a	Palaeogene – Recent
= ZORIDAE F.O.P.-Cambridge, 1893	
† Zorapostenus Wunderlich, 2008c	Palaeogene
1344. <i>Zorapostenus raveni</i> Wunderlich, 2008c	Pa Baltic amber
EUTICHURIDAE Lehtinen, 1967	Recent
= CHEIRACANTHIDAE Wagner, 1887	

Strotarchus Simon, 1888	Neogene – Recent
= † <i>Mimeutyichurus</i> Petrunkevitch, 1963 [tentative synonymy]	
1345. <i>Strotarchus heidti</i> Wunderlich, 1988	Ne Dominican amber
1346. <i>Strotarchus paradoxus</i> (Petrunkevitch, 1963)	Ne Chiapas amber
PHILODROMIDAE Thorell, 1870a	Cretaceous – Recent
Philodromidae sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Philodromidae sp. <i>in</i> Wunderlich (2004ae)	Pa Baltic amber
† Balticodromus Wunderlich, 2022	Palaeogene
1347. <i>Balticodromus porrectus</i> Wunderlich, 2022a*	Pa Baltic amber
† Cretadromus Cheng, Shen & Gao, 2009	Cretaceous
1348. <i>Cretadromus liaoningensis</i> Cheng, Shen & Gao, 2009	K Liaoning Province
Wunderlich (2012d) suggested this fossil could belong in Theridosomatidae	
SALTICIDAE Blackwall, 1841	Palaeogene – Recent
= ATTIDAE Sundevall, 1833 [based on a generic synonym]	
= LYSSOMANIDAE Peckham & Wheeler, 1889	
Salticidae gen. et sp. <i>in</i> Schawaller (1982d)	Ne Willershausen
Salticidae <i>incertae sedis in</i> Selden (2014b)	Pa Isle of Wight
† Almolinus Petrunkevitch, 1958	Palaeogene
1349. <i>Almolinus bitterfeldensis</i> Wunderlich, 2004aq	Pa Bitterfeld amber
1350. <i>Almolinus clarus</i> Petrunkevitch, 1958*	Pa Baltic amber
1351. <i>Almolinus ligula</i> Wunderlich, 2004aq	Pa Baltic amber
? <i>Almolinus</i> sp. <i>in</i> Wunderlich (2004aq)	Pa Baltic amber
† Attoides Brongniart, 1877	Palaeogene
1352. <i>Attoides eresiformis</i> Brongniart, 1877	Pa Aix-en-Provence
† Calilinus Wunderlich, 2004aq	Palaeogene
1353. <i>Calilinus fleissneri</i> Wunderlich, 2004aq*	Pa Baltic amber
† Cenattus Petrunkevitch, 1942	Palaeogene
1354. <i>Cenattus exophthalmicus</i> Petrunkevitch, 1942*	Pa Baltic amber
Corythalia C. L. Koch, 1851	Neogene – Recent
1355. <i>Corythalia ocululiter</i> Wunderlich, 1988	Ne Dominican amber
1356. <i>Corythalia pilosa</i> Wunderlich, 1982	Ne Dominican amber
1357. <i>Corythalia scissa</i> Wunderlich, 1988	Ne Dominican amber
† Descangeles Wunderlich, 1988	Neogene
1358. <i>Descangeles pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
<i>Descangeles</i> sp. 1–2 <i>in</i> Wunderlich (1988)	Ne Dominican amber
Descanso Peckham & Peckham, 1892	Neogene – Recent
<i>Descanso</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
† Distanilinus Wunderlich, 2004aq	Palaeogene
1359. <i>Distanilinus filum</i> Wunderlich, 2004aq	Pa Baltic amber
1360. <i>Distanilinus nutus</i> Wunderlich, 2004aq*	Pa Baltic amber

1361. <i>Distanilinus paranutus</i> Wunderlich, 2004aq	Pa Baltic amber
1362. <i>Distanilinus pernutus</i> Wunderlich, 2004aq	Pa Baltic amber
† Eoattopsis Gourret, 1887	Palaeogene
1363. <i>Eoattopsis hirsutus</i> Gourret, 1887*	Pa Aix-en-Provence
† Eolinus Petrunkevitch, 1942	Palaeogene
1364. <i>Eolinus balticus</i> Žabka, 1988	Pa Baltic amber
1365. <i>Eolinus fungus</i> Wunderlich, 2004aq	Pa Baltic amber
1366. <i>Eolinus insuriens</i> Wunderlich, 2004aq	Pa Baltic amber
1367. <i>Eolinus prominens</i> Wunderlich, 2004aq	Pa Baltic amber
1368. <i>Eolinus samlandica</i> Wunderlich, 2004aq	Pa Baltic amber
1369. <i>Eolinus succineus</i> Petrunkevitch, 1942*	Pa Baltic amber
1370. <i>Eolinus theryi</i> Petrunkevitch, 1942	Pa Baltic amber
1371. <i>Eolinus theryoides</i> Wunderlich, 2004aq	Pa Baltic amber
1372. <i>Eolinus tystschenkoi</i> Proszynski & Žabka, 1980	Pa Baltic amber
1373. <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
1374. <i>Euophrys randeckensis</i> Schawaller & Ono, 1979	Ne Randecker Maar
† Evagoratus Zhang, Sun & Zhang, 1994	Neogene
1375. <i>Evagoratus longicruris</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Galianora Maddison, 2006	Neogene
1376. <i>Galianora marcoi</i> García-Villafuerte, 2018	Ne Chiapas amber
† Gorgopsidis Wunderlich, 2004aq	Palaeogene
1377. <i>Gorgopsidis bechlyi</i> Wunderlich, 2004aq*	Pa Baltic amber
† Gorgopsina Petrunkevitch, 1955a	Palaeogene – Neogene
1378. <i>Gorgopsina amabilis</i> Wunderlich, 2004aq	Pa Baltic amber
1379. <i>Gorgopsina constricta</i> Wunderlich, 2004aq	Pa Baltic amber
1380. <i>Gorgopsina expandens</i> Wunderlich, 2004aq	Pa Baltic amber
1381. ' <i>Gorgopsina</i> ' <i>fasciata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1382. <i>Gorgopsina flexuosa</i> Wunderlich, 2004aq	Pa Baltic amber
1383. <i>Gorgopsina fractura</i> Wunderlich, 2004ar	Pa Rovno amber
1384. <i>Gorgopsina frenata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
1385. <i>Gorgopsina inclusa</i> Wunderlich, 2004aq	Pa Baltic amber
1386. <i>Gorgopsina marginata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1387. <i>Gorgopsina melanocephala</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1388. <i>Gorgopsina rectangularis</i> Wunderlich, 2011h	Pa Baltic amber
1389. ? <i>Gorgopsina scharffi</i> Wunderlich, 2017d	Ne Ethiopian amber
1390. <i>Gorgopsina speciosa</i> Wunderlich, 2004aq	Pa Baltic amber
Heliophanus C. L. Koch, 1833	Palaeogene – Recent
1391. <i>Heliophanus extinctus</i> Berland, 1939	Pa Aix-en-Provence
Hyllus C. L. Koch, 1846	Quaternary – Recent

	= † <i>Parevophrys</i> Petrunkevitch, 1942	
1392.	<i>Hyllus succini</i> (Petrunkevitch, 1942)	Qt Copal
	originally described as Baltic amber	
Lyssomanes Hentz, 1845	.....	Neogene – Recent
1393.	<i>Lyssomanes pristinus</i> Wunderlich, 1986	Ne Dominican amber
	i.= <i>Lyssomanes galianoae</i> Reiskind, 1989	Ne Dominican amber
1394.	<i>Lyssomanes pulcher</i> Wunderlich, 1988	Ne Dominican amber
Maevia C. L. Koch, 1846	.....	?Neogene – Recent
1395.	<i>Maevia eureka</i> Riquelme & Menéndez-Acuña, 2017	Ne Chiapas amber
† Microlinus Wunderlich, 2004aq	.....	Palaeogene
1396.	<i>Microlinus calidus</i> Wunderlich, 2004aq	Pa Baltic amber
1397.	<i>Microlinus folium</i> Wunderlich, 2004aq*	Pa Baltic amber
Myrmarachne MacLeay, 1839	.....	Quaternary – Recent
	= † <i>Entomocephalus</i> Holl, 1829 [suppressed; see ICZN Opinion 2258]	
1398.	<i>Myrmarachne formicoides</i> (Holl, 1829)	?Qt Copal [?not amber]
Neon Simon, 1876a	.....	Quaternary – Recent
1399.	<i>Neon ?reticulatus</i> (Blackwall, 1853) [Recent]	Qt England
Nilakantha Peckham & Peckham, 1901	.....	Neogene – Recent
1400.	<i>Nilakantha beugelorum</i> (Wolff, 1990)	Ne Dominican amber
† Paralinus Petrunkevitch, 1942	.....	Palaeogene
1401.	<i>Paralinus crosbyi</i> Petrunkevitch, 1942*	Pa Baltic amber
† Pensacolatus Wunderlich, 1988	.....	Neogene
1402.	<i>Pensacolatus coxalis</i> Wunderlich, 1988*	Ne Dominican amber
1403.	<i>Pensacolatus spinipes</i> Wunderlich, 1988	Ne Dominican amber
1404.	? <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
1405.	<i>Phidippus impressus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1406.	<i>Phidippus pusillus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Phlegrata Wunderlich, 1988	.....	Neogene
1407.	<i>Phlegrata pala</i> Wunderlich, 1988*	Ne Dominican amber
† Prolinus Petrunkevitch, 1958	.....	Palaeogene
1408.	<i>Prolinus fossilis</i> Petrunkevitch, 1958*	Pa Baltic amber
† Salticidites Straus, 1967	.....	Neogene
1409.	<i>Salticidites hercynicus</i> Straus 1967*	Ne Willershausen
Sarinda Peckham & Peckham, 1892	.....	Neogene – Recent
	? <i>Sarinda</i> sp. in Wunderlich (2004aq)	Ne Dominican amber
Araneomorphae incertae sedis		
† Elvina Thorell, 1870b	.....	Neogene
1410.	<i>Elvina antiqua</i> (von Heyden, 1859)	Ne Linz am Rhein

Araneae incertae sedis

- Araneae incertae sedis in Selden et al. (2014) P Kurty, Kazakhstan
- † **Amphiclotho Gourret, 1887** **Palaeogene**
1411. *Amphiclotho breviscula* Gourret, 1887* Pa Aix-en-Provence
- † **Amphithomismus Gourret, 1887** **Palaeogene**
1412. *Amphithomismus barbatus* Gourret, 1887* Pa Aix-en-Provence
- † **Atocatle Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?]..... **Cretaceous**
1413. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* K Puebla, México
- † **Cercidiella Gourret, 1887** **Palaeogene**
1414. *Cercidiella aquisextana* Gourret, 1887* Pa Aix-en-Provence
- † **Clubionella Gourret, 1887** **Palaeogene**
1415. *Clubionella antiqua* Gourret, 1887* Pa Aix-en-Provence
- † **Eresoides Gourret, 1887** **Palaeogene**
1416. *Eresoides orbicularis* Gourret, 1887* Pa Aix-en-Provence
- † **Hersilioides Gourret, 1887** **Palaeogene**
1417. *Hersilioides thanatiformis* Gourret, 1887* Pa Aix-en-Provence
- † **Opisthophylax Menge, 1856** **Palaeogene**
1418. *Opisthophylax exarata* Menge, 1856* Pa Baltic amber
- † **Palaranea Frič, 1873** **Carboniferous**
1419. *Palaranea borassifoliae* Frič, 1874* C Radnice
- † **Paralycosa Dunlop & Jekel, 2009** **Palaeogene**
- = † *Protolycosa* Gourret, 1887 [preoccupied]
1420. *Paralycosa attiformis* (Gourret, 1887)* Pa Aix-en-Provence
- † **Prodysdera Gourret, 1887** **Palaeogene**
1421. *Prodysdera intermedia* Gourret, 1887* Pa Aix-en-Provence
- † **Protochersis Gourret, 1887** **Palaeogene**
1422. *Protochersis spinosus* Gourret, 1887* Pa Aix-en-Provence
- † **Protolachesis Gourret, 1887** **Palaeogene**
1423. *Protolachesis annulata* Gourret, 1887* Pa Aix-en-Provence
- † **Pseudothomismus Gourret, 1887** **Palaeogene**
1424. *Pseudothomismus articulatus* Gourret, 1887* Pa Aix-en-Provence
- † **Pyritaranea Frič, 1901** **Carboniferous**
- = † *Eopholcus* Frič, 1904
1425. *Pyritaranea tubifera* Frič, 1901* C Nýřany
- i. = *Eopholcus pedatus* Frič, 1904 C Nýřany
- † **Schellenbergia Heer, 1865** **Neogene**
1426. *Schellenbergia rotundata* Heer, 1865* Ne Öhningen
- † **Timeropus Thorell, 1891** **Palaeogene**
- = † *Lycosoides* Gourret, 1887 [preoccupied]
1427. *Timeropus hersiliformis* (Gourret, 1887)* Pa Aix-en-Provence

NOMINA DUBIA

- † **Ablator Petrunkevitch, 1942** [also contains valid fossil species]
1. *Ablator plumosus* (Petrunkevitch, 1950) [see Penney (2020)] Pa Baltic amber
- † **Acrometa Petrunkevitch, 1942** [also contains valid fossil species]
2. *Acrometa minutum* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
 3. *Acrometa robusta* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
 4. *Acrometa samlandica* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
- † **Adjunctor Petrunkevitch, 1942 (*nomen dubium*)**
5. *Adjunctor similis* Petrunkevitch, 1942 [see Penney (2020)] Pa Baltic amber
- † **Adjutor Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
6. *Adjutor deformis* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber
 7. *Adjutor mirabilis* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- † **Admissor Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
8. *Admissor aculeatus* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- Amaurobius C. L. Koch, 1837** [no currently valid fossil species]
9. *Amaurobius faustus* C. L. Koch & Berendt, 1854 Pa Baltic amber
 10. *Amaurobius rimosus* C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Arthrodictyna Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
11. *Arthrodictyna segmentata* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- Auximus Simon, 1892** [now *Lathys* Simon, 1884: Dictynidae; no currently valid fossil species]
12. *Auximus fossilis* Petrunkevitch, 1950 Pa Baltic amber
 13. *Auximus succini* Petrunkevitch, 1942 Pa Baltic amber
- † **Caduceator Petrunkevitch, 1942** [also contains valid fossil species]
14. *Caduceator minutus* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- † **Clythia C. L. Koch & Berendt, 1854 (*nomen dubium*)** **Palaeogene**
15. *Clythia alma* C. L. Koch & Berendt, 1854* Pa Baltic amber
- Clubiona Latreille, 1804a** [also contains valid fossil and living species]
16. *Clubiona attenuata* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
 17. *Clubiona lanata* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
 18. *Clubiona microphthalma* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
 19. *Clubiona pubescens* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
 20. *Clubiona sericea* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
 21. *Clubiona tomentosa* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
- † **Collacteus Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
22. *Collacteus captivus* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- † **Corynitoides Dunlop & Jekel, 2009 (*nomen dubium*)** **Palaeogene**
- = † *Corynitis* Menge in C. L. Koch & Berendt, 1854 [preoccupied]
23. *Corynitoides spinosa* (Menge in C. L. Koch & Berendt, 1854)* Pa Baltic amber
 24. *Corynitoides undulata* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
- † **Cyclososoma Petrunkevitch, 1958 (*nomen dubium*)** **Palaeogene**

25. *Cyclososoma succini* Petrunkevitch, 1958* [see Penney (2020)] Pa Baltic amber
- † **Eocryphoeca Petrunkevitch, 1958** [also contains valid fossil species]
26. *Eocryphoeca distincta* Petrunkevitch, 1950 Pa Baltic amber
27. *Eocryphoeca fossilis* (Petrunkevitch, 1942) Pa Baltic amber
- † **Eodipoena Petrunkevitch, 1942** [a synonym of Eomysmena which contains valid fossil species]
28. *Eodipoena nielseni* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber
- † **Eometa Petrunkevitch, 1958** [also contains valid fossil species]
29. *Eometa aberrans* Petrunkevitch, 1958 Pa Baltic amber
30. *Eometa robusta* Petrunkevitch, 1958 Pa Baltic amber
- † **Eomysmena Petrunkevitch, 1942** [also contains valid fossil species]
31. *Eomysmena succini* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
- † **Eopisaurella Petrunkevitch, 1958 (*nomen dubium*)** **Palaeogene**
32. *Eopisaurella valdespinosa* Petrunkevitch, 1958* [see Penney (2020)] Pa Baltic amber
- † **Eostaianus Petrunkevitch, 1950 (*nomen dubium*)** **Palaeogene**
33. *Eostaianus succini* Petrunkevitch, 1950* [see Penney (2020)] Pa Baltic amber
- † **Eostasina Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
34. *Eostasina aculeata* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- † **Ephalmator Petrunkevitch, 1950** [also contains valid fossil species]
35. ?*Ephalmator eximius* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber
- Ero C. L. Koch 1836** [also contains valid fossil species]
36. *Ero setulosa* C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Esuritor Petrunkevitch, 1942 (*nomen dubium*)** **Palaeogene**
- Wunderlich (2022a) considered this genus a member of the Zoropsidae s.l.
37. *Esuritor aculeatus* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber
38. *Esuritor spinipes* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber
- Euophrys C. L. Koch, 1834** [also contains valid fossil and living species]
39. *Euophrys gibberula* (C. L. Koch & Berendt, 1854) [see Penney (2020)] Pa Baltic amber
- † **Euryopus Menge in C. L. Koch & Berendt, 1854 (*nomen dubium*)** **Palaeogene**
40. *Euryopus gracilipes* Menge in C. L. Koch & Berendt, 1854* [see Penney (2020)] Pa Baltic amber
- † **Fictotama Petrunkevitch, 1963 (*nomen dubium*)** **Palaeogene**
41. *Fictotama extincta* Petrunkevitch, 1963* Ne Chiapas amber
- † **Fiducia Petrunkevitch, 1950 (*nomen dubium*)** **Palaeogene**
42. *Fiducia tenuipes* Petrunkevitch, 1950* [see Penney (2020)] Pa Baltic amber
- † **Filiolella Petrunkevitch, 1955a (*nomen dubium*)** **Palaeogene**
- = † *Filiola* Petrunkevitch, 1942 [preoccupied]
43. *Filiolella argentata* (Petrunkevitch, 1942)* [see Penney (2020)] Pa Baltic amber
- † **Gorgopsina Petrunkevitch, 1955a** [also contains valid fossil species]
44. *Gorgopsina formosa* (C. L. Koch & Berendt, 1854) [see Penney (2020)] Pa Baltic amber
45. *Gorgopsina jucunda* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
46. *Gorgopsina naumanni* Giebel, 1856 [see Penney (2020)] Pa Baltic amber
47. *Gorgopsina paulula* (C. L. Koch & Berendt, 1854) [see Penney (2020)] Pa Baltic amber

Hersilia Audouin, 1826 [also contains valid fossil and living species]48. *Hersilia longipes* Giebel, 1856 [see Penney (2020)] Pa Baltic amber† **Machilla Petrunkevitch, 1958 (*nomen dubium*)** Palaeogene49. *Machilla setosa* Petrunkevitch, 1958* [see Penney (2020)] Pa Baltic amber† **Massula Petrunkevitch, 1942 (*nomen dubium*)** Palaeogene50. *Massula klebsi* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber† **Medela Petrunkevitch, 1942 (*nomen dubium*)** Palaeogene51. *Medela baltica* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber† **Meditrina Petrunkevitch, 1942 (*nomen dubium*)** Palaeogene52. *Meditrina circumvallata* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber† **Memoratrix Petrunkevitch, 1942 (*nomen dubium*)** Palaeogeneregarded by Wunderlich (2004*p*) as a possible pimoid or linyphiid53. *Memoratrix rydei* Petrunkevitch, 1942 [see Penney (2020)] Pa Baltic amber**Micryphantes C. L. Koch, 1833** [also contains valid living species]54. *Micryphantes molybdinus* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber55. *Micryphantes regularis* C. L. Koch & Berendt, 1854 [see Penney (2020)] . Pa Baltic amber† **Mimetarchaea Eskov, 1992** Palaeogene56. *Mimetarchaea gintaras* Eskov, 1992* Pa Baltic amber
name based on a subadult male† **Miropholcus Petrunkevitch, 1942 (*nomen dubium*)** Palaeogene= † *Micropholcus* Petrunkevitch, 1942 [*lapsus*]57. *Miropholcus heteropus* Petrunkevitch, 1942* Pa Baltic amber**Misumena Latreille, 1804a** [also contains valid living species]58. *Misumena samlandica* Petrunkevitch, 1942 [see Penney (2020)] Pa Baltic amber† **Mizalia C. L. Koch & Berendt, 1854** [also contains valid fossil species]59. *Mizalia blauvelti* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber† **Municeps Petrunkevitch, 1942 (*nomen dubium*)** Palaeogene60. *Municeps pulcher* Petrunkevitch, 1942 [see Penney (2020)] Pa Baltic amber† **Mystagogus Petrunkevitch, 1942 (*nomen dubium*)** Palaeogene61. *Mystagogus dubius* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber62. *Mystagogus glaber* Petrunkevitch, 1942* [see Penney (2020)] Pa Baltic amber† **Nanomysmena Petrunkevitch, 1958** [also contains valid fossil species]63. *Nanomysmena aculeata* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber**Orchestina Simon, 1882** [also contains valid living and fossil species]64. *Orchestina pusilla* (Menge in C. L. Koch & Berendt, 1854) [see Penney (2020)] Pa Baltic amber† **Perturbator Petrunkevitch, 1971 (*nomen dubium*)** Neogene65. *Perturbator corniger* Petrunkevitch, 1971* Ne Chiapas amber† **Phalangopus Menge in C. L. Koch & Berendt, 1854 (*nomen dubium*)** Palaeogene66. *Phalangopus subtilis* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber**Phrurolithus C. L. Koch, 1839b** [also contains valid living species]

Wunderlich (2002a) regarded this as a doubtful genus which may be a synonym of another amber genus.

67. *Phrurolithus fossilis* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber
68. *Phrurolithus ipseni* Petrunkevitch, 1958 [see Penney (2020)] Pa Baltic amber
- † ***Praeoarces* Wunderlich, 2004q** **Palaeogene**
69. *Praeoarces exitus* Wunderlich, 2004q* Pa Baltic amber
- Segestria* Latreille, 1804** [also contains valid fossil species]
70. *Segestria cristata* Menge in C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
71. *Segestria elongata* C. L. Koch & Berendt, 1854 Pa Baltic amber
72. *Segestria nana* C. L. Koch & Berendt, 1854 Pa Baltic amber
73. *Segestria succinei* Berland, 1939 [see Penney (2020)] Pa Baltic amber
- † ***Sosybius* C. L. Koch & Berendt, 1854** [also contains valid fossil species]
74. *Sosybius decumana* (C. L. Koch & Berendt, 1854) [see Penney (2020)] Pa Baltic amber
75. *Sosybius fusca* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
76. *Sosybius major* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
77. *Sosybius minor* C. L. Koch & Berendt, 1854* [see Penney (2020)] Pa Baltic amber
78. *Sosybius parva* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
79. *Sosybius rufa* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
80. *Sosybius succineus* (Petrunkevitch, 1942) [see Penney (2020)] Pa Baltic amber
- † ***Steneattus* Bronn, 1856 (*nomen dubium*)** **Palaeogene**
- = † *Leda* C. L. Koch & Berendt, 1854 [preoccupied]
81. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* [see Penney (2020)] ... Pa Baltic amber
- Tegenaria* Latreille, 1804a** [also contains valid fossil and living species]
82. *Tegenaria virilis* Menge in C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
- † ***Thereola* Petrunkevitch, 1955** **Palaeogene**
- = † *Therea* Koch & Berendt, 1854 [preoccupied]
83. *Thereola petiolata* (C. L. Koch & Berendt, 1854)* [see Penney (2020)] Pa Baltic amber
84. *Thereola pubescens* (Menge in C. L. Koch & Berendt, 1854) [see Penney (2020)] Pa Baltic amber
- Theridion* Walckenaer, 1805** [also contains valid fossil and living species]
85. '*Theridion*' *alutaceum* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
86. '*Theridion*' *berendti* Marusik & Penney, 2004 [see Penney (2020)] Pa Baltic amber
- = *Theridion globosa* C. L. Koch & Berendt, 1854 [preoccupied]
87. '*Theridion*' *detersum* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
88. '*Theridion*' *globosus* (Presl, 1822) [see Penney (2020)] Pa Baltic amber
89. '*Theridion*' *hirtum* C. L. Koch & Berendt, 1854 [see Penney (2020)] Pa Baltic amber
90. '*Theridion*' *oblongum* (Presl, 1822) Pa Baltic amber
91. '*Theridion*' *ovale* C. L. Koch & Berendt, 1854 Pa Baltic amber
92. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 Pa Baltic amber
93. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 Pa Baltic amber
- Zachria* L. Koch, 1875** [also contains valid fossil and living species]

94. *Zachria peculiata* Petrunkevitch, 1946 Pa Baltic amber
 95. *Zachria restincta* Petrunkevitch, 1958 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
 probably belongs in *Eomatachia* (cf. Wunderlich 2017a), but species unclear

† **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 incompta* 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

† **Eomysmena Petrunkevitch, 1942** [also contains valid fossil species]

25. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) Pa Baltic amber
26. *Eomysmena tenera* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
- Epeira Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
27. *Epeira eocaenica* Giebel, 1856 Pa Baltic amber
28. *Epeira eocena* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Epeiridion Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
29. *Epeiridion femoratum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Erithus Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
30. *Erithus applanatus* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Ero C. L. Koch & Berendt, 1836** [also contains valid fossil species]
31. *Ero coronata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
32. *Ero exculpta* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
33. *Ero sphaerica* C. L. Koch & Berendt, 1854 Pa Baltic amber
34. *Ero quadripunctata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Eyukselus Özdikmen, 2007 (*nomen nudum*)** **Palaeogene**
- = † *Propetes* Menge, 1854 [preoccupied]
35. *Eyukselus argutus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
36. *Eyukselus felinus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
37. *Eyukselus griseus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
38. *Eyukselus latifrons* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
39. *Eyukselus pumilus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
- Gea C. L. Koch, 1843** [also contains valid fossil species]
40. *Gea pubescens* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Heteromma Menge, 1856 (*nomen nudum*)** **Palaeogene**
41. *Heteromma intersecta* Menge, 1856* Pa Baltic amber
- † **Idmonia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
42. *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]
43. *Melanophora lepida* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
44. *Melanophora nitida* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Micaria Westring, 1851** [also contains valid fossil species]
45. *Micaria ovata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
46. *Micaria squamata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
47. *Micaria tenuis* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Micryphantes C. L. Koch, 1833** [also contains valid fossil species]
48. *Micryphantes globulus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
49. *Micryphantes turritus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Mizalia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
50. *Mizalia truncata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Ocia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
51. *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]

52. *Ocypete angustifrons* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
53. *Ocypete marginata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Onca Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
54. *Onca lepida* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
55. *Onca pumila* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Philodromus Walckenaer, 1826** [also contains valid fossil species]
56. *Philodromus griseus* Menge, 1856 Pa Baltic amber
57. *Philodromus marginatus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
58. *Philodromus reptans* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
59. *Philodromus redogradus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
60. *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]
61. *Pythonissa bipunctata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
62. *Pythonissa discophora* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
63. *Pythonissa glabra* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
64. *Pythonissa villosa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Segestria Latreille, 1804** [also contains valid fossil species]
65. *Segestria exarata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
66. *Segestria sulcata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
67. *Segestria undulata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Siga Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
68. *Siga crinita* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- † **Spheconia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
69. *Spheconia brevipes* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- † **Syphax C. L. Koch & Berendt, 1854** [also contains valid fossil species]
70. *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]
71. *Theridium bifurcum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
72. *Theridium chorius* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
73. *Theridium clavigerum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
74. *Theridium crassipes* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
75. *Theridium setulosum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Thomisus Walckenaer, 1805** [also contains valid fossil species]
76. *Thomisus matutinus* Menge, 1856 Pa Baltic amber
- † **Thyelia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
77. *Thyelia mengei* Giebel, 1856 Pa Baltic amber
78. *Thyelia pectinata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
79. *Thyelia spinosa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Zilla C. L. Koch & Berendt, 1834** [also contains valid fossil species]
80. *Zilla cornumana* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
81. *Zilla spinipalpa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

MISIDENTIFICATIONS

- Aranea Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] Qt Copal
- † **Araneaovoius Dunlop & Braddy, 2011** [ichnogenus] **Palaeogene**
2. *Araneaovoius columbiae* (Scudder 1878)* [fossil egg sac]..... Pa Canada / USA
- † **Archaeometa Pocock, 1911** **Devonian**
3. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] D Alken an der Mosel
- † **Arthrolycosa Harger, 1874** [also contains a valid fossil species] **Carbon. – Permian**
4. *Arthrolycosa tarda* Frič, 1912 [Arachnida *incertae sedis*] C Krmsol
- † **Dinopilio Frič, 1904** **Carboniferous**
5. *Dinopilio gigas* Frič, 1904* [Arachnida *incertae sedis*] C Rakovník
 6. *Dinopilio parvus* Petrunkevitch, 1953 [Arthropoda *incertae sedis*] C Kent, UK
- Mongolarachne Selden, Shi & Ren, 2013** [contains a valid species] **Jurassic**
7. *Mongolarachne chaoyangensis* Cheng *et al.*, 2019 [crustacean] J Liaoning, China
- † **Oichnus Bromley 1981** [ichnogenus !]..... **Palaeogene**
8. *Oichnus bavincourti* (Vaillant, 1909) [at one stage placed in *Cteniza*] Pa Northern France
- † **Palpipes Roth, 1854** **Jurassic**
9. *Palpipes cursor* Roth, 1854 [crustacean] J Solnhofen
- † **Palaeocteniza Hirst, 1923** **Devonian**
10. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] D Rhynie chert
- † **Pleurolycosa Frič, 1904** **Carboniferous**
11. *Pleurolycosa prolifera* (Frič, 1901)* [Arthropoda *incertae sedis*] C Nýřany

50,620 Recent species according to the WSC (2022)

HAPTOPODA

1 currently valid species of fossil haptopod

- † **HAPTOPODA Pocock, 1911** **Carboniferous**
- † **PLESIOSIRONIDAE Pocock, 1911** **Carboniferous**
- † ***Plesiosiro* Pocock, 1911** **Carboniferous**
 - 1. *Plesiosiro madeleyi* Pocock, 1911* C Coseley

no Recent species

AMBLYPYGI

11 currently valid species of fossil whip spider

AMBLYPYGI Thorell, 1882	Carbon. – Recent
= PHRYNÉIDES Walckenaer, 1837	
= PHRYNICHIDA Petrunkevitch, 1945a	
PALAEOAMBLYPYGI Weygoldt, 1996 (suborder)	Carbon. – Recent
† WEYGOLDTINIDAE Dunlop, 2018	Carboniferous
† <i>Weygoldtina</i> Dunlop, 2018	Carboniferous
1. <i>Weygoldtina anglica</i> (Pocock, 1911)	C Coseley
2. <i>Weygoldtina scudderi</i> (Pocock, 1911)*	C Mazon Creek
PARACHARONTIDAE Weygoldt, 1996	Carbon. – Recent
† <i>Paracharonopsis</i> Engel & Grimaldi, 2014	Palaeogene
3. <i>Paracharonopsis cambayensis</i> Engel & Grimaldi, 2014*	Pa Cambay amber
EUAMBLYPYGI Weygoldt, 1996 (suborder)	Carbon – Recent
FAMILY UNCERTAIN	
† <i>Sorellophrynus</i> Harvey, 2002	Carboniferous
= † <i>Protosphrynus</i> Petrunkevitch, 1913 (preoccupied)	
4. <i>Sorellophrynus carbonarius</i> (Petrunkevitch, 1913)*	C Mazon Creek
CHARINIDAE Quintero, 1986	Recent
no fossil record	
NEOAMBLYPYGI Weygoldt, 1996 (infraorder)	Cretaceous – Recent
CHARONTIDAE Simon, 1892a	Recent
no fossil record	
UNIDISTITARSATA Engel & Grimaldi, 2014	Cretaceous – Recent
† <i>Kronocharon</i> Engel & Grimaldi, 2014	Cretaceous
5. <i>Kronocharon engeli</i> Wunderlich, 2015c	K Burmese amber
6. <i>Kronocharon longicalcaris</i> Wunderlich, 2015c	K Burmese amber
7. <i>Kronocharon preordinii</i> Engel & Grimaldi, 2014*	K Burmese amber
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**

8. *Britopygus weygoldti* Dunlop & Martill, 2002 K Crato Formation

***Phrynus* Lamarck, 1801** **Neogene – Recent**

9. *Phrynus mexicana* Poinar & Brown, 2004 Ne Chiapas amber

10. *Phrynus resinae* (Schawaller, 1979b) Ne Dominican amber

AMBLYPYGI INCERTAE SEDIS

† ***Thelyphrynus* Petrunkevitch, 1913** **Carboniferous**

11. *Thelyphrynus elongatus* Petrunkevitch, 1913 C Mazon Creek

NOMINA DUBIA

† ***Graeophonus* Scudder, 1890b** **Carboniferous**

Dunlop (2018) treated the entire genus as a *nomen dubium* as its type species is the fossil

L. carbonaria (see below), which is not demonstrably a whip spider

1. *Electrophrynus mirus* Petrunkevitch, 1971 Ne Chiapas amber

2. *Libellula carbonaria* Scudder, 1876 C Cape Breton

based on an abdomen only which cannot be meaningfully ascribed to any particular arthropod group

3. *Phrynus fossilis* Keferstein, 1834 Pa Aix-en-Provence

i. = *Phrynus marioni* Gourret, 1887 Pa Aix-en-Provence

262 Recent species

UROPYGI

10 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	
<i>Thelyphonida</i> sp. <i>in</i> Selden <i>et al.</i> 2014	C Donets Basin
plesion genera	
† <i>Geralinura</i> Scudder, 1884	Carboniferous
1. <i>Geralinura britannica</i> Pocock, 1911	C Coseley
2. <i>Geralinura carbonaria</i> Scudder, 1884*	C Mazon Creek
i. = <i>Geralinura gigantea</i> Petrunkevitch, 1913	C Mazon Creek
ii. = <i>Geralinura similis</i> Petrunkevitch, 1913	C Mazon Creek
† <i>Parageralinura</i> Tetlie & Dunlop, 2008	Carboniferous
3. <i>Parageralinura marsiglioi</i> Selden, Dunlop & Simonetto, 2016	C Carnic Alps
4. <i>Parageralinura naufraga</i> (Brauckmann & Koch, 1983)*	C Hagen-Vorhalle
5. <i>Parageralinura neerlandicus</i> Laurentiaux-Viera & Laurentiaux, 1961.....	C Limburg
† <i>Proschizomus</i> Dunlop & Horrocks, 1996	Carboniferous
6. <i>Proschizomus petrunkevitchi</i> Dunlop & Horrocks, 1996	C Coseley
† <i>Prothelyphonus</i> Frič, 1904	Carboniferous
7. <i>Prothelyphonus bohemicus</i> (Kušta, 1884 <i>b</i>)	C Rakovník
i. = <i>Prothelyphonus cordai</i> Frič, 1904	C Rakovník
ii. = <i>Geralinura crassa</i> Kušta, 1888	C Rakovník
iii. = <i>Geralinura noctua</i> Kušta, 1888	C Rakovník
iv. = <i>Geralinura scudderi</i> Kušta, 1888	C Rakovník
THELYPHONIDAE Lucas 1835	Cretaceous – Recent
† <i>Burmathelyphonia</i> Wunderlich, 2015c	Cretaceous
8. <i>Burmathelyphonia prima</i> Wunderlich, 2015c*	K Burmese amber
† <i>Mesoproctus</i> Dunlop, 1988	Cretaceous
9. <i>Mesoproctus rowlandi</i> Dunlop, 1998	K Crato Formation
<i>Mesoproctus</i> sp. <i>in</i> Dunlop & Martill (2002)	K Crato Formation
† <i>Mesothelyphonus</i> Cai & Huang, 2017*	Cretaceous
10. <i>Mesothelyphonus parvus</i> Cai & Huang, 2017*	K Burmese amber

MISIDENTIFICATIONS

1. *Thelyphonus hadleyi* Pierce, 1945 [unidentifiable, ?algal]Ne California

124 Recent species

SCHIZOMIDA

14 currently valid species of fossil schizomids

- the fossil family Calcitronidae cannot be meaningfully compared to the Recent families

SCHIZOMIDA Petrunkevitch, 1945b	Cretaceous – 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	Cretaceous – Recent
† <i>Annazomus</i> De Francesco Magnussen & Müller in De Francesco Magnussen et al., 2022	Cretaceous
3. <i>Annazomus parvulus</i> De Francesco Magnussen in De Francesco Magnussen et al., 2022*	K Burmese amber
<i>Antillostenochrus</i> Armas & Teruel, 2002	Neogene – Recent
4. <i>Antillostenochrus pseudoannulatus</i> (Krüger & Dunlop, 2010)	Ne Dominican Amber
† <i>Calcoschizomus</i> Pierce, 1951	Neogene
5. <i>Calcoschizomus latisternum</i> Pierce, 1951	Ne Onyx Marble
† <i>Cretaceozomus</i> De Francesco Magnussen & Müller in De Francesco Magnussen et al., 2022	Cretaceous
6. <i>Cretaceozomus angustocaudatus</i> De Francesco Magnussen in De Francesco Magnussen et al., 2022*	K Burmese amber
7. <i>Cretaceozomus robustus</i> De Francesco Magnussen in De Francesco Magnussen et al., 2022*	K Burmese amber
† <i>Groehnizomus</i> De Francesco Magnussen & Müller in De Francesco Magnussen et al., 2022	Cretaceous
8. <i>Groehnizomus oculiferans</i> De Francesco Magnussen & Müller in De Francesco Magnussen et al., 2022*	K Burmese amber
9. <i>Groehnizomus rodrigo</i> Müller in De Francesco Magnussen et al., 2022	K Burmese amber
† <i>Mesozomus</i> Müller, Dunlop, Kotthoff, Hammel & Harms, 2019	Cretaceous
10. <i>Mesozomus groehni</i> Müller, Dunlop, Kotthoff, Hammel & Harms, 2019*	K Burmese amber
† <i>Muellerizomus</i> De Francesco Magnussen & Müller in De Francesco Magnussen et al., 2022	Cretaceous

11. *Muellerizomus amandae* De Francesco Magnussen & Müller *in* De
 Francesco Magnussen *et al.*, 2022 K Burmese amber
12. *Muellerizomus palicaudatus* De Francesco Magnussen *in* De
 Francesco Magnussen *et al.*, 2022* K Burmese amber
- Rowlandius Reddell & Cokendolpher, 1995** **Neogene – Recent**
13. *Rowlandius velteni* (Krüger & Dunlop, 2010) Ne Dominican Amber
- PROTOSCHIZOMIDAE Rowland, 1975** **Neogene–Recent**
- † ***Onychothelyphonus* Pierce, 1950** **Neogene**
14. *Onychothelyphonus bonneri* Pierce, 1950 Ne Onyx Marble
 transferred from Hubbardidae, could be a senior synonym of the extant genus *Protoschizomus*

372 Recent species

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