



A summary list of fossil spiders and their relatives

compiled by

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

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



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INTRODUCTION

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

PRINCIPAL CHANGES SINCE THE LAST UPDATE

The principal additions in this version include about 40 new spiders from Burmese amber described by Jörg Wunderlich and Patrick Müller in their latest book. This work includes numerous new genera across a range of families, as well as the newly proposed extinct families Protoaraneoididae, Leviunguidae, Cretamysmenidae, Frateruloboridae and Alteruloboridae. There are also several new species of parasitengonid mites from Burmese amber, a new tick, and some overlooked scorpions all from this same amber deposit. In addition to these amber records, we added new Carboniferous horseshoe crab eggs from Russia, a pterygosomatid mite from French amber, and parasitengonid and tuckerellid mites from Baltic amber. For spiders there is a new oonopid from Sakhalinian amber, an atypid from Rovno amber, and a new jumping spider from the Chiapas amber of Mexico. Some corrections to the horseshoe crabs and several overlooked records of subfossil mites were also added.

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:

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

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

PYCNOGONIDA

11 currently valid species of fossil sea spider

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

PYCNOGONIDA Latreille, 1810 Cambrian – Recent

= ARACHNOPODA Dana, 1853

- † **Cambropycnogon Waloszek & Dunlop, 2002** **Cambrian**
 - 1. *Cambropycnogon klausmuelleri* Waloszek & Dunlop, 2002* € 'Orsten', Sweden
pycnogonid affinities were questioned by Bamber (2007)
- † **Haliestes Siveter, Sutton, Briggs & Siveter, 2004** **Silurian**
 - 2. *Haliestes dasos* Siveter, Sutton, Briggs & Siveter, 2004* S Herefordshire Lgst.
- † **Flagellopantopus Poschmann & Dunlop, 2006** **Devonian**
 - 3. *Flagellopantopus blocki* Poschmann & Dunlop, 2006* D 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 Devonian – Recent

= PEGMATA Fry, 1978

family uncertain

- † **Palaeothea Bergström, Stürmer & Winter, 1980** **Devonian**
 - 8. *Palaeothea devonica* Bergström, Stürmer & Winter, 1980* D Hunsrückschiefer

AUSTRODECIDAE Stock, 1954 Recent

no fossil record

PYCNOGONIDAE Wilson, 1878 Recent

no fossil record

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

- = PASITHOIDAE Sars, 1891
- = RHOPALORHYNCHIDAE Fry, 1978

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

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

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

- = EURYCIDIDAE Sars, 1891
- = OORHYNCHIDAE Schimkewitsch, 1913
- = TANYSTYLIDAE Schimkewitsch, 1913
- = AMMOTHELLIDAE Fry, 1978
- = EPHYROGYMNIDAE Fry, 1978
- = PARANYMPHONIDAE Fry, 1978
- = SERICOSURIDAE Fry, 1978
- = TRYGAEIDAE Fry, 1978

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

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

CALLIPALLENIDAE Hilton, 1942 **Recent**

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

no fossil record

NYMPHONIDAE Wilson, 1878 **Recent**

no fossil record

PALLENOPSIDAE Fry, 1978 **Recent**

no fossil record

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

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

PHOXICHILIDIIDAE Sars, 1891 **Recent**

- = ANOPLODACTYLIDAE Fry, 1978

= PHOXIPHILYRIDAE Fry, 1978

no fossil record

RHYNCHOTHORACIDAE Thompson, 1909 **Recent**

no fossil record

MISIDENTIFICATIONS

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

c. 1,300 Recent species

(EU)CHELICERATA

6 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
- *Offacolus* has been described in detail from reconstructions based on serial sections, and was resolved in some phylogenies to a basal position within Euchelicerata
- *Dibasterium* was described as a horseshoe crab, albeit one with multiple biramous appendages
- *Houia* was suggested as a possible link between horseshoe crabs and eurypterids
- the other listed taxa are mostly poor or incomplete specimens which have been treated as either xiphosurans, chasmataspidids or eurypterids
- resting impressions imply that Chasmataspidida were probably present in the late Cambrian

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

EUCHELICERATA INCERTAE SEDIS

- † *Houia* Selden, Lamsdell & Qi, 2015 Devonian
4. *Houia yueya* (Lamsdell, Xue & Selden, 2013) D Yunann, China
- † *Polystomurum* Novojilov, 1958 Devonian
5. *Polystomurum stormeri* Novojilov, 1958* D Voroneje, Siberia
- † *Thurandina* Størmer, 1974 Devonian
6. *Thurandina waterstoni* Størmer, 1974* D Alken an der Mosel

XIPHOSURA *s. lat.*

107 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 Silurian – 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

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
- iii. = *Hemiaspis tuberculatus* (Salter in Woodward, 1872a) S Ludlow
19. *Limuloides speratus* Woodward, 1872a S Ludlow
- iv. = *Hemiaspis optatus* (Salter in Woodward, 1872a) S Ludlow
- † **Pasternakevia** Selden & Drygant, 1987 **Silurian**
20. *Pasternakevia podolica* Selden & Drygant, 1987* S Podolia

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

XIPHOSURA Latreille, 1802 **Ordovician – Recent**

= MEROSTOMATA Dana, 1852

FAMILY UNSPECIFIED

- † **Drabovaspis** Chlupáč, 1963 **Ordovician**
21. *Drabovaspis complexa* Chlupáč, 1963* O Bohemia
- affinities within Xiphosura unclear, previously treated as an aglaspidid
- † **Kiaeria** Størmer, 1934b **Silurian**
22. *Kiaeria limuloides* Størmer, 1934b* S Ringerike
- † **Maldybulakia** Tesakov & Alekseev, 1998 **Devonian**
- = † *Lophodesmus* Tesakov & Alekseev, 1992 [preoccupied]
- originally described as possible myriapods
23. *Maldybulakia angusi* Edgecombe, 1998 D New South Wales
24. *Maldybulakia malcomi* Edgecombe, 1998 D New South Wales
25. *Maldybulakia mirabilis* (Tesakov & Alekseev, 1992)* D Kazakhstan
- † **Willwerathia** Størmer, 1969 **Devonian**
26. *Willwerathia laticeps* (Størmer, 1936a)* D Willwerath

† 'KASIBELINURIDAE' Pickett, 1993	Devonian
= † ELLERIDAE Raymond, 1944	
a paraphyletic family group <i>sensu</i> Lamsdell (2016).	
† Elleria Raymond, 1944	Devonian
27. <i>Elleria morani</i> (Eller, 1938 <i>b</i>)*	D Pennsylvania
† Kasibelinurus Pickett, 1993	Devonian
28. <i>Kasibelinurus amicorum</i> Pickett, 1993*	D New South Wales
† Lunataspis Rudkin, Young & Nowlan, 2008	Ordovician
29. <i>Lunataspis aurora</i> Rudkin, Young & Nowlan, 2008	O Manitoba
possible kasibelinurids?	
30. ' <i>Belinurus</i> ' <i>alleghenyensis</i> Eller, 1938 <i>a</i>	D New York State
31. ' <i>Belinurus</i> ' <i>carterae</i> Eller, 1940	D Pennsylvania
32. ' <i>Prestwichia</i> ' <i>randalli</i> Beecher, 1902	D Pennsylvania
 XIPHOSURIDA Latreille, 1802	Ordovician – Recent
 † BELINURINA Zittel & Eastman, 1913	Carboniferous
family uncertain	
† Xiphosuroides Shpinev & Vasilenko, 2018	Carboniferous
33. <i>Xiphosuroides khakassicus</i> Shpinev & Vasilenko, 2018* [eggs !]	C Khakassia
 † BELINURIDAE Zittel & Eastman, 1913	Carboniferous
= † EUPROOPIDAE Eller, 1938 <i>b</i>	
= † LIOMESASPIDIDAE Raymond, 1944	
† Alanops Racheboeuf et al., 2002	Carboniferous
34. <i>Alanops magnifica</i> Racheboeuf et al., 2002	C Montceau-les-Mines
† Anacontium Raymond, 1944	Permian
35. <i>Anacontium brevis</i> Raymond, 1944	P Oklahoma
36. <i>Anacontium carpenteri</i> Raymond, 1944	P Oklahoma
† Bellinurus Pictet, 1846	Carboniferous
= † <i>Belinurus</i> König, 1851	
= † <i>Steropsis</i> Baily, 1869	
= † <i>Koenigiella</i> Raymond, 1944	
Pictet's 1846 name <i>Bellinurus</i> [<i>sic</i>] was based on a misspelling of <i>Belinurus</i> from König's unpublished plates, which themselves only became available posthumously as of 1851	
37. <i>Bellinurus arcuatus</i> Baily, 1863	C Coal Measues
38. <i>Bellinurus baldwini</i> Woodward, 1907 <i>b</i>	C Coal Measues
39. <i>Bellinurus bellulus</i> Pictet, 1846	C Coalbrookdale, UK
40. <i>Bellinurus carwayensis</i> Dix & Pringle, 1929	C South Wales, UK
41. <i>Bellinurus concinnus</i> Dix & Pringle, 1929	C South Wales, UK
42. <i>Bellinurus grandaevus</i> Jones & Woodward, 1899	C Nova Scotia
43. <i>Bellinurus iswariensis</i> (Chernyshev, 1928)	C Donetz Basin

44. *Bellinurus kiltorkensis* Baily, 1869 C Coal Measues
45. *Bellinurus koenigianus* Woodward, 1872a C Coal Measues
46. *Bellinurus laceoi* Packard, 1885 C Mazon Creek
47. *Bellinurus longicaudatus* Woodward, 1907b C Coal Measues
48. *Bellinurus lunatus* (Martin, 1809) C Mansfield, UK
49. *Bellinurus metschetensis* (Chernyshev, 1928) C Donetz Basin
50. *Bellinurus morgani* Dix & Pringle, 1930 C South Wales, UK
51. *Bellinurus pustulosus* Dix & Pringle, 1929 C South Wales, UK
52. *Bellinurus reginae* Baily, 1863 C Coal Measues
53. *Bellinurus stepanovi* (Chernyshev, 1928) C Donetz Basin
54. *Bellinurus trechmanni* Woodward, 1918 C Coal Measues
55. *Bellinurus trilobitoides* (Buckland, 1837)* C Coalbrookdale, UK
56. *Bellinurus truemani* Dix & Pringle, 1929 C South Wales, U
- † **Euproops Meek, 1867** **Carbon. – ?Permian**
- = † *Prestwichia* Woodward, 1867 [preoccupied]
- = † *Prestwichianella* Cockerell, 1905 [replacement name for *Prestwichia*]
57. *Euproops anthrax* (Prestwich, 1840) C Coal Measues
58. *Euproops bifidus* Siegfried, 1972 C Coal Measues
59. *Euproops cambrensis* Dix & Pringle, 1929 C Coal Measues
60. *Euproops danae* (Meek & Worthen, 1865)* C Coal Measues
- i. = *Euproops amiae* Woodward, 1918 C Coal Measues
- ii. = *Euproops darrahi* Raymond, 1944 C Coal Measues
- iii. = *Euproops graigolae* Dix & Pringle, 1929 C South Wales
- iv. = *Euproops gventi* Dix & Pringle, 1929 C South Wales
- v. = *Euproops islwyni* Dix & Pringle, 1929 C South Wales
- vi. = *Euproops kilmersdonensis* Ambrose & Romano, 1972 C Kilmersdon, UK
- vii. = *Euproops laevicula* Raymond, 1944 C Coal Measues
- viii. = *Euproops laticephalus* Raymond, 1944 C Coal Measues
- ix. = *Euproops packardi* Willard & Jones, 1935 C Coal Measues
- x. = *Prestwichia* (*Euproops*) *scheeleana* Ebert, 1892 C Coal Measues
- xi. = *Euproops thompsoni* Raymond, 1944 C Coal Measues
61. *Euproops longispina* Packard, 1885 C Mazon Creek
62. *Euproops mariae* Crônier & Courville, 2005 C Massif Central
63. *Euproops meeki* Dix & Pringle, 1929 C South Wales
64. *Euproops nitida* Dix & Pringle, 1929 C South Wales
65. *Euproops orientalis* Kobayashi, 1933 ?P Korea
66. *Euproops rotundatus* Prestwich, 1840 C Coal Measues
- Euproops* sp. in Brauckmann (1982) C Piesberg, Germany
- † **Liomesaspis Raymond, 1944** **Carbon. – Permian**
- = † *Pringlia* Raymond, 1944
- = † *Palatinaspis* Malz & Poschmann, 1993
67. ?*Liomesaspis birtwelli* (Woodward, 1872a) C Coal Measues

68. *Liomesaspis laevis* Raymond, 1944* C Coal Measures
 i. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 C Saar-Nahe Basin
 ii. = *Pringlia bispinosa* Raymond, 1944 C Coal Measures
 iii. = *Pringlia demaisterei* Vandenberghe, 1961 C Coal Measures
 iv. = *Pringlia fritschi* Remy & Remy, 1959 C Coal Measures
69. *Liomesaspis leonardensis* (Tasch, 1961) P Annelly, Kansas
- † **Prolimulus Frič, 1899** **Carboniferous**
70. *Prolimulus woodwardi* Frič, 1899* C Nýřany
- LIMULINA Richter & Richter, 1929** **Carbon. – Recent**
 unnamed specimen in Krause *et al.* (2009) Tr Ohrdruf, Germany
- † **Bellinuroopsis Chernyshev, 1933** **Carboniferous**
 = † *Neobelinuroopsis* Eller, 1938a
71. *Bellinuroopsis rossicus* Chernyshev, 1933* C Coal Measures
- † **ROLFEIIDAE Selden & Siveter, 1987** **Carboniferous**
- † **Rolfeia Waterston, 1985** **Carboniferous**
72. *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 Přibyl, 1967
 = † DUBBOLIMULIDAE Pickett, 1984
- † **Limulitella Størmer, 1952** **Triassic – Jurassic**
 = † *Limulites* Schimper, 1853 [preoccupied]
- Limulitella* sp. in Hauschke *et al.* (2004) Tr Madagascar
 ? *Limulitella* sp. in Hauschke & Wilde (2008) Tr Dallau, Germany
 ? *Limulitella* sp. in Hauschke *et al.* (2009) Tr Winterswijk
 Limulitella sp. in Zuber *et al.* (2017) Tr Winterswijk
 Limulitella or *Psammolimulus* sp. in Križnar & Hitij (2010) Tr Slovenia
73. *Limulitella bronniei* (Schimper, 1853)* Tr Grés à Voltzia
 i. = *Limulus sandbergeri* Kirchner, 1923 Tr Germany
74. *Limulitella henkei* Fritsch, 1906 Tr Halle, Germany
75. ? *Limulitella liasokeuperensis* (Braun, 1860) J Germany
76. *Limulitella tejsraensis* Błażejowski, Niedźwiedzki, Boukhalfa & Soussi, 2017 Tr Tejsra, Tunisia
77. *Limulitella vicensis* (Bleicher, 1897) Tr Lorraine
78. *Limulitella volgensis* Ponomarenko, 1985 Tr Moscow
- † **Paleolimulus Dunbar, 1923** **Carbon. – Triassic**
 = † *Dubbolimulus* Pickett, 1984
79. *Paleolimulus fuchsbergensis* Hauschke & Wilde, 1987 Tr northwest Germany

80. *Paleolimulus jakovlevi* Glushenko in Glushenko & Ivanov, 1961 P Novoselovka, Ukraine
81. ?*Paleolimulus juresanensis* Chernyshev, 1933 C Ural region
82. *Paleolimulus kunguricus* Naugolnykh, 2017 P Cis-Urals
83. *Paleolimulus longispinus* Schram, 1979 C Bear Gulch, Montana
84. *Paleolimulus peetae* (Pickett, 1984) Tr New South Wales
85. *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
- † **Xaniopyramis Siveter & Selden, 1987** **Carboniferous**
86. *Xaniopyramis linseyi* Siveter & Selden, 1987* C Weardale, UK
- LIMULOIDEA Zittel, 1885** **Carbon. – Recent**
- unnamed specimen in Hauschke & Wilde (1989) P Korbacher Bucht
- Limuloidea fam., gen. et sp. indet. in Seegis (2014) Tr Stuttgart Formation
- † **Casterolimulus Holland, Erickson & O'Brien, 1975** **Cretaceous**
87. *Casterolimulus kletti* Holland, Erickson & O'Brien, 1975* K North Dakota
- † **Panduralimulus Allen & Feldman, 2005** **Permian**
88. *Panduralimulus babcocki* Allen & Feldman, 2005* P Texas
- † **Valloisella Racheboeuf, 1992** **Carboniferous**
89. *Valloisella lievinensis* Racheboeuf, 1992* C northern France
- † **AUSTROLIMULIDAE Riek, 1955** **Triassic**
- † ***Austrolimulus* Riek, 1955** **Triassic**
90. *Austrolimulus fletcheri* Riek, 1955* Tr New South Wales
- † ***Vaderlimulus* Lerner, Lucas & Lockley, 2017** **Triassic**
91. *Vaderlimulus tricki* Lerner, Lucas & Lockley, 2017* Tr Idaho, USA
- LIMULIDAE Zittel, 1885** **Triassic – Recent**
- = † MESOLIMULIDAE (Størmer, 1952) [in part; see Reik & Gill (1971)]
- ?Limulidae gen. et sp. indet. in Hauschke *et al.* (1992) Tr Rüdersdorf, Germany
- † ***Crenatolimulus* Feldmann, Schweitzer, Dattilo & Farlow, 2011** **Cretaceous**
92. *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**
93. *Limulus coffini* Reeside & Harris, 1952 K Colorado
94. *Limulus darwini* Kin & Błażejowski, 2014 J Kcynia, Poland
95. “*Limulus*” *decheni* Zinken, 1862 Pa Teuchern, Germany
- Hauschke & Wilde (2004) considered this intermediate between *Limulus* and *Tachypleus*
96. *Limulus priscus* Münster, 1839 Tr Rottweil, Germany
97. *Limulus woodwardi* Watson, 1909 J Northamptonshire

- † **Mesolimulus Størmer, 1952** **Triassic – Cretaceous**
98. *Mesolimulus crespelli* Via Boada, 1987 Tr Tarragona, Spain
99. *Mesolimulus sibiricus* Ponomarenko, 1985 J Siberia
100. *Mesolimulus walchi* (Desmarest, 1822)* J Solnhofen, etc.
- i. = *Limulus brevicauda* Münster in v. d. Hoeven, 1838 J Solnhofen
- ii. = *Limulus brevispina* Münster in v. d. Hoeven, 1838 J Solnhofen
- iii. = *Limulus intermedius* Münster in v. d. Hoeven, 1838 ... J Solnhofen
- iv. = *Limulus ornatus* Münster in v. d. Hoeven, 1838 J Solnhofen
- v. = *Limulus sulcatus* Münster in v. d. Hoeven, 1838 J Solnhofen
- vi. = *Limulus giganteus* Münster, 1840 J Solnhofen
- NB: not entirely clearly that all these names have been formally synonymised
- Mesolimulus* sp. in Ross & Vannier (2002) J southern England
- † **Psammolimulus Lange, 1923** **Triassic**
101. *Psammolimulus gottingensis* Lange, 1923* Tr Göttingen, Germany
- Tachypleus Leach, 1819** **Triassic – Recent**
- = † *Heterolimulus* Via Boada & Villalta, 1966
102. *Tachypleus gadeai* (Via Boada & Villalta, 1966) Tr Tarragona, Spain
103. *Tachypleus syriacus* (Woodward, 1879) K Lebanon
- † **Tarracolimulus Romero & Via Boada, 1977** **Triassic**
104. *Tarracolimulus rieki* Romero & Via Boada, 1977* Tr Tarragona, Spain
- † **Victalimulus Riek & Gill, 1971** **Cretaceous**
105. *Victalimulus mcqueeni* Riek & Gill, 1971* K Koonwarra
- † **Yunnanolimulus Zhang, Hu, Zhou, Iv & Bai, 2009** **Triassic**
106. *Yunnanolimulus luopingensis* Zhang, Hu, Zhou, Iv & Bai, 2009* Tr Luoping, China

INCERTAE SEDIS

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

NOMEN DUBIUM

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

NOMINA NUDA

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

MISIDENTIFICATIONS

1. *Belinurus carterae* Eller, 1940 [synonym of *P. eriensis*; see below]
2. *Bifarius comptae* Tasch, 1961 [insect] P Kansas
3. *Eolimulus alatus* Moberg, 1892 [doubtful xiphosuran] C Öland, Sweden
4. *Elmocephalus carltonensis* (Tasch, 1963) [?crustacean] P Kansas
5. *Hemiaspis tunnecliffei* Chapman, 1932 [trilobite] S Victoria, Australia

6. *Hypatocephala rugosa* Tasch, 1961 [insect] P Kansas
7. *Lemoneites ambiguus* Flower, 1969 [Echinodermata] O Texas
8. *Lemoneites gomphocaudatus* Flower, 1969 [Echinodermata] O Texas
9. *Lemoneites mirabilis* Flower, 1969 [Echinodermata] O Texas
10. *Lemoneites simplex* Flower, 1969 [Echinodermata] O Texas
11. *Pincombella belmontensis* Chapman, 1932 [insect: Hemiptera] P New South Wales
12. *Permolimulinella raris* Tasch, 1963 [insect] P Kansas
13. *Rutroclypeus junori* Withers, 1933 [Echinodermata] D Victoria, Australia
14. *Strongylocephalus charactis* Tasch, 1961 [insect] P Kansas
15. *Protolimulus eriensis* [Xiphosuran trace fossil: see *Selenichnites*]

4 Recent species

CHASMATASPIDIDA

11 currently valid species of fossil chasmataspidid

- there are some doubts about the monophyly of Chasmataspidida

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

no Recent species

EURYPTERIDA

250 currently valid species of fossil sea scorpion

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

† EURYPTERIDA Burmeister, 1843	Ordovician – Permian
= † GIGANTOSTRACA Haeckel, 1866	
= † CYRTOCTENIDA Størmer & Waterston, 1968	
† STYLONURINA Diener, 1924	Ordovician – Permian
= † WOODWARDOPTERINA Kjellesvig-Waering, 1959	
= † HIBBERTOPTERINA Størmer, 1974	
† RHENOPTEROIDEA Størmer, 1951	Ordovician – Devonian
= † BRACHYOPTERELLOIDEA Tollerton, 1989	
† RHENOPTERIDAE Størmer, 1951	Ordovician – Devonian
= † BRACHYOPTERELLIDAE Tollerton, 1989	
† <i>Brachyopterella</i> Kjellesvig-Waering, 1966a	Silurian
1. <i>Brachyopterella pentagonalis</i> (Størmer, 1934b)*	S Ringerike, Norway
2. <i>Brachyopterella ritchiei</i> Waterston, 1979	S Slot Burn, Scotland
† <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>Leiopterella</i> Lamsdell, Braddy, Loeffler & Dineley, 2010	Devonian
6. <i>Leiopterella tetliei</i> Lamsdell, Braddy, Loeffler & Dineley, 2010	D Nunavut, Canada
† <i>Rhenopterus</i> Størmer, 1936a	Devonian
7. <i>Rhenopterus diensti</i> Størmer, 1936a*	D Willwerath, Germ.
i. = <i>Rhenopterus latus</i> Størmer, 1936a	D Willwerath, Germ.
8. <i>Rhenopterus macrotuberculatus</i> Størmer, 1974	D Alken an der Mosel
9. <i>Rhenopterus tuberculatus</i> Størmer, 1936a	D Overath, Germ.
† STYLONUROIDEA Kjellesvig-Waering, 1959	Silurian – Devonian
† PARASTYLONURIDAE Waterston, 1979	Silurian – Devonian
† <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
- † **DREPTOPTERIDAE 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 oculatus* (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

- † **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 burglahrensis* 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 ancylotelson* Størmer, 1974* D Alken an der Mosel
 63. *Moselopterus elongatus* Størmer, 1974 D Alken an der Mosel
 64. *Moselopterus lancmani* (Delle, 1937) D Plavinas, Latvia
- † **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 scorpoides* (Woodward, 1868) S Lesmahagow
 i. = *Pterygotus raniceps* Woodward, 1868 S Lesmahagow
 118. *Carcinosoma scoticus* (Laurie, 1899) S Pentland Hills, Scotl.
 119. ?*Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 S Pittsford, New York
- † ***Eocarcinosoma* Caster & Kjellesvig-Waering, 1964** **Ordovician**
 120. *Eocarcinosoma batrachophthalmus* Caster & Kjellesvig-Waering,
 1964* O Ohio
- † ***Eusarcana* Strand, 1942** **Silurian – Devonian**
 = † *Eusarcus* Grote & Pitt, 1875 [preoccupied]
 = † *Paracarcinosoma* Caster & Kjellesvig-Waering, 1964
121. *Eusarcana acrocephalus* (Semper, 1898) S–D Barrandian area
 122. *Eusarcana obesus* (Woodward, 1868) S Lesmahagow
 123. *Eusarcana scorpionis* (Grote & Pitt, 1875)* S New York / Ontario
- † ***Rhinocarcinosoma* Novojilov, 1962** **Silurian**
 124. *Rhinocarcinosoma cicerops* (Clarke, 1907) S Otisville, New York
 125. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 S Dô Son, Vietnam
 126. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)* S Clinton, New York
- † **MIXOPTERIDAE Caster & Kjellesvig-Waering, 1955** **Silurian**
 = † LANARKOPTERIDAE Tollerton, 1989
- † ***Lanarkopterus* Ritchie, 1968** **Silurian**
 127. *Lanarkopterus dolichoschelus* (Størmer, 1936b)* S Scotland
- † ***Mixopterus* Ruedemann, 1921** **Silurian**
 128. *Mixopterus kiaeri* Størmer, 1934b S Ringerike, Norway
 129. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)* S New York
 130. *Mixopterus simonsoni* Schmidt, 1883 S Saaremaa, Estonia
- † **'WAERINGOPTEROIDEA'** **Silurian – Devonian**
 superfamily name appears to be derived from a thesis, a family Waeringopteridae has not been
 formally published
- † ***Grossopterus* Størmer, 1934c** **Devonian**
 131. *Grossopterus overathi* (Gross, 1933)* D Overath
 132. *Grossopterus inexpectans* (Ruedemann, 1921) D Gilboa
- † ***Orcanopterus* Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** **Ordovician**
 133. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser

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

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

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

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

EURYPTERIDA *incertae sedis*

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

NOMINA DUBIA

1. *Bunodella horrida* Matthew, 1888 [non Xiphosura] S New Brunswick
2. ?*Dunsopterus wrightianus* Dawson 1881 D New York
3. *Eurypterella ornata* Matthew, 1888 C 'Fern Ledges'
4. *Eurypterus potens* Hall, 1884 C Pennsylvania
5. *Eurypterus pulicaris* Salter, 1863 D New Brunswick
6. *Hastimima sewardi* Strand, 1926 D South Africa
7. ?*Pterygotus formosus* Dawson, 1871 D Gaspé, Canada
8. *Pterygotus nobilis* Barrande, 1872 S Barrandian area
9. *Pterygotus 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.

PSEUDOFOSILS

1. *Brachyoptereilla magna* (Clarke & Ruedemann, 1912) O New York
2. *?Carcinosoma linguata* (Clarke & Ruedemann, 1912) O New York
3. *?Carcinosoma longiceps* (Clarke & Ruedemann, 1912) O New York
4. *Dolichopterus antiquus* Ruedemann, 1942 O New York
5. *Dolichopterus frankfortensis* (Clarke & Ruedemann, 1912) O New York
6. *Dolichopterus insolitus* Ruedemann, 1926 O New York
7. *?Dolichopterus stellatus* (Clarke & Ruedemann, 1912) O New York
8. *?Drepanopterus ruedemanni* (O'Connell, 1916) O New York
9. *?Eocarcinosoma breviceps* (Ruedemann, 1926) O New York
10. *Eocarcinosoma ruedemanni* (Flower, 1945) O New York
11. *Eocarcinosoma triangulatus* (Clarke & Ruedemann, 1912) O New York
12. *Erettopterus walcotti* (Ruedemann, 1926) O New York
13. *Erieopterus chadwicki* (Clarke & Ruedemann, 1912) O New York
14. *Erieopterus hudsonicus* (Ruedemann, 1934) O New York
15. *?Eurypterus decepiens* (Ruedemann, 1942) O New York
16. *Eurypterus indicus* Dubey, 1985 pC M. Pradesh, India
17. *?Eurypterus pristinus* (Clarke & Ruedemann, 1912) O New York
18. *Eurypterus vermai* Dubey, 1985 pC M. Pradesh, India
19. *Hughmilleria chiplokari* Dubey, 1985 pC M. Pradesh, India
20. *Hughmilleria kilfoylei* Ruedemann, 1934 O New York

21. *Hughmilleria prisca* Ruedemann, 1934 O New York
 22. *Hughmilleria uticana* Ruedemann, 1926 O New York
 23. *Parastylonurus rusti* (Ruedemann, 1926) O New York
 24. *Pterygotus deepkillensis* Ruedemann, 1934 O New York
 25. *Pterygotus nasutus* Clarke & Ruedemann, 1912 O New York
 26. ?*Pterygotus normanskillensis* Clarke & Ruedemann, 1912 O New York
 27. *Ruedemannipterus breviceps* (Clarke & Ruedemann, 1912) O New York
 28. *Ruedemannipterus latifrons* (Clarke & Ruedemann, 1912) O New York
 29. *Stylonurella modestus* (Clarke & Ruedemann, 1912) O New York
 30. *Stylonuroides limbatus* (Clarke & Rudemann, 1912) O New York
 31. ?*Waeringopterus pristinus* (Ruedemann, 1942) O New York
 32. *Waeringopterus prolificus* (Clarke & Ruedemann, 1912) O New York

no Recent species

SCORPIONES

145 currently valid species of fossil scorpion

SCORPIONES C. L. Koch, 1851	Silurian – Recent
† Plesion (Family) PROSCORPIIDAE Scudder, 1885	Silurian – Carbon.
= † ARCHAEOCTONIDAE Petrunkevitch, 1949	
= † HYDROSCORPIONIDAE Kjellesvig-Waering, 1986	
= † LABRIOSCORPIONIDAE Kjellesvig-Waering, 1986	
= † STOERMEROSCORPIONIIDAE Kjellesvig-Waering, 1986	
= † WAERINGOSCORPIONIDAE Størmer, 1970	
† Archaeoctonus Pocock, 1911	Carboniferous
1. <i>Archaeoctonus glaber</i> (Peach, 1883)*	C Glencartholm
† Hydroscorpius Kjellesvig-Waering, 1986	Devonian
2. <i>Hydroscorpius denisoni</i> Kjellesvig-Waering, 1986*	D Wyoming
† Labriscorpio Leary, 1980	Carboniferous
3. <i>Labriscorpio alliedensis</i> Leary, 1980*	C Illinois
† Proscorpius Whitfield, 1885b	Silurian
= † <i>Archaeophonus</i> Kjellesvig-Waering, 1966b	
= † <i>Stoermeroscorpio</i> Kjellesvig-Waering, 1986	
4. <i>Proscorpius osborni</i> (Whitfield, 1885a)*	S ‘Bertie Waterlime’
i. = <i>Archaeophonus eurypteroides</i> Kjellesvig-Waering,	
1966b*	S ‘Bertie Waterlime’
ii. = <i>Stoermeroscorpio delicatus</i> Kjellesvig-Waering, 1986	S ‘Bertie Waterlime’
† Pseudoarchaeoctonus Kjellesvig-Waering, 1986	Carboniferous
5. <i>Pseudoarchaeoctonus denticulatus</i> Kjellesvig-Waering, 1986*	C Glencartholm
† Waeringoscorpio Størmer, 1970	Devonian
6. <i>Waeringoscorpio hefteri</i> Størmer, 1970*	D Alken an der Mosel
7. <i>Waeringoscorpio westerwaldensis</i> Poschmann, Dunlop, Kamenz & Scholtz, 2008	D Westerwald
† BILOBOSTERNINA Kjellesvig-Waering, 1986 (suborder)	Silurian – Devonian
† BRANCHIOSCORPIONOIDEA Kjellesvig-Waering, 1986	Devonian
† BRANCHIOSCORPIONIIDAE Kjellesvig-Waering, 1986	Devonian
† Branchioscorpio Kjellesvig-Waering, 1986	Devonian
8. <i>Branchioscorpio richardsoni</i> Kjellesvig-Waering, 1986*	D Wyoming
† DOLICHOPHONIIDAE Petrunkevitch, 1953	Silurian
† Dolichophonus Petrunkevitch, 1949	Silurian

9. *Dolichophonus loudonensis* (Laurie, 1899)* S Pentland Hills
- † **HOLOSTERNINA Kjellesvig-Waering, 1986** **Devonian**
- † **ACANTHOSCORPIONOIDEA Kjellesvig-Waering, 1986** **Devonian**
- † **ACANTHOSCORPIONIIDAE Kjellesvig-Waering, 1986** **Devonian**
- † ***Acanthoscorpio* Kjellesvig-Waering, 1986** **Devonian**
10. *Acanthoscorpio mucronatus* Kjellesvig-Waering, 1986* D Wyoming
- † **STENOSCORPIONIIDAE Kjellesvig-Waering, 1986** **Triassic**
- † ***Stenoscorpio* Kjellesvig-Waering, 1986** **Triassic**
11. *Stenoscorpio gracilis* (Wills, 1910)* Tr Keuper sandstone
12. *Stenoscorpio pseudogracilis* (Wills, 1947) Tr Keuper sandstone
- † **ALLOPALAEOPHONOIDEA Kjellesvig-Waering, 1986** **Silurian**
- † **ALLOPALAEOPHONIDAE Kjellesvig-Waering, 1986** **Silurian**
- † ***Allopalaeophonus* Kjellesvig-Waering, 1986** **Silurian**
13. *Allopalaeophonus caledonicus* (Hunter, 1886)* S Logan Water
- i. = *Palaeophonus hunteri* Pocock, 1901 S Logan Water
- † **EOCTONOIDEA Kjellesvig-Waering, 1986** **Carboniferous**
- † **ALLOBUTHISCORPIIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- Allobuthiscorpius* is now a junior synonym (see below)
- † ***Aspiscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
14. *Aspiscorpio eageri* Kjellesvig-Waering, 1986* C Sparth Bottoms
- Aspiscorpio* sp. in Poschmann (2009) C Saar
- † **ANTHRACOSCORPIONIDAE Frič, 1904** **Carboniferous**
- † ***Allobuthus* Kjellesvig-Waering, 1986** **Carboniferous**
15. *Allobuthus pescei* (Vachon & Heyler, 1985)* C Montceau-les-Mines
- † ***Anthracoscorpio* Kušta, 1885** **Carboniferous**
16. *Anthracoscorpio dunlopi* Pocock, 1911 C Airdrie
17. *Anthracoscorpio juvenis* Kušta, 1885* C Rakovník
- † **BUTHISCORPIIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Buthiscorpius* Petrunkevitch, 1953** **Carboniferous**
18. *Buthiscorpius lemayi* Kjellesvig-Waering, 1986 C Illinois
- † **EOCTONIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Eoctonus* Petrunkevitch, 1913** **Carboniferous**
19. *Eoctonus miniatus* Petrunkevitch, 1913* C Mazon Creek
- † **GARNETTIIDAE Dubinin, 1962** **Carboniferous**

- † **Garnettius Petrunkevitch, 1953** **Carboniferous**
 20. *Garnettius hungerfordi* (Elias, 1936)* C Garnett, Kansas
- † **GIGANTOSCORPIONOIDEA Kjellesvig-Waering, 1986** **Devonian – Carbon.**
- † **GIGANTOSCORPIONIDAE Kjellesvig-Waering, 1986** **Devonian – Carbon.**
 = † PETALOSCORPIONIDAE Kjellesvig-Waering, 1986
- † **Gigantoscopus Størmer, 1963** **Carboniferous**
 21. *Gigantoscopus willsi* Størmer, 1963* C Glencartholm
- † **Petaloscopus Kjellesvig-Waering, 1986** **Devonian**
 22. *Petaloscopus bureaui* Kjellesvig-Waering, 1986* D Miguasha, Quebec
- † **MESOPHONOIDEA Wills, 1910** **Carbon. – Triassic**
- † **CENTROMACHIDAE Petrunkevitch, 1953** **Carboniferous**
 = † ANTHRACOAERILIDAE 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
- † **Phoxiscopus Kjellesvig-Waering, 1986** **Carboniferous**
 27. *Phoxiscopus peachi* Kjellesvig-Waering, 1986* C Dalmeny, Edinburgh
- † **Pulmonoscopus Jeram, 1994a** **Carboniferous**
 28. *Pulmonoscopus kirktonensis* Jeram, 1994a* C East Kirkton
- † **GALLIOSCORPIONIDAE Lourenço & Gall, 2004** **Triassic**
- † **Gallioscorpia Lourenço & Gall, 2004** **Triassic**
 29. *Gallioscorpia voltzi* Lourenço & Gall, 2004* Tr Vosges, France
- † **HELOSCORPIONIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † **Heloscopus Kjellesvig-Waering, 1986** **Carboniferous**
 30. *Heloscopus sutcliffei* (Woodward, 1907b)* C Sparth Bottoms
- † **MAZONIIDAE Petrunkevitch, 1913** **Carboniferous**
- † **Mazonia Meek & Worthen, 1868b** **Carboniferous**
 31. *Mazonia wardingleyi* (Woodward, 1907b) C Sparth Bottoms
 32. *Mazonia woodiana* Meek & Worthen, 1868b* C Mazon Creek

† MESOPHONIDAE Wills, 1910	Triassic
† Mesophonus 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
† Willsiscorpio Kjellesvig-Waering, 1986	Triassic
36. <i>Willsiscorpio bromsgroviensis</i> (Wills, 1910)*	Tr Keuper sandstone
† PALAEOSCORPOIDEA Lehmann, 1944	Devonian – Triassic
† PALAEOSCORPIONIDAE Lehmann, 1944	Devonian
† Palaeoscorpio Lehmann, 1944	Devonian
37. <i>Palaeoscorpio devonicus</i> Lehmann, 1944*	D Hunsrückschiefer
Kühl <i>et al.</i> (2012) simply list the genus unplaced under Protoscorpionina	
† SPONGIOPHONOIDEA Kjellesvig-Waering, 1986	Devonian – Triassic
† PRAERCTURIDAE Kjellesvig-Waering, 1986	Devonian
† Praearcturus Woodward, 1871a	Devonian
38. <i>Praearcturus gigas</i> Woodward, 1871a*	D Rowlestone
† SPONGIOPHONIDAE Kjellesvig-Waering, 1986	Triassic
† Spongiophonon 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
† Cyclophthalmus 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
† Microlabis Corda, 1839	Carboniferous
43. <i>Microlabis sternbergii</i> Corda, 1839*	C Cholme
† PALAEOBUTHOIDEA Kjellesvig-Waering, 1986	Carboniferous
† PALAEOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† Palaeobuthus Petrunkevitch, 1913	Carboniferous
= † <i>Mazoniscorpio</i> Wills, 1960	

44. *Palaeobuthus distinctus* Petrunkevitch, 1913* C Mazon Creek
 ii. = *Mazoniscorpio mazonensis* Wills, 1960 C Mazon Creek
- † **LOBOSTERNINA Pocock, 1911** **Silurian – Carbon.**
- † **ISOBUTHOIDEA Petrunkevitch, 1913** **Carboniferous**
- † **EOBUTHIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Eobuthus* Frič, 1904** **Carboniferous**
45. *Eobuthus cordai* Kjellesvig-Waering, 1986 C Kralupy Hill
46. *Eobuthus holti* Pocock, 1911 C Sparth Bottoms
47. *Eobuthus rakovnicensis* Frič, 1904* C Rakovník
- † **EOSCORPIIDAE Scudder, 1884** **Carboniferous**
- † ***Eoscorpius* Meek & Worthen, 1868a** **Carboniferous**
- = † *Alloscorpius* Petrunkevitch, 1949
- = † *Europhthalmus* Petrunkevitch, 1949
- = † *Lichnophthalmus* Petrunkevitch, 1949
- = † *Trigonoscorpio* Petrunkevitch, 1913
- = † *Typhloscorpius* Petrunkevitch, 1949
48. *Eoscorpius bornaensis* Sterzel, 1918 C Chemnitz–Borna
49. *Eoscorpius carbonarius* Meek & Worthen, 1868a* C Mazon Creek
- i. = *Eoscorpius typicus* Petrunkevitch, 1913 C Mazon Creek
- ii. = *Eoscorpius granulatus* Petrunkevitch, 1913 C Mazon Creek
- iii. = *Trigonoscorpio americanus* Petrunkevitch, 1913 C Mazon Creek
50. *Eoscorpius casei* Kjellesvig-Waering, 1986 C Nova Scotia
51. *Eoscorpius distinctus* (Petrunkevitch, 1949) C Coseley
52. *Eoscorpius mucronatus* Kjellesvig-Waering, 1986 C Barnsley
53. *Eoscorpius pulcher* (Petrunkevitch, 1949) C Barnsley
- i. = *Europhthalmus longimanus* Petrunkevitch, 1949 C Barnsley
54. *Eoscorpius sparthensis* Baldwin & Sutcliffe, 1904 C Sparth Bottoms
- Eoscorpius* sp. in Poschmann *et al.* (2016) C Graissessac, France
- † ***Eskioscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
55. *Eskioscorpio parvus* Kjellesvig-Waering, 1986* C Glencartholm
- † ***Trachyscorpio* 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
- † ***Bromsgrovioscorpio* Kjellesvig-Waering, 1986** **Triassic**
58. *Bromsgrovioscorpio willsi* Kjellesvig-Waering, 1986* Tr Keuper sandstone
- † ***Feistmantelia* Frič, 1904** **Carboniferous**
59. *Feistmantelia ornata* Frič, 1904* C Studnoves

† <i>Isobuthus</i> Frič, 1904	Carboniferous
60. <i>Isobuthus kralupensis</i> (Thorell & Lindström, 1885)*	C Kralup
61. ? <i>Isobuthus nyranensis</i> Frič, 1904	C Nýřany
† KRONOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Kronoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
62. <i>Kronoscorpio danielsi</i> (Petrunkevitch, 1913)*	C Mazon Creek
† PAREOBUTHIDAE Wills, 1959	Carboniferous
† <i>Pareobuthus</i> Wills, 1959	Carboniferous
63. <i>Pareobuthus salopiensis</i> Wills, 1959*	C Shropshire
† PARAISOBUTHOIDEA Kjellesvig-Waering, 1986	Carboniferous
† PARAISOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Paraisobuthus</i> Kjellesvig-Waering, 1986	Carboniferous
64. <i>Paraisobuthus duobicarinatus</i> Kjellesvig-Waering, 1986	C Shipley
65. <i>Paraisobuthus frici</i> Kjellesvig-Waering, 1986	C Kralupy Hill
66. <i>Paraisobuthus prantli</i> Kjellesvig-Waering, 1986*	C Rakovník
67. <i>Paraisobuthus virginiae</i> Kjellesvig-Waering, 1986	C Mazon Creek
<i>Parisobuthus</i> [sic] sp. in Gutiérrez-Marco et al. (2005)	C León, Spain
† SCOLOPOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Benniescorpio</i> Wills, 1960	Carboniferous
68. <i>Benniescorpio tuberculatus</i> (Peach, 1883)*	C Dysart, Fife
† <i>Scoloposcorpio</i> Kjellesvig-Waering, 1986	Carboniferous
69. <i>Scoloposcorpio cramondensis</i> Kjellesvig-Waering, 1986*	C Cramond, Edinburgh
† TELMATOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Telmatoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
70. <i>Telmatoscorpio brevipectus</i> Kjellesvig-Waering, 1986*	C Mazon Creek
† LOBOARCHAEOCTONOIDEA Kjellesvig-Waering, 1986	Carboniferous
† LOBOARCHAEOCTONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Loboarchaeoctonus</i> Kjellesvig-Waering, 1986	Carboniferous
71. <i>Loboarchaeoctonus squamosus</i> Kjellesvig-Waering, 1986*	C Glencartholm
† WATERSTONIIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Waterstonia</i> Kjellesvig-Waering, 1986	Carboniferous
72. <i>Waterstonia airdriensis</i> 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
- ORTHOSTERNINA Pocock, 1911** **Carbon. – Recent**
Orthosternina incertae sedis
- † *Corniops* Jeram, 1994b **Carboniferous**
 75. *Corniops mapesii* Jeram, 1994b* C Lone Star Lake
- SCORPIONIOIDEA Latreille, 1802** **Carbon. – Recent**
 † **PALAEOPISTHACANTHIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
 † *Cryptoscorpium* Jeram, 1994b **Carboniferous**
 76. *Cryptoscorpium americanus* Jeram, 1994b* C Lone Star Lake
- † *Palaeopisthacanthus* Petrunkevitch, 1913 **Carboniferous**
 77. *Palaeopisthacanthus schucherti* Petrunkevitch, 1913* C Mazon Creek
 78. *Palaeopisthacanthus vogelandurdeni* Jeram, 1994b C Lone Star Lake
- family uncertain**
- † *Compsoscorpium* Petrunkevitch 1949 **Carboniferous**
 = † *Allobuthiscorpium* Kjellesvig-Waering, 1986
 = † *Coseleyscorpium* Kjellesvig-Waering, 1986
 = † *Leioscorpium* Kjellesvig-Waering, 1986
 = † *Lichnoscorpium* Petrunkevitch, 1949
 = † *Pseudobuthiscorpium* Kjellesvig-Waering, 1986
 = † *Typhlopisthacanthus* Petrunkevitch, 1949
79. *Compsoscorpium buthiformis* (Pocock, 1911)* C Coal Measures
 i. = *Typhlopisthacanthus anglicus* Petrunkevitch, 1949 ... C Coseley
 ii. = *Lichnoscorpium minutus* Petrunkevitch, 1949 C Coseley
 iii. = *Compsoscorpium elegans* Petrunkevitch 1949 C Coseley
 iv. = *Compsoscorpium elongatus* Petrunkevitch, 1949 C Coseley
 v. = *Buthiscorpium major* Wills, 1960 C Kilburn Coal
 vi. = *Leioscorpium pseudobuthiformis* Kjellesvig-Waering,
 1986 C Coseley
 vii. = *Pseudobuthiscorpium labiosus* Kjellesvig-Waering,
 1986 C Coseley
 viii. = *Coseleyscorpium lanceolatus* Kjellesvig-Waering, 1986 C Coseley
 ix. = *Allobuthus macrostethus* Kjellesvig-Waering, 1986 C Coseley
Compsoscorpium sp. in Poschmann et al. (2016) C Graissessac, France
- PSEUDOCHACTIDAE Gromov, 1998** **Recent**
 no fossil record

BUTHOIDEA C. L. Koch, 1837	Triassic – Recent
† ARCHAEOBUTHIDAE Lourenço, 2001	Cretaceous
† <i>Archaeobuthus</i> Lourenço, 2001	Cretaceous
80. <i>Archaeobuthus estephani</i> Lourenço, 2001*	K Lebanese amber
† PALAEOBURMESEBUTHIDAE Lourenço, 2015a	Cretaceous
† <i>Betaburmesebuthus</i> Lourenço & Beigel, 2015a	Cretaceous
81. <i>Betaburmesebuthus bellus</i> Lourenço, 2016a	K Burmese amber
82. <i>Betaburmesebuthus bidentatus</i> Lourenço, 2015c	K Burmese amber
83. <i>Betaburmesebuthus fleissneri</i> Lourenço in Lourenço & Velten, 2016	K Burmese amber
84. <i>Betaburmesebuthus joergi</i> Lourenço & Rossi, 2017	K Burmese amber
85. <i>Betaburmesebuthus kobberti</i> Lourenço & Beigel, 2015a*	K Burmese amber
86. <i>Betaburmesebuthus muelleri</i> Lourenço, 2015c	K Burmese amber
† <i>Palaeoburmesebuthus</i> Lourenço, 2002	Cretaceous
87. <i>Palaeoburmesebuthus grimaldii</i> Lourenço, 2002*	K Burmese amber
88. <i>Palaeoburmesebuthus knodeli</i> Lourenço, 2018	K Burmese amber
89. <i>Palaeoburmesebuthus longimanus</i> Lourenço & Rossi, 2017	K Burmese amber
90. <i>Palaeoburmesebuthus ohlhoffi</i> Lourenço, 2015b	K Burmese amber
† <i>Spinoburmesebuthus</i> Lourenço, 2002	Cretaceous
91. <i>Spinoburmesebuthus pohli</i> Lourenço in Lourenço & Velten, 2017*	K Burmese amber
† CHAERILOBUTHIDAE Lourenço & Beigel, 2011	Cretaceous
† <i>Chaerilobuthus</i> Lourenço & Beigel, 2011	Cretaceous
92. <i>Chaerilobuthus birmanicus</i> Lourenço, 2015b	K Burmese amber
93. <i>Chaerilobuthus bruckschi</i> Lourenço, 2015b	K Burmese amber
94. <i>Chaerilobuthus complexus</i> Lourenço & Beigel, 2011*	K Burmese amber
95. <i>Chaerilobuthus enigmaticus</i> Lourenço, 2015d	K Burmese amber
96. <i>Chaerilobuthus gigantosternum</i> Lourenço, 2016b	K Burmese amber
97. <i>Chaerilobuthus longiaculeus</i> Lourenço, 2013b	K Burmese amber
98. <i>Chaerilobuthus schwarzi</i> Lourenço in Lourenço & Velten, 2015	K Burmese amber
99. <i>Chaerilobuthus serratus</i> Lourenço, 2016b	K Burmese amber
† PALAEOTRILINEATIDAE Lourenço, 2012b	Cretaceous
† <i>Palaeotrilineatus</i> Lourenço, 2012b	Cretaceous
100. <i>Palaeotrilineatus ellenbergeri</i> Lourenço, 2012b*	K Burmese amber
† SUCINLOURENCOIDAE Rossi, 2015	Cretaceous
† <i>Sucinlourencous</i> Rossi, 2015	Cretaceous
101. <i>Sucinlourencous adrianae</i> Rossi, 2015*	K Burmese amber
† PROTOBUTHIDAE Lourenço & Gall, 2004	Triassic

† <i>Protobuthus</i> Lourenço & Gall, 2004	Triassic
102. <i>Protobuthus elegans</i> Lourenço & Gall, 2004*	Tr Vosges
BUTHIDAE C. L. Koch, 1837	Palaeogene – Recent
= ANDROCTONIDAE C. L. Koch, 1837	
= MICROCHARMIDAE Lourenço, 1996a	
Centruroides Marx, 1890a	Neogene – Recent
103. <i>Centruroides nitidus</i> (Thorell, 1876a) [Recent]	Ne Dominican amber
i. = <i>Centruroides beynai</i> Schawaller, 1979a	Ne Dominican amber
Microcharmum Lourenço, 1995	Quaternary – Recent
104. <i>Microcharmum henderickxi</i> (Lourenço, 2009a)	Qt Madagascar copal
Microtityus Kjellesvig-Waering, 1966c	Neogene – Recent
105. <i>Microtityus ambarensis</i> (Schawaller, 1982a)	Ne Dominican amber
† Palaeoakentrobuthus Lourenço & Weitschat, 2000	Palaeogene
106. <i>Palaeoakentrobuthus knodeli</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† Palaeoananteris Lourenço & Weitschat, 2001	Palaeogene
107. <i>Palaeoananteris ribnitiodamgartensis</i> Lourenço & Weitschat, 2001* ...	Pa Baltic amber
108. <i>Palaeoananteris ukrainensis</i> Lourenço & Weitschat, 2009	Pa Rovno amber
109. <i>Palaeoananteris wunderlichi</i> Lourenço, 2004	Pa Baltic amber
† Palaeoisometrus Lourenço & Weitschat, 2005a	Palaeogene
110. <i>Palaeoisometrus elegans</i> Lourenço & Weitschat, 2005a*	Pa Baltic amber
† Palaeogrosphus Lourenço, 2000a	Quaternary
111. <i>Palaeogrosphus copalensis</i> (Lourenço, 1996b)	Qt Copal
112. <i>Palaeogrosphus jacquesi</i> Lourenço & Henderickx, 2002	Qt Copal
† Palaeolychas Lourenço & Weitschat, 1996	Palaeogene
113. <i>Palaeolychas balticus</i> Lourenço & Weitschat, 1996*	Pa Baltic amber
114. <i>Palaeolychas weitschati</i> Lourenço, 2012a	Pa Baltic amber
† Palaeoprotobuthus Lourenço & Weitschat, 2000	Palaeogene
115. <i>Palaeoprotobuthus pusillus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† Palaeospinobuthus Lourenço, Henderickx & Weitschat, 2005	Palaeogene
116. <i>Palaeospinobuthus cenozoicus</i> Lourenço, Henderickx &	
Weitschat, 2005*	Pa Baltic amber
† Palaeotityobuthus Lourenço & Weitschat, 2000	Palaeogene
117. <i>Palaeotityobuthus longiaculeus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
Tityus C. L. Koch, 1836	?Palaeogene – Recent
118. <i>Tityus apozonalli</i> Riquelme <i>et al.</i> , 2015	Ne Chiapas amber
119. <i>Tityus azari</i> Lourenço, 2013a	Ne Dominican amber
120. ‘ <i>Tityus</i> ’ <i>eogenus</i> Menge, 1869 [presumably misplaced]	Pa Baltic amber
121. <i>Tityus geratus</i> Santiago-Blay & Poinar, 1988	Ne Dominican amber
122. <i>Tityus (Brazilotityus) hartkorni</i> Lourenço, 2009b	Ne Dominican amber
123. <i>Tityus (Brazilotityus) knodeli</i> Lourenço, 2014	Ne Chiapas amber

† <i>Uintascorpio</i> Perry, 1995	Palaeogene
124. <i>Uintascorpio halandrasorum</i> Perry, 1995*	Pa Green River
BUTHIDAE incertae sedis	
125. ‘ <i>Scorpio</i> ’ <i>schweiggeri</i> Holl, 1829	Qt Copal [not amber!]
BOTHRIURIDAE Simon, 1880	Recent
= TELEGONIDAE Peters, 1861 [based on a generic homonym]	
= ACANTHOCHIROIDAE Karsch, 1880 <i>b</i>	
no fossil record	
CHACTOIDEA Pocock, 1893	Cretaceous – Recent
† PALAEOEUSCORPIIDAE Lourenço, 2003	Cretaceous
† <i>Archaeoscorpiops</i> Lourenço, 2015 <i>a</i>	Cretaceous
126. <i>Archaeoscorpiops cretacicus</i> Lourenço, 2015 <i>a</i> *	K Burmese amber
† <i>Burmesescorpiops</i> Lourenço, 2016	Cretaceous
127. <i>Burmesescorpiops groehni</i> Lourenço, 2016 <i>b</i> *	K Burmese amber
† <i>Palaeoescorpius</i> Lourenço, 2003	Cretaceous
128. <i>Palaeoescorpius gallicus</i> Lourenço, 2003*	K French amber
CHACTIDAE Pocock, 1893	Cretaceous – Recent
= BROTEIDAE Simon, 1879 <i>a</i> [supressed for lack of useage]	
† <i>Araripescorpius</i> Campos, 1986	Cretaceous
129. <i>Araripescorpius ligabuei</i> Campos, 1986*	K Crato Formation
Chactas Gervais, 1844	Subrecent – Recent
130. <i>Chactas pleistocenicus</i> Lourenço & Weitschat, 2005 <i>b</i>	Qt Colombian copal
AKRAVIDAE Levy, 2007	Recent
no fossil record	
CHAERILIDAE Pocock, 1893	Cretaceous – Recent
† <i>Electrochaerilus</i> Santiago-Blay <i>et al.</i> , 2004	Cretaceous
131. <i>Electrochaerilus buckleyi</i> Santiago-Blay <i>et al.</i> , 2004	K Burmese amber
DIPLOCENTRIDAE Karsch, 1880<i>b</i>	Recent
no fossil record	
EUSCORPIIDAE Laurie, 1896	?Paleogene – Recent
tentative familial assignment	
† <i>Eoescorpius</i> Kühl & Lourenco, 2017	?Paleogene – Recent
132. <i>Eoescorpius ceratoi</i> Kühl & Lourenco, 2017*	Pa Pesciara, Italy
HETEROSCORPIONIDAE Kraepelin, 1905	Recent

no fossil record

HEMISCORPIIDAE Pocock, 1893 **Cretaceous – Recent**

= ISCHNURIDAE Simon, 1879a

= LIOCHELIDAE Fet & Bechly, 2001

= † PROTOISCHNURIDAE Carvalho & Lourenço, 2001

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

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

IURIDAE Thorell, 1876b **Recent**

no fossil record

SCORPIONIDAE Latreille, 1802 **Neogene – Recent**

= PANDINOIDAE Thorell, 1876b

= HETEROMETRIDAE Simon, 1879a

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

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

† **Sinoscorpium Hong, 1983a** **Neogene**

135. *Sinoscorpium shandongensis* Hong, 1983a* Ne Shandong, China

SUPERSTITIONIIDAE Stahnke, 1940 **Recent**

no fossil record

TROGLOTAYOSICIDAE Lourenço, 1998 **Recent**

no fossil record

VAEJOVIDAE Thorell, 1876b **Recent**

no fossil record

SCORPIONES *incertae sedis*

Scorpiones incertae sedis in Dunlop & Selden (2013) S Trecastle, Wales

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

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

† **Eramoscorpium Waddington, Rudkin & Dunlop, 2015** **Silurian**

137. *Eramoscorpium brucensis* Waddington, Rudkin & Dunlop, 2015* S Ontario, Canada

† **Gondwanascorpium Gess, 2013** **Devonian**

138. *Gondwanascorpium emzantsiensis* Gess, 2013* D Grahamstown

† **Gymnoscorpium Jeram, 1994b** **Carboniferous**

139. *Gymnoscorpium mutillidigitatus* Jeram, 1994b* C northern England

† **Hubeiscorpium Walossek, Li & Brauckmann, 1990** **Devonian**

140. *Hubeiscorpium gracilitarsis* Walossek, Li & Brauckmann, 1990* D Hubei, China

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

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

† <i>Palaeomachus</i> Pocock, 1911	Carboniferous
142. <i>Palaeomachus anglicus</i> (Woodward, 1876)*	C Mansfield
† <i>Permomatveevia</i> Dammann, 2017	Permian
143. <i>Permomatveevia perneri</i> Dammann, 2017*	P Matvévo, Urals
† <i>Titanoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
144. <i>Titanoscorpio douglassi</i> Kjellesvig-Waering, 1986	C Mazon Creek
† <i>Wattisonia</i> Wills, 1960	Carboniferous
145. <i>Wattisonia coseleyensis</i> Wills, 1960	C Coseley

MISIDENTIFICATIONS

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

2,408 Recent species

OPILIONES

41 currently valid species of fossil harvestman

OPILIONES Sundevall, 1833 Devonian – Recent

CYPHOPHTHALMI Simon, 1879a (suborder) Cretaceous – Recent

NEOGOVEIDAE Shear, 1980 Recent

no fossil record

OGOVEIDAE Shear, 1980 Recent

no fossil record

PETTALIDAE Shear, 1980 Recent

no fossil record

SIRONIDAE Simon, 1879a Palaeogene – Recent

Siro Latreille, 1796 Palaeogene – Recent

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

STYLOCELLIDAE Hansen & Sørensen, 1904 Cretaceous – Recent

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

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

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

TROGLOSIRONIDAE Shear, 1993 Recent

no fossil record

TETROPHTHALMI Garwood, Sharma, Dunlop & Giribet, 2014

(suborder) Devonian – Carbon.

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

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

† ***Hastocularis* Garwood, Sharma, Dunlop & Giribet, 2014** 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. <i>Archaeometa nephilina</i> Pocock, 1911*	C Coseley
originally misidentified as spiders, transferred to Opiliones by Selden <i>et al.</i> (2016)	
EUPNOI Hansen & Sørensen, 1904 (suborder)	Devonian – Recent
plesion taxa	
† Brigantibunum Dunlop & Anderson, 2005	Carboniferous
7. <i>Brigantibunum listoni</i> Dunlop & Anderson, 2005*	C East Kirkton
† Kustarachne Scudder, 1890b	Carboniferous
8. <i>Kustarachne tenuipes</i> Scudder, 1890b*	C Mazon Creek
i. = <i>Kustarachne exstincta</i> Melander, 1903	C Mazon Creek
ii. = <i>Kustarachne conica</i> Petrunkevitch, 1913	C Mazon Creek
† Macroglyon Garwood <i>et al.</i>, 2011	Carboniferous
9. <i>Macroglyon cronus</i> Garwood <i>et al.</i> 2011*	C Montceau-les-Mines
CADDOIDEA Banks, 1893	Palaeogene – Recent
CADDIDAE Banks, 1893	Palaeogene – Recent
Caddo Banks, 1892a	Palaeogene – Recent
10. <i>Caddo dentipalpus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitter. amber
PHALANGIOIDEA Latreille, 1802	Palaeogene – Recent
FAMILY UNCERTAIN	
† Petrunkevitchiana Mello-Leitão, 1937 [genus <i>incertae sedis</i>]	Palaeogene
11. <i>Petrunkevitchiana oculata</i> (Petrunkevitch, 1922)*	Pa Florissant
MONOScutIDAE Forster, 1948	Recent
no fossil record	
NEOPILIONIDAE Lawrence, 1931	Recent
no fossil record	
PHALANGIIDAE Latreille, 1802	Palaeogene – Recent
Amilenus Martens, 1969	Palaeogene – Recent
12. <i>Amilenus deltshevi</i> Dunlop & Mitov, 2009	Pa Bitterfeld amber
Dicranopalpus Doleschall, 1852	Palaeogene – Recent
13. <i>Dicranopalpus ramiger</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitter. amber
i. = <i>Opilio corniger</i> Menge, 1854	Pa Baltic amber
ii. = <i>Dicranopalpus palmnickensis</i> Roewer, 1939	Pa Baltic amber
† Lacinius Thorell, 1876	Palaeogene – Recent
14. <i>Lacinius bizleyi</i> Mitov, Dunlop & Penney, 2015	Pa Baltic / Bitter. Amber
originally assigned to the extant species <i>L. erinaceus</i> Staręga, 1966	

- † **Stephanobunus** Dunlop & Mammitzsch, 2010 **Palaeogene**
 15. *Stephanobunus mitovi* Dunlop & Mammitzsch, 2010* Pa Baltic amber
- ?Phalangiidae**
16. *Opilio ovalis* C. L. Koch & Berendt, 1854 Pa Baltic amber
 [probably misplaced at genus level]
- SCLEROSOMATIDAE** Simon, 1879a **Jurassic – Recent**
- † **Amauropilio** Mello-Leitão, 1937 **Palaeogene**
 17. *Amauropilio atavus* (Cockerell, 1907) Pa Florissant
 18. *Amauropilio laceoi* (Petrunkevitch, 1922) Pa Florissant
- Leiobunum** C. L. Koch, 1839a **Jurassic – Recent**
 19. *Leiobunum longipes* Menge in Koch & Berendt, 1854 Pa Baltic/Bitter. amber
 i. = *Leiobunum saparum* Menge in Koch & Berendt, 1854
 [?lapsus] Pa Baltic amber
 ii. = *Leiobunum inclusum* Roewer, 1939 Pa Baltic amber
- † **Mesobunus** Huang, Selden & Dunlop, 2009 **Jurassic**
 20. *Mesobunus dunlopi* Giribet, Tourhino, Shih & Ren, 2012 J Daohugou
 21. *Mesobunus martensi* Huang, Selden & Dunlop, 2009* J Daohugou
- FAMILY UNCERTAIN
- † **Daohugopilio** Huang, Selden & Dunlop, 2009 **Jurassic**
 22. *Daohugopilio sheari* Huang, Selden & Dunlop, 2009* J Daohugou
- DYSPNOI** Hansen & Sørensen, 1904 (suborder) **Carbon. – Recent**
- FAMILY UNCERTAIN
- † **Ameticos** Garwood *et al.*, 2011 **Carboniferous**
 23. *Ameticos scolos* Garwood *et al.* 2011* C Montceau-les-Mines
- † **Echinopustulatus** Dunlop, 2004 **Carboniferous**
 24. *Echinopustulatus samuelnelsoni* Dunlop, 2004* C Missouri
- ACROPSOPILIONOIDEA** Roewer, 1924 **Recent**
- ACROPSOPILIONIDAE** Roewer, 1924 **Recent**
 no fossil record
- superfamily uncertain
- † **HALITHERSIDAE** Dunlop, Selden & Giribet, 2016 **Cretaceous**
- † **Halitherses** Giribet & Dunlop, 2005 **Cretaceous**
 25. *Halitherses grimaldii* Giribet & Dunlop, 2005* K Burmese amber
- ISCHYROPSALIDOIDEA** Simon, 1879a **Palaeogene – Recent**
 Tentative assignment, family uncertain

† <i>Piankhi</i> Dunlop, Bartel & Mitov, 2012	Palaeogene
26. <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
Sabacon Simon, 1879a	Palaeogene – Recent
27. <i>Sabacon claviger</i> (Menge in Koch & Berendt 1854)	Pa Baltic 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
28. <i>Eotrogulus fayoli</i> Thevenin, 1901*	C Commentry
NEMASTOMATIDAE Simon, 1879a	Palaeogene – Recent
<i>Histicostoma</i> Kratochvíl, 1958	Palaeogene – Recent
29. ? <i>Histicostoma tuberculatum</i> (C. L. Koch & Berendt, 1854)	Pa Baltic/Bitter. amber
<i>Mitostoma</i> Roewer, 1951	Palaeogene – Recent
30. ? <i>Mitostoma denticulatum</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Nemastoma succineum</i> Roewer, 1939	Pa Baltic amber
31. ? <i>Mitostoma gruberi</i> Dunlop & Mitov, 2009	Pa Bitterfeld amber
<i>Nemastoma</i> C. L. Koch, 1836	Palaeogene – Recent
32. ? <i>Nemastoma incertum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† NEMASTOMOIDIDAE Petrunkevitch, 1955a	Carboniferous
† <i>Nemastomoides</i> Thevenin, 1901	Carboniferous
= † <i>Protopilio</i> Petrunkevitch, 1913	
33. <i>Nemastomoides elaveris</i> Thevenin, 1901*	C Commentry
34. <i>Nemastomoides longipes</i> (Petrunkevitch, 1913)	C Mazon Creek
NIPPONOSALIDIDAE Martens, 1976	Recent
no fossil record	
TROGULIDAE Sundevall, 1833	Palaeogene – Recent
<i>Trogulus</i> Latreille, 1802	Palaeogene – Recent

35. *Trogulus longipes* Haupt, 1956 Pa Geiseltal
- LANIATORES Thorell, 1876c (suborder) Cretaceous – Recent**
- FAMILY UNCERTAIN
- Philacarus* Sørensen, 1932 Neogene – Recent**
36. *Philacarus hispaniolensis* Cokendolpher & Poinar, 1992 Ne Dominican amber
- INSIDIATORES Loman, 1900 (infraorder) Palaeogene – Recent**
- TRAVUNIOIDEA Absolon & Kratochvíl, 1932 Palaeogene – Recent**
- CLADONYCHIDAE Hadži, 1935 Palaeogene – Recent**
- † ***Proholoscotolemon* Ubick & Dunlop, 2005 Palaeogene**
37. *Proholoscotolemon nemastomoides* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
- ?*Proholoscotolemon* sp. in Ubick & Dunlop (2005) Pa Baltic amber
- PENTANYCHIDAE Briggs, 1971 Recent**
- no fossil record
- TRAVUNIIDAE Absolon & Kratochvíl, 1932 Recent**
- no fossil record
- TRIAENONYCHOIDEA Sørensen, 1886 Recent**
- SYNTHETONYCHIIDAE Forster, 1954 Recent**
- no fossil record
- TRIAENONYCHIDAE Sørensen, 1886 Recent**
- no fossil record
- GRASSATORES Kury, 2002 (infraorder) 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**
- Kimula* Goodnight & Goodnight, 1942 Neogene – Recent**
- Kimula* sp. in Cokendolpher & Poinar (1992) Ne Dominican amber
- PODOCTIDAE Roewer, 1912 Recent**
- no fossil record

SAMOIDEAE Sørensen, 1886	Neogene – Recent
<i>Hummelinckiolus Šilhavý, 1979</i>	Neogene – Recent
38. <i>Hummelinckiolus silhavyi</i> Cokendolpher & Poinar, 1998	Ne Dominican amber
Pellobunus Banks, 1905	Neogene – Recent
39. <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
† <i>Petrobunoides</i> Selden, Dunlop, Giribet, Zhang & Ren, 2016	Cretaceous
40. <i>Petrobunoides sharmai</i> Selden, Dunlop, Giribet, Zhang & Ren, 2016*....	K Burmese amber
PETROBUNIDAE Sharma & Giribet, 2011	Recent
no fossil record	
PYRAMIDOPIIDAE Sharma, Prieto & Giribet, 2011	Recent
no fossil record	
STYGNOPSIDAE Sørensen, 1932	Recent
no fossil record	
TITHAEIDAE Sharma & Giribet, 2011	Recent
no fossil record	
GONYLEPTOIDEA Sundevall, 1833	Recent
AGORISTENIDAE Šilhavý, 1973	Recent
no fossil record	
COSMETIDAE C. L. Koch, 1839a	Recent
no fossil record	
CRANIDAE Roewer, 1913	Recent
no fossil record	
GONYLEPTIDAE Sundevall, 1833	Recent
no fossil record	
MANAOSBIIDAE Roewer, 1943	Recent
no fossil record	

STYGNIDAE Simon, 1879b **Recent**

no fossil record

PHALANGODOIDEA Simon, 1879a **Recent**

ONCOPODIDAE Thorell, 1876c **Recent**

no fossil record

PHALANGODIDAE Simon, 1879a **Recent**

no fossil record

ZALMOXOIDEA Sørensen, 1886 **Recent**

FISSIPHALLIIDAE Martens, 1988 **Recent**

no fossil record

GUASINIIDAE González-Sponga, 1997 **Recent**

no fossil record

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

no fossil record

ZALMOXIDAE Sørensen, 1886 **Recent**

no fossil record

OPILIONES *incertae sedis*

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

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

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

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

NOMINA DUBIA

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

2. *Phalangium succineum* Presl, 1822 Pa Baltic amber

MISIDENTIFICATIONS

1. *Hasseltides primigenius* Weyenbergh, 1869 [crinoid] J Solnhofen

2. *Phalangites multipes* Münster *in* Roth, 1851 [crustacean] J Solnhofen

3. *Phalangites priscus* Münster, 1839 [crustacean] J Solnhofen

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

probably not a name in zoology

PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

- † **PHALANGIOTARBIDA Haase, 1890** Devonian – Permian
 = † ARCHITARBIDA Petrunkevitch, 1945a
- † **DEVONOTARBIDAE Poschmann & Dunlop, 2012** Devonian
- † ***Devonotarbus* Poschmann, Anderson & Dunlop, 2005** Devonian
1. *Devonotarbus hombachensis* Poschmann, Anderson & Dunlop, 2005* D Germany
- † **ANTHRACOTARBIDAE Kjellesvig-Waering, 1969** Carboniferous
- † ***Anthracotarbus* Kjellesvig-Waering, 1969** Carboniferous
2. *Anthracotarbus hintoni* Kjellesvig-Waering, 1969* C Oklahoma
- † **ARCHITARBIDAE Karsch, 1882** Carboniferous
 = † PHALANGIOTARBIDAE Haase, 1890
- † ***Architarbus* Scudder, 1868** Carboniferous
3. *Architarbus hoffmanni* Guthörl, 1934 C Saar basin
- i. = *Opiliotarbus kliveri* Waterlot, 1935 C Saar basin
- ii. = *Goniotarbus sarana* Guthörl, 1965 C Saar basin
4. *Architarbus minor* Petrunkevitch, 1913 C Mazon Creek
5. *Architarbus rotundatus* Scudder, 1868* C Mazon Creek
- † ***Bornatarbus* Rößler & Schneider, 1997** Carboniferous
6. *Bornatarbus mayasii* (Haupt *in* Nindel, 1955)* C Germany / UK
- † ***Discotarbus* Petrunkevitch, 1913** Carboniferous
7. *Discotarbus deplanatus* Petrunkevitch, 1913* C Mazon Creek
- † ***Geratarbus* Scudder, 1890b** Carboniferous
8. *Geratarbus lacoeyi* Scudder, 1890b* C Mazon Creek
9. *Geratarbus bohemicus* Petrunkevitch, 1953 C Nýřany
- † ***Goniotarbus* Petrunkevitch, 1949** Carboniferous
10. *Goniotarbus angulatus* (Pocock, 1911) C Coseley
11. *Goniotarbus tuberculatus* (Pocock, 1911)* C Coseley
- i. = *Goniotarbus tuberculatus* Petrunkevitch, 1949 C Coseley
- † ***Hadrachne* Melander, 1903** Carboniferous
12. *Hadrachne horribilis* Melander, 1903* C Mazon Creek
- † ***Leptotarbus* Petrunkevitch, 1945a** Carboniferous
13. *Leptotarbus torpedo* (Pocock, 1911)* C Coseley
- † ***Mesotarbus* Petrunkevitch, 1949** Carboniferous
14. *Mesotarbus angustus* (Pocock, 1911) C Coseley

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

NOMINA DUBIA

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

no Recent species

PSEUDOSCORPIONES

50 currently valid species of fossil pseudoscorpion

PSEUDOSCORPIONES De Geer, 1778	Devonian – Recent
= CHERNETES Simon, 1879a	
† DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991 (plesion family)	Devonian
† <i>Dracochela</i> Schawaller, Shear & Bonamo, 1991	Devonian
1. <i>Dracochela deprehendor</i> Schawaller, Shear & Bonamo, 1991*	D Gilboa
CHELONETHI Thorell, 1882	Cretaceous – Recent
EPIOCHIERATA Harvey, 1992	Cretaceous – Recent
CHTHONOIDEA Daday, 1889	Cretaceous – Recent
CHTHONIIDAE Daday, 1889	Cretaceous – Recent
<i>Chthonius</i> C. L. Koch, 1843a	Palaeogene – Recent
2. <i>Chthonius (Chthonius) mengei</i> Beier, 1937	Pa Baltic amber
3. <i>Chthonius (Chthonius) pristinus</i> Schawaller, 1978	Pa Baltic amber
<i>Paraliochthonius</i> Beier, 1956	Neogene – Recent
4. <i>Paraliochthonius miomaya</i> Judson, 2016	Ne Chiapas amber
<i>Pseudochthonius</i> Balzan, 1892	Neogene – Recent
5. <i>Pseudochthonius squamosus</i> Schawaller, 1980a	Ne Dominican amber
<i>Tyrannchthonius</i> Chamberlin, 1929	Neogene – Recent
<i>Tyrannchthonius</i> sp. in Judson (2010)	Qt Madagascan copal
<i>Tyrannchthonius</i> sp. in Judson (2016)	Ne Chiapas amber
† <i>Weygoldtiella</i> Harvey <i>et al.</i> , 2018	Cretaceous
6. <i>Weygoldtiella plausus</i> Harvey <i>et al.</i> , 2018	K Burmese amber
LECHYTIDAE Chamberlin, 1929	Neogene – Recent
<i>Lechytia</i> Balzan, 1892	Neogene – Recent
7. <i>Lechytia tertiaria</i> Schawaller, 1980a	Ne Dominican amber
TRIDENCHTHONIIDAE Balzan, 1892	Palaeogene – Recent
= DITHIDAE Chamberlin, 1929	
† <i>Chelignathus</i> Menge, 1854	Palaeogene
8. <i>Chelignathus kochii</i> Menge in Koch & Berendt 1854*	Pa Baltic amber
FEALLOIDEA Ellingsen, 1906	Cretaceous – Recent
FEALLIDAE Ellingsen, 1906	Cretaceous – Recent

<i>Feaella (Tetrafeaella)</i> Beier, 1955	Palaeogene – Recent
9. <i>Feaella (Tetrafeaella) groehni</i> Henderickx <i>in</i> Henderickx & Boone, 2014 Pa	Baltic amber
† <i>Protofeaella</i> Henderickx <i>in</i> Henderickx & Boone, 2014	Cretaceous – Recent
10. <i>Protofeaella peetersae</i> Henderickx <i>in</i> Henderickx & Boone, 2016*	K Burmese amber
PSEUDOGARYPIDAE Chamberlin, 1923a	Palaeogene – Recent
<i>Pseudogarypus</i> Ellingsen, 1909	Palaeogene – Recent
11. <i>Pseudogarypus extensus</i> Beier, 1937	Pa Baltic amber
12. <i>Pseudogarypus hemprichii</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
13. <i>Pseudogarypus minor</i> Beier, 1947a	Pa Baltic/Rovno amber
14. <i>Pseudogarypus pangaea</i> Henderickx <i>in</i> Henderickx <i>et al.</i> , 2006.....	Pa Baltic amber
15. <i>Pseudogarypus synchrotron</i> Henderickx <i>in</i> Henderickx <i>et al.</i> , 2012	Pa Baltic amber
IOCHIERATA Harvey, 1992	Cretaceous – Recent
HEMICTENATA Balzan, 1892	Cretaceous – Recent
NEOBISIOIDEA Chamberlin, 1930	Cretaceous – Recent
BOCHICIDAE Chamberlin, 1930	Recent
= VACHONIIDAE Chamberlin, 1947	
no fossil record	
GYMNOBISIIDAE Beier, 1947b	Recent
no fossil record	
HYIDAE Chamberlin, 1930	Recent
no fossil record	
IDEORONCIDAE Chamberlin, 1930	Recent
no fossil record	
NEOBISIIDAE Chamberlin, 1930	Cretaceous – Recent
= OBISIIDAE Sundevall, 1833	
<i>Microcreagris</i> Balzan, 1892	Palaeogene – Recent
16. <i>Microcreagris koellnerorum</i> Schawaller, 1978	Pa Baltic amber
<i>Neobisium</i> Chamberlin, 1930	Palaeogene – Recent
17. <i>Neobisium (Neobisium) extinctum</i> Beier, 1955	Pa Baltic amber
18. <i>Neobisium henderickxi</i> Judson, 2003	Pa Baltic amber
<i>Roncus</i> L. Koch, 1873	Palaeogene – Recent
19. <i>Roncus succineus</i> Beier, 1955	Pa Baltic amber
PARAHYIDAE Harvey, 1992	Recent
no fossil record	
SYARINIDAE Chamberlin, 1930	Recent

no fossil record

PANCTENATA Balzan, 1892 **Cretaceous – Recent**

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

GARYPIDAE Simon, 1879a **Recent**

= SYNSPHRONIDAE Beier, 1932a

no fossil record

GARYPINIDAE Daday, 1889 **Cretaceous – Recent**

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

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

Garypinus Daday, 1888 **Palaeogene – Recent**

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

GEOGARYPIDAE Chamberlin, 1930 **Palaeogene – Recent**

Geogarypus Chamberlin, 1930 **Palaeogene – Recent**

22. *Geogarypus gorskii* Henderickx, 2005 Pa Baltic/Rovno amber

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

24. *Geogarypus major* Beier, 1937 Pa Baltic amber

LARCIDAE Harvey, 1992 **Recent**

no fossil record

MENTHIDAE Chamberlin, 1930 **Recent**

no fossil record

OLPIIDAE Banks, 1895 **Palaeogene – Recent**

no fossil record

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

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

Idiogaryops Hoff, 1963 **Neogene – Recent**

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

CHEIRIDIOIDEA Hansen, 1894 **Palaeogene – Recent**

CHEIRIDIIDAE Hansen, 1894 **Palaeogene – Recent**

Cheiridium Menge, 1855 **Palaeogene – Recent**

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

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

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

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

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

PSEUDOCHIRIDIIDAE Chamberlin, 1923b	Neogene – Recent
<i>Pseudochiridium</i> With, 1906	Neogene – Recent
29. <i>Pseudochiridium lindae</i> Judson, 2007	Ne Dominican amber
CHELIFEROIDEA Risso, 1826	Cretaceous – Recent
ATEMNIDAE Kishida, 1929	Palaeogene – Recent
Atemninae indet. <i>in</i> Judson (2010)	Qt Dominican amber
<i>Paratemnoides</i> Harvey, 1991	Neogene – Recent
30. <i>Paratemnoides nidificator</i> (Balzan, 1888) [Recent]	Qt–R Colombian copal
<i>Paratemnoides</i> (?) sp. <i>in</i> Judson (2016)	Ne Chiapas amber
† <i>Progonatemnus</i> Beier, 1955	Palaeogene
31. <i>Progonatemnus succineus</i> Beier, 1955*	Pa Baltic amber
CHELIFERIDAE Risso, 1827	Cretaceous – Recent
Cheliferidae? indet. <i>in</i> Judson (2009)	K Archingeay amber
Cheliferini gen. sp. indet. <i>in</i> Judson (2016)	Ne Chiapas amber
† <i>Dichela</i> Menge, 1854	Palaeogene
= † <i>Oligochelifer</i> Beier, 1937	
32. <i>Dichela berendtii</i> Menge <i>in</i> Koch & Berendt 1854*	Pa Baltic amber
33. <i>Dichela gracilis</i> (Beier, 1937)	Pa Baltic amber
34. <i>Dichela granulatus</i> (Beier, 1937)	Pa Baltic amber
35. <i>Dichela serratidentatus</i> (Beier, 1937)	Pa Baltic amber
† <i>Electrochelifer</i> Beier, 1937	Palaeogene
36. <i>Electrochelifer bachofeni</i> Beier, 1947a	Pa Baltic amber
37. <i>Electrochelifer balticus</i> Beier, 1955	Pa Baltic amber
38. “ <i>Electrochelifer</i> ” <i>groehni</i> Dashdamirmov, 2008	Pa Baltic amber
39. <i>Electrochelifer mengei</i> Beier, 1937*	Pa Baltic amber
40. <i>Electrochelifer rapulitarsatus</i> Beier, 1947a	Pa Baltic amber
† <i>Heurtaultia</i> Judson, 2009 [tentative referral to family]	Cretaceous
41. <i>Heurtaultia rossiorum</i> Judson, 2009	K Archingeay amber
† <i>Pycnochelifer</i> Beier, 1937	Palaeogene
42. <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
† <i>Trachychelifer</i> Hong, 1983b	Palaeogene
43. <i>Trachychelifer liaoningense</i> Hong, 1983b*	Pa Chinese amber
CHERNETIDAE Menge, 1855	Cretaceous – Recent
Chernetidae gen. et sp. indet. <i>in</i> Schawaller (1991)	K Canadian amber
Chernetidae gen. et sp. Indet. <i>in</i> Schawaller (1982b)	Ne Chiapas amber
<i>Byrsochernes</i> Beier, 1959	Neogene – Recent
= † <i>Mayachernes</i> Riquelme, Piedra-Jiménez & Córdova-Tabares,	

2014 in Riquelme *et al.* (2014)

44. <i>Byrsochernes maatiatus</i> (Riquelme, Piedra-Jiménez & Córdoba-Tabares, 2014 in Riquelme <i>et al.</i> (2014))	Ne	Chiapas amber
<i>Lustrochernes</i> Beier, 1932	Neogene – Recent	
<i>Lustrochernes</i> (?) sp. 1–2 in Judson (2016)	Ne	Chiapas amber
† <i>Oligochernes</i> Beier, 1937	Palaeogene	
45. <i>Oligochernes bachofeni</i> Beier, 1937	Pa	Baltic amber
46. <i>Oligochernes wigandi</i> (Menge in Koch & Berendt 1854)	Pa	Baltic amber
<i>Pachychernes</i> Beier, 1932b	Neogene – Recent	
47. <i>Pachychernes effossus</i> Schawaller, 1980b	Ne	Dominican amber
48. <i>Pachychernes</i> aff. <i>subrobustus</i> (Balzan, 1892)	Qt–R	Colombian copal
WITHIIDAE Chamberlin, 1931b	Palaeogene – Recent	
† <i>Beierowithius</i> Mahnert, 1979	Palaeogene	
49. <i>Beierowithius sieboldtii</i> (Menge in Koch & Berendt 1854)*	Pa	Baltic amber
<i>Withius</i> Kew, 1911	Quaternary – Recent	
50. <i>Withius eucarpus</i> (Dalman, 1826)	Qt	East African opal

NOMUM DUBIUM

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

NOMUM NUDUM

1. *Chelifer fossilis* Weyenbergh, 1874 J Solnhofen

3,454 Recent species according to Harvey (2011)

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

- † *Haplodontus* Poinar & Santiago-Blay, 1989 Neogene
4. *Haplodontus 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

1,113 Recent species according to Prendini (2011)

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

82 Recent species according to Prendini (2011)

ACARI: PARASITIFORMES

18 currently valid species of fossil parasitiform mite

- higher systematics and sequence of taxa follows the third edition of *A Manual of Acarology* (Krantz & Walter, eds, 2009), except that their orders are listed here as suborders, and suborders as infraorders to achieve some degree of consistency with other arachnid higher taxa throughout this list

PARASITIFORMES Reuter, 1909	Cretaceous – Recent
= ANACTINOTRICHIDA author, date?	
OPILIOACARIDA Zachvatkin, 1952 (suborder)	Cretaceous – Recent
= NOTOSTIGMATA author, date?	
OPILIOACAROIDEA Vitzthum, 1931	Cretaceous – Recent
OPILIOACARIDAE Vitzthum, 1931	Cretaceous – Recent
= NEOACARIDAE Chamberlin & Mulaik, 1942	
<i>Opilioacarus</i> With, 1902	?Cretaceous – Recent
1. <i>?Opilioacarus aenigmus</i> Dunlop, Sempf & Wunderlich, 2010	Pa Baltic amber
2. <i>?Opilioacarus groehni</i> Dunlop & Bernardi, 2014	K Burmese amber
<i>Paracarus</i> Chamberlin & Mulaik, 1942	Palaeogene – Recent
3. <i>Paracarus pristinus</i> Dunlop, Wunderlich & Poinar, 2004	Pa Baltic amber
HOLOTHYRIDA Thorell, 1882 (suborder)	Recent
= TETRASTIGMATA author, date?	
HOLOTYHROIDEA Thorell, 1882	Recent
ALLOTHYRIDAE van der Hammen, 1972	Recent
no fossil record	
HOLOTHYRIDAE Thorell, 1882	Recent
no fossil record	
NEOTHYRIDAE Lehtinen, 1981	Recent
no fossil record	
IXODIDA Leach, 1815 (suborder)	Cretaceous – Recent
= METASTIGMATA author, date?	
NUTALLIELLIDAE Schulze, 1935	Recent
no fossil record	
+ DEINOCROTONIDAE Peñalver, Arillo, Anderson & Pérez-de la Fuente <i>in</i> 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 draculi</i> Peñalver, Arillo, Anderson & Perez-de la Fuente <i>in</i> Peñalver <i>et al.</i> , 2017*	K Burmese amber
ARGASIDAE Murray, 1877	Cretaceous – Recent
Carios Latreille, 1796	Cretaceous – Recent
5. <i>Carios jerseyi</i> Klompen & Grimaldi, 2001	K New Jersey amber
Ornithodoros C. L. Koch, 1844	Neogene – Recent
6. <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	
Amblyomma C. L. Koch, 1844	Cretaceous – Recent
7. <i>Amblyomma</i> near <i>argentinae</i> Neumann, 1905 [Recent] (as <i>testudinis</i>) <i>in</i> Lane & Poinar (1986)	Ne–R Dominican amber
8. <i>Amblyomma birmittum</i> Chitima-Dobler, Araujo, Ruthensteiner, Pfeffer & Dunlop, 2017	K Burmese amber
9. <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
10. <i>Compluriscutula vetulum</i> Poinar & Buckley, 2008*	K Burmese amber
† Cornupalpatum Poinar & Brown, 2003	Cretaceous
11. <i>Cornupalpatum burmanicum</i> Poinar & Brown, 2003*	K Burmese amber
Dermacentor C. L. Koch, 1844	Neogene – Recent
12. <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
13. <i>Haemaphysalis (Alloceraea) cretacea</i> Chitima-Dobler, Pfeffer & Dunlop, 2018	K Burmese amber
Ixodes Latreille, 1795	Palaeogene – Recent
14. <i>Ixodes sigelos</i> Keirans, Clifford & Corwin, 1976 [Recent]	Qt Argentina
15. <i>Ixodes (Partipalpiger) succineus</i> Weidner, 1964	Pa Baltic amber
MESOSTIGMATA G. Canestrini, 1891 (suborder)	Palaeogene – Recent
= GAMASIDA Leach, 1815	
SEJIDA Kramer, 1885 (infraorder)	Recent
= LIROASPINA author, date?	
= TRICHOPYGIDIINA author, date?	
SEJOIDEA Berlese, 1885	Recent

- ICHTHYOSTOMATOGASTERIDAE Sellnick, 1953** **Recent**
no fossil record
- SEJIDAE Berlese, 1885** **Recent**
= LIROASPIDIDAE Trägårdh, 1946
no fossil record
see *Sejus bdelloides* under *nomina dubia*
- 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
- MEGACELAENOPSISIDAE Funck, 1975** **Recent**
no fossil record
- MEINERTULIDAE Trägårdh, 1950** **Recent**
no fossil record
- NEOTENOGYNIIDAE Kethley, 1974** **Recent**
no fossil record
- SCHIZOGYNIIDAE Trägårdh, 1950** **Recent**
no fossil record
- TRIPLOGYNIIDAE Funck, 1977** **Recent**
no fossil record
- PARAMEGISTOIDEA Trägårdh, 1946** **Recent**
PARAMEGISTIDAE Trägårdh, 1946 **Recent**
no fossil record
- FEDRIZZIOIDEA Trägårdh, 1937** **Recent**
FEDRIZZIIDAE Trägårdh, 1937 **Recent**
no fossil record
- KLINCKOWSTROEMIIDAE Camin & Gorirossi, 1955** **Recent**
no fossil record
- PROMEGISTIDAE Kethley, 1979** **Recent**
no fossil record
- MEGISTHANOIDEA Berlese, 1914** **Recent**
HOPLOMEGISTIDAE Camin & Gorirossi, 1955 **Recent**
no fossil record
- MEGISTHANIDAE Berlese, 1914** **Recent**
no fossil record

PARANTENNULOIDEA Willmann, 1940	Recent
PARANTENNULIDAE Willmann, 1940	Recent
no fossil record	
PHILODANIDAE Kethley, 1977b	Recent
no fossil record	
AENICTEQUOIDEA Kethley, 1979	Recent
AENICTEQUIDAE Kethley, 1979	Recent
no fossil record	
EUPHYSALOZERCONIDAE Kim, 2008	Recent
no fossil record	
MESSORACARIDAE Kethley, 1977	Recent
no fossil record	
PHYSALOZERCONIDAE Kethley, 1977	Recent
no fossil record	
PTOCHACARIDAE Kethley, 1979	Recent
no fossil record	
MONOGYNASPIDA Camin & Gorioffi, 1955 (infrorder)	Palaeogene – Recent
MICROGYNIINA Trägårdh, 1942 (cohort)	Palaeogene – Recent
MICROGYNOIDEA Trägårdh, 1942	Palaeogene – Recent
<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 <i>in</i> Wisniewski, 1979	Recent
no fossil record	
UROACTINIIDAE Hirschmann & Zirngiebl-Nicol, 1964	Recent
no fossil record	
URODIASPIDIDAE Trägårdh, 1944	Recent
no fossil record	
URODINYCHIDAE Berlese, 1917	Palaeogene – Recent
<i>Uroobovella</i> Berlese, 1903	?Palaeogene – Recent
? <i>Uroobovella</i> sp. <i>in</i> Dunlop <i>et al.</i> (2013)	Pa Baltic amber
UROPODIDAE Kramer, 1881	Recent
no fossil record	
TRACHYUROPODOIDEA Berlese, 1917	Recent
TRACHYUROPODIDAE Berlese, 1917	Recent
no fossil record	
DIARTHROPHALLIAE Trägårdh, 1946 (subcohort)	Recent
DIARTHROPHALLOIDEA Trägårdh, 1946	Recent
DIARTHROPHALLIDAE Trägårdh, 1946	Recent
no fossil record	
HETEROZERCONINA author, date? (cohort)	Recent
HETEROZERCONOIDEA Berlese, 1892	Recent
DISCOZERCONIDAE Berlese, 1910	Recent
no fossil record	
HETEROZERCONIDAE Berlese, 1892	Recent
no fossil record	
GAMASINA Kramer, 1881 (cohort)	Palaeogene – Recent
Gamasina indet. <i>in</i> Perkovsky <i>et al.</i> (2007)	Pa Rovno amber
EPICRIIAE Vitzthum, 1938 (subcohort)	Neogene – Recent
EPICRIOIDEA Berlese, 1885	Recent
EPICRIIDAE Berlese, 1885	Recent

no fossil record

ZERCONOIDEA Berlese, 1892 Neogene – Recent

COPROZERCONIDAE Moraza & Lindquist, 1999 Recent

no fossil record

ZERCONIDAE Berlese, 1892 Neogene – Recent

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

16. *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

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

Gamasus Latreille, 1802 ?Palaeogene – Recent

18. *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

= GAMAOLAEELAPTIDAE Oudemans, 1939

no fossil record

RHODACAROIDEA Oudemans, 1902 Palaeogene – Recent

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

Digamasellidae sp. *in* Perkovsky *et al.* (2007) Pa Rovno amber

Dendrolaelaps Halbert, 1915 Neogene – Recent

19. *Dendrolaelaps fossils* 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. in Ramsay (1960)	Qt New Zealand
MEGALOLAELAPIDAE author, date?	Recent
no fossil record	
PACHYLAELAPIDAE Berlese, 1913	Recent
= NEOPARASITIDAE Oudemans, 1939	
= BULBOGAMASIDAE Gu, Wang & Duan, 1991	
no fossil record	
PARHOLASPIDIDAE Evans, 1956	Recent
no fossil record	
ASCOIDEA Oudemans, 1905	Palaeogene – Recent
AMEROSEIIDAE Evans in Hughs, 1961	Recent
no fossil record	
ASCIDAE Voigts & Oudemans, 1905	?Palaeogene – Recent
?Ascidae sp. in Dunlop <i>et al.</i> (2013)	Pa Baltic amber
HALOLAELAPIDAE Karg, 1965	Recent
no fossil record	

MELICCHARIDAE Hirschmann, 1962	Recent
no fossil record	
PODOCINIDAE Berlese, 1913	Quaternary – Recent
Podocinidae sp. <i>in</i> 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 tertiaris* Scudder, 1885Pa 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

330 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 Aoki</i> (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
CUNAXIDAE Thor, 1902	Recent
no fossil record	
HALACAROIDEA Murray, 1877	Recent
HALACARIDAE Murray, 1877	Recent
no fossil record	
PEZIDAE Harvey, 1990	Recent
no fossil record	
EUPODOIDEA C. L. Koch, 1842	Palaeogene – Recent
COCCEUPODIDAE Jesionowska, 2010	Recent
no fossil record	
DENDOCHAETIDAE Oliver, 2008	Recent
no fossil record	
EUPODIDAE C. L. Koch, 1842	Recent
no fossil record	
ERIORHYNCHIDAE Qin & Halliday, 1997	Recent
no fossil record	
PENTAPALPIDAE Oliver & Theron, 2000	Recent
no fossil record	
PENTHALEIDAE Oudemans, 1931	Recent
no fossil record	
PENTHALODIDAE Thor, 1933	Palaeogene – Recent

<i>Penthalodes</i> Murray, 1877	Palaeogene – Recent
9. <i>Penthalodes tristiculus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
PROTERORHAGIIDAE Lindquist & Palacios-Vargas, 1991	Recent
no fossil record	
RHAGIDIIDAE Oudemans, 1922	Paleogene – Recent
Rhagidiidae indet. <i>in</i> Judson & Wunderlich (2003)	Pa Baltic amber
<i>Poecilophysis</i> O. P.-Cambridge, 1876	Paleogene – Recent
? <i>Poecilophysis</i> sp. <i>in</i> Judson & Wunderlich (2003)	Pa Baltic amber
† <i>Zachardia</i> Judson & Wunderlich, 2003	Paleogene
10. <i>Zachardia flexipes</i> Judson & Wunderlich, 2003	Pa Baltic amber
STRANDTMANNIIDAE Zacharda, 1979	Recent
no fossil record	
TYDEOIDEA Kramer, 1877	Devonian – Recent
EREYNETIDAE Oudemans, 1931	Recent
= MICROEREUNETIDAE Bottazzi, 1950	
no fossil record	
IOLINIDAE Pritchard, 1956	Recent
no fossil record	
TRIOPHTYDEIDAE Andrè, 1980	Recent
= MEYERELLIDAE André, 1979	
no fossil record	
TYDEIDAE Kramer, 1877	Devonian – Recent
† <i>Palaeotydeus</i> Dubinin, 1962	Devonian – Recent
11. <i>Palaeotydeus devonicus</i> Dubinin, 1962	D Rhynie chert
† <i>Parapotacarus</i> Dubinin, 1962	Devonian – Recent
12. <i>Parapotacarus hirsti</i> Dubinin, 1962	D Rhynie chert
TETRAPODILI sensu Oudemans, 1923	Triassic – Recent
TRIASACAROIDEA Lindquist & Sidorchuk <i>in</i> Sidorchuk <i>et al.</i>, 2014	Triassic
TRIASACARIDAE Lindquist & Sidorchuk <i>in</i> Sidorchuk <i>et al.</i>, 2014	Triassic
† <i>Ampezzo</i> Linquist & Grimaldi <i>in</i> Schmidt <i>et al.</i>, 2012,	Triassic
13. <i>Ampezzo triassica</i> Lindquist & Grimaldi <i>in</i> Schmidt <i>et al.</i> , 2012*	Tr Italian amber
† <i>Cheirolepidoptus</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> 2014	Triassic
14. <i>Cheirolepidoptus dolomiticus</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2015*	Tr Italian amber

- † *Minyacarus* Sidorchuk & Lindquist *in* Sidorchuk *et al.*, 2014 Triassic
 15. *Minyacarus aderces* Sidorchuk & Lindquist *in* Sidorchuk *et al.*, 2015* ... Tr Italian amber
- † *Triasacarus* Linquist & Grimaldi *in* Schmidt *et al.*, 2012, Triassic – Recent
 16. *Triasacarus fedelei* Lindquist & Grimaldi *in* Schmidt *et al.*, 2012* Tr Italian amber
- ERIOPHYOIDEA** Nalepa, 1898 ?Palaeogene – Recent
- DIPTILOMIOPIDAE** Keifer, 1944 Recent
 no fossil record
- ERIOPHYIDAE** Nalepa, 1898 ?Palaeogene – Recent
- Aculops* Keifer, 1966 ? Palaeogene – Recent
 17. *Aculops keiferi* Southcott & Lange, 1971 ?Pa Australia
- PHYTOPTIDAE** Murray, 1877 Neogene – Recent
 = NALEPELLIDAE Roivainen, 1953
 no fossil record
- ANYSTIDES** van der Hammen, 1972 (supercohort) Cretaceous – Recent
- ANYSTINA** van der Hammen, 1972 (cohort) Cretaceous – Recent
- CAECULOIDEA** Berlese, 1883 Paleogene – Recent
- CAECULIDAE** Berlese, 1883 Paleogene – Recent
- Procaeculus* Jacot, 1936 Paleogene – Recent
 18. *Procaeculus dominicensis* Coineau & Poinar, 2001 Ne Dominican amber
 19. *Procaeculus eridosae* Coineau & Magowski, 1994 Pa Baltic amber
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
 20. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) Pa Baltic amber
 21. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) Pa Baltic amber
 22. *Anystis venustula* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † *Mesoanystis* Zacharda *in* Zacharda & Krivoluckij, 1985 Cretaceous
 23. *Mesoanystis taymirensis* Zacharda *in* Zacharda & Krivoluckij, 1985* K Siberian amber
- † *Palaeoerythracarus* Zacharda *in* Zacharda & Krivoluckij, 1985 Palaeogene

24. *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** **Recent**
PARATYDEIDAE Baker, 1949 **Recent**
 no fossil record
- STIGMOCHEYLIDAE Kethley, 1990** **Recent**
 no fossil record
- POMERANTZIOIDEA Baker, 1949** **Recent**
POMERANTZIIDAE Baker, 1949 **Recent**
 no fossil record
- PARASITENGONA Oudemans, 1909 (cohort)** **Cretaceous – Recent**
ERYTHRAIAE author, date? (subcohort) **Cretaceous – Recent**
CALYPTOSTOMATOIDEA Oudemans, 1923 **Recent**
CALYPTOSTOMATIDAE Oudemans, 1923 **Palaeogene–Recent**
Calyptostoma Cambridge, 1875 **Paleogene–Recent**
 25. *Calyptostoma katyae* Konikiewicz, Wohltmann & Małkol, 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**
 26. *Arytaena troguloides* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Balaustium von Heyden, 1826** **Paleogene – Recent**
 27. *Balaustium illustris* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † **Burerythrites Konikiewicz & Małkol, 2018** **Cretaceous**
 28. *Burerythrites pankowskii* Konikiewicz & Małkol, 2018* K Burmese amber

- † **Burphanolophus Konikiewicz & Mąkol, 2018** **Cretaceous**
 29. *Burphanolophus joergwunderlichi* Konikiewicz & Mąkol, 2018* K Burmese amber
- Erythraeus Latrielle, 1806** **Paleogene – Recent**
 30. *Erythraeus bifrons* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
 31. *Erythraeus foveolatus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 32. *Erythraeus hirsutus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
 33. *Erythraeus lagopus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
 34. *Erythraeus longipes* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 35. *Erythraeus proavus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
 36. *Erythraeus procerus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
 37. *Erythraeus raripilus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
 38. *Erythraeus rostratus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
 39. *Erythraeus saccatus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- Leptus Latrielle, 1796** **Cretaceous – Recent**
Leptus sp. in Arillo *et al.* (2018) K San Just amber
 40. *Leptus incertus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- † **Pararainbowia Dunlop, 2007** **Cretaceous**
 41. *Pararainbowia martilli* Dunlop, 2007* K Crato Formation
- † **Proterythraeus Vercammen-Grandjean, 1973** **Cretaceous**
 42. *Proterythraeus southcotti* Vercammen-Grandjean, 1973* K Manitoba amber
- SMARIDIDAE Vitzthum, 1929** **Cretaceous – Recent**
Smarididae indet in Penney (2010) Ne Dominican amber
Smarididae indet in Perkovsky *et al.* (2010) Pa Dominican amber
- † **Burfessonnia Konikiewicz & Mąkol, 2018** **Cretaceous**
 43. *Burfessonnia maryae* Konikiewicz & Mąkol, 2018* K Burmese amber
- Fessonnia von Heyden, 1826** **Paleogene – Recent**
 44. *Fessonnia grabenhorsti* Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015 Pa Baltic amber
 45. *Fessonnia groehni* Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015 Pa Baltic amber
 46. *Fessonnia wunderlichi* Bartel, Konikiewicz, Mąkol, Wohltmann & Dunlop, 2015 Pa Baltic amber
- † **Immensmaris Dunlop, Frahnert & Mąkol, 2018** **Cretaceous**
 47. *Immensmaris chewbaccei* Dunlop, Frahnert & Mąkol, 2018* K Burmese amber
- TROMBIDIAE author, date? (subcohort)** **Cretaceous – Recent**
trombidiid mites?
 48. *Megameropsis aquensis* Gourret, 1887 Pa Aix-en-Provence
 49. *Pseudopachygnathus maculatus* Gourret, 1887 Pa Aix-en-Provence

AMPHOTROMBIOIDEA Zhang, 1998	Recent
AMPHOTROMBIIDAE, Zhang, 1998	Recent
no fossil record	
ALLOTANAUPODOIDAE Zhang & Fan, 2007	Recent
ALLOTANAUPODIDAE Zhang & Fan, 2007	Recent
no fossil record	
TANAUPODOIDEA Thor, 1935	Creteaceous – Recent
TANAUPODIDAE Thor, 1935	Creteaceous – Recent
= ?AMPHOTROMBIIDAE Zhang, 1998	
= TANAUPODASTRIDAE Feider, 1959	
† <i>Atanaupodus</i> Judson & Małkol, 2009	Cretaceous
50. <i>Atanaupodus bakeri</i> Judson & Małkol, 2009	K Archingeay amber
<i>Eothrombium</i> Berlese, 1910	Paleogene – Recent
51. <i>Eothrombium fortesambienne</i> Małkol, Konikiewicz & Klug, 2018	Pa Baltic amber
† <i>Propolysenia</i> Małkol, Konikiewicz & Klug, 2018	Paleogene
52. <i>Propolysenia wohlmanni</i> 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
<i>Porttrombidium</i> Haitlinger, 2000	Paleogene – Recent
53. <i>Porttrombidium gedanense</i> Konikiewicz, Sontag & Małkol, 2016	Pa Baltic amber
NEOTHROMBIIDAE Feider, 1955	Recent
no fossil record	
TROMBIDIIDAE Leach, 1815	Paleogene – Recent
= PARATHROMBIIDAE Feider, 1959	
<i>Allothrombium</i> Berlese, 1903	Paleogene – Recent
54. <i>Allothrombium clavipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
<i>Paratrombium</i> Bruyant, 1910	Paleogene – Recent
55. <i>Paratrombium rovniense</i> Konikiewicz & Małkol, 2014	Pa Rovno amber

Trombidium Fabricius, 1775	Paleogene – Recent
56. <i>Trombidium crassipes</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
57. <i>Trombidium granulatum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
58. <i>Trombidium heterotrichum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
59. <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	Recent
= NOTOTHROMBIIDAE Feider, 1959	
no fossil record	

NEOTROMBIDIIDAE Feider, 1959	Recent
no fossil record	

LEEUVENHOEKIIDAE Womersley, 1944	Recent
no fossil record	

TROMBELLIDAE Leach, 1815	Cretaceous – Recent
<i>Nothrotrombidium</i> Wormesley, 1954	Cretaceous – Recent
60. <i>Nothrotrombidium myanmarum</i> Konikiewicz & Mąkol, 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

Hygrobatoida, Arrenuroidea or Lebertiodea in Poinar (1985)	Ne Dominican amber
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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
- BANDAKIOPSIDAE Panesar, 2004** **Recent**
no fossil record
- LEBERTIIDAE Thor, 1900** **Recent**
no fossil record
- NILOTONIIDAE Viets, 1929** **Recent**
no fossil record
- OXIDAE Viets, 1926** **Recent**
no fossil record
- RUTRIPALPIDAE Solokow, 1834** **Recent**
no fossil record
- SPERCHONTIDAE Thor, 1900** **Recent**
no fossil record
- STYGOTONIIDAE Cook, 1992** **Recent**
no fossil record
- TEUTONIDAE Koenike, 1910** **Recent**

no fossil record

TORRENTICOLIDAE Piersig, 1902 **Recent**

= ATRACTIDEIDAE Thor, 1902

no fossil record

HYGROBATOIDEA C. L. Koch, 1842 **Recent**

ASTACOCROTONIDAE Thor, 1927 **Recent**

no fossil record

ATURIDAE Thor, 1900 **Recent**

= BRADYPODIDAE Thor, 1900 [preoccupied]

= AXONOPSIDAE Viets, 1929

= LJANIIDAE Thor, 1929

no fossil record

FELTRIIDAE Viets, 1926 **Recent**

no fossil record

FERRADASIIDAE Cook, 1980 **Recent**

no fossil record

FRONTIPODOPSIDAE Viets, 1931 **Recent**

no fossil record

HYGROBATIDAE C. L. Koch, 1842b **Recent**

no fossil record

LETHAXONIDAE Cook, Smith & Harvey, 2000 **Recent**

no fossil record

LIMNESIIDAE Thor, 1900 **Recent**

= NEOTORRENTICOLIDAE Lundblad, 1936

= EPALLAGOPODIDAE Viets, 1953

no fossil record

OMARTACARIDAE Cook, 1963 **Recent**

no fossil record

PIONIDAE Thor, 1900 **Recent**

= CURVIPEDIDAE Thor, 1900

= ACERCIDAE Thor, 1909

= FORELIIDAE Thor, 1923

= NAUTARACHNIDAE Walter, 1925

= HYDROCHOREUTIDAE Viets, 1942

no fossil record

PONTARACHNIDAE Koenicke, 1910 **Recent**

no fossil record

UNIONICOLIDAE Oudemans, 1909 **Recent**

= ATRACIDAE Thor, 1900

= NEUMANIIDAE Thor, 1923

no fossil record

WETTINIDAE Cook, 1956 **Recent**

no fossil record

ARRENUROIDEA Thor, 1900 **Neogene – Recent**

Family uncertain

† *Protoarrenurus* Cook *in* Palmer, 1957 **Neogene – Recent**

61. *Protoarrenurus convergens* Cook *in* Palmer, 1957* Ne Mojave Desert

ACALYPTONOTIDAE Walter, 1911 **Recent**

no fossil record

AMOENACARIDAE Smith & Cook, 1997 **Recent**

no fossil record

ARENOHYDRACARIDAE Cook, 1974 **Recent**

no fossil record

ARRENURIDAE Thor, 1900 **Recent**

no fossil record

ATHIENEMANNIIDAE Viets, 1922 **Recent**

= CHELOMIDEOPSIDAE Lundblad, 1962

no fossil record

BOGATIIDAE Motas & Tanasachi, 1938 **Recent**

no fossil record

CHAPPUISIDIDAE Motas & Tanasachi, 1946 **Recent**

no fossil record

GRETACARIDAE Viets, 1978 **Recent**

no fossil record

HARPAGOPALPIDAE Viets, 1924	Recent
no fossil record	
HUNGAROHYDRACACARIDAE Motas & Tanasachi, 1959	Recent
no fossil record	
KANTACARIDAE Imamura, 1959	Recent
no fossil record	
KRENDOWSKIIDAE Viets, 1926	Recent
no fossil record	
LAVERSIIDAE Cook, 1955	Recent
no fossil record	
MIDEIDAE Thor, 1911a	Recent
no fossil record	
MIDEOPSIDAE Koenicke, 1910	Recent
no fossil record	
MOMONIIDAE Viets, 1926	Recent
= STYGOMOMONIDAE Szalay, 1943	
no fossil record	
NEOACARIDAE Motas & Tanasachi, 1947	Recent
no fossil record	
NIPPONACARIDAE Imamura, 1959	Recent
no fossil record	
NUDOMIDEOPSIDAE Smith, 1990	Recent
no fossil record	
UCHIDASTYGACARIDAE Imamura, 1956	Recent
no fossil record	
STYGOTHROMBIAE Thor, 1935 (subcohort)	Recent
STYGOTHROMBOIDEA Thor, 1935	Recent
STYGOTHROMBIIDAE Thor, 1935	Recent
ELEUTHERENGONIDES Oudemans, 1909 (supercohort)	Cretaceous – Recent
RAPHIGNATHINA Kethley, 1982 (cohort)	Cretaceous – Recent

MYOBIOIDEA Mégnin, 1877	Recent
MYOBIIDAE Mégnin, 1877	Recent
no fossil record	
PTERYGOSOMATOIDEA Oudemans, 1910	Cretaceous – Recent
PTERYGOSOMATIDAE Oudemans, 1910	Cretaceous – Recent
<i>Pimeliaphilus</i> Trägårdh, 1905	Cretaceous – Recent
<i>Pimeliaphilus</i> sp. in Sidorchuk & Khaustov (2018a)	K Archingey amber
RAPHIGNATHOIDEA Kramer, 1877	Paleogene – Recent
BARBUTIIDAE Robaux, 1975	Recent
no fossil record	
CALIGONELLIDAE Grandjean, 1944	Recent
no fossil record	
CAMEROBIIDAE Southcott, 1957a	Paleogene – Recent
<i>Neophyllobius</i> Berlese, 1886	Paleogene – Recent
62. <i>Neophyllobius succineus</i> Bolland & Magowski, 1990.....	Pa Baltic amber
CRYPTOGNATHIDAE Oudemans, 1902	Paleogene – Recent
no fossil record	
DASYTHYREIDAE Walter & Gerson, 1998	Recent
no fossil record	
EUPALOPSELLIDAE Willmann, 1952	Recent
no fossil record	
HOMOCALIGIDAE Wood, 1969	Recent
no fossil record	
MECOGNATHIDAE Gerson & Walter, 1998	Recent
no fossil record	
RAPHIGNATHIDAE Kramer, 1877	Recent
no fossil record	
STIGMAEIDAE Oudemans, 1931	Paleogene – Recent
<i>Mediolata</i> Canestrini, 1890	Paleogene – Recent
63. <i>Mediolata eocenia</i> Kuznetsov, Khaustov & Perkovsky, 2010.....	Pa Rovno amber
XENOCALIGONELLIDIDAE Gonzalez, 1978	Recent

no fossil record

TETRANYCHOIDEA Donnadieu, 1876 **Palaeogene – Recent**

ALLOCHAETOPHORIDAE Reck, 1959 **Recent**

no fossil record

LINOTETRANIDAE Baker & Pritchard, 1953 **Recent**

no fossil record

TENUIPALPIDAE Berlese, 1913 **Recent**

no fossil record

TETRANYCHIDAE Donnadieu, 1876 **Palaeogene – Recent**

= BRYOBIIDAE Berlese, date?

Metatetranychus Oudemans, 1931 **Palaeogene – Recent**

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

Schizotetranychus Trägårdh, 1915 **Palaeogene – Recent**

65. *Schizotetranychus brevipes* (C. L. Koch & Berendt, 1854) Pa Baltic amber

TUCKERELLIDAE Baker & Pritchard, 1953 **Palaeogene – Recent**

Tuckerella Wormesley, 1940 **Palaeogene – Recent**

66. *Tuckerella fossilibus* Khaustov, Sergeyenko & Perkovsky, 2014 Pa Rovno amber

67. *Tuckerella weiterschani* 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

Cheyletus Latreille, 1796 **Cretaceous – Recent**

68. *Cheyletus burmiticus* Cockerell, 1917b K Burmese amber

69. *Cheyletus portentosus* C. L. Koch & Berendt, 1854 Pa Baltic amber

DEMODECIDAE Nicolet, 1855 **Recent**

no fossil record

HARPIRHYNCHIDAE Dubinin, 1957 **Recent**

no fossil record

OPHIPTIDAE Southcott, 1956 **Recent**

no fossil record

PSORERGATIDAE Dubinin in Bregatova et al., 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
70. <i>Nasutiacarus perplexus</i> Sidorchuk & Lindquist <i>in</i> Sidorchuk <i>et al.</i> , 2016*	K French amber
TARSOCHEYLOIDEA Atyeo & Baker, 1964	Recent
TARSOCHEYLIDAE Atyeo & Baker, 1964	Recent
no fossil record	
HETEROCHEYLOIDEA Trägårdh, 1950	Recent
HETEROCHEYLIDAE Trägårdh, 1950	Recent
no fossil record	
DOLICHOCYBOIDEA Mahunka, 1970	Recent
CROTALOMORPHIDAE Lindquist & Kranz, 2002	Recent
no fossil record	
DOLICHOCYBIDAE Mahunka, 1970	Recent
no fossil record	
TROCHOMETRIDIOIDEA Mahunka, 1970	Recent
ATHYREACARIDAE Lindquist Kaliszewski & Rack, 1990	Recent
= BEMBIDIACARIDAE Khuastov, 2000	
no fossil record	
TROCHOMETRIDIIDAE Mahunka, 1970	Recent
no fossil record	
SCUTACAROIDEA Oudemans, 1916	Recent
MICRODISPIDAE Cross, 1965	Recent
no fossil record	
SCUTACARIDAE Oudemans, 1916	Recent
no fossil record	
PYGEMEPHOROIDEA Cross, 1965	Palaeogene – Recent

Pygmephoroidea sp. <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>Protophenax</i> Magowski, 1994	Cretaceous	
71. <i>Protophenax kotejii</i> Magowski, 1994*	K	Russian amber
CARABOACARIDAE Mahunka, 1970	Recent	
no fossil record		
PYEMOTIDAE Oudemans, 1937	Recent	
= TROCHOMETRIDAE Mahunka, 1970		
<i>Pyemotes</i> Amerling, 1862	Palaeogene – Recent	
72. <i>Pyemotes primus</i> Khaustov & Perkovsky, 2010	Pa	Rovno amber
RESINACARIDAE Mahunka, 1975	Cretaceous – Recent	
<i>Protoresinacarus</i> Khaustov & Poinar, 2010	Cretaceous	
73. <i>Protoresinacarus brevipedis</i> 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. <i>in</i> Aoki (1974)	Qt	Mizunami copal
Cohort <i>incertae sedis</i>		
CLOACAROIDEA Camin, Moss, Oliver & Singer, 1967	Recent	
CLOACARIDAE Camin, Moss, Oliver & Singer, 1967	Recent	
no fossil record		
EPIMYODICIDAE Fain, Lukoschus & Rosmalen, 1982	Recent	
no fossil record		

SARCOPTIFORMES author, date? (suborder)	Devonian – Recent
ENDEOSTIGMATA author, date? (infraorder)	Devonian – Recent
= PACHYGNATHINA author, date?	
ALYCINA author, date? (cohort)	
ALYCOIDEA Canestrini & Fanzago, 1877	Devonian – Recent
ALYCIDAE Canestrini & Fanzago, 1877	Devonian – Recent
= PACHYGNATHIDAE Kramer, 1877	
= BIMICHAELIIDAE Womersley, 1944	
† Protacarus Hirst, 1923	Devonian
74. <i>Protacarus crani</i> Hirst, 1923*	D Rhyrie chert
GRANDJEANICIDAE Kethley, 1977a	Recent
no fossil record	
MICROPSAMMIDAE Coineau & Theorn, 1983	Recent
no fossil record	
NANORCHESTIDAE Grandjean, 1937	Devonian – Recent
† Protospeleorchestes Dubinin, 1962	Devonian – Recent
75. <i>Protospeleorchestes pseudoprotacarus</i> Dubinin, 1962*	D Rhyrie chert
NEMATALYCINA author, date? (cohort)	Recent
NEMATALYCOIDEA Strenke, 1954	Recent
NEMATALYCIDAE Strenke, 1954	Recent
no fossil record	
PROTONEMATALYCIDAE Kethley, 1989 [superfamily correct?]	Recent
no fossil record	
TERPNACARINA author, date? (cohort)	Recent
OEHSERCHESTOIDEA Kethley, 1977a	Recent
OEHSERCHESTIDAE Kethley, 1977a	Recent
no fossil record	
TERPNACAROIDEA Grandjean, 1939	Recent
TERPNACARIDAE Grandjean, 1939	Recent
no fossil record	
ALICORHAGIINA author, date? (cohort)	Devonian – Recent
ALICORHAGIOIDEA Grandjean, 1939	Devonian – Recent
ALICORHAGIIDAE Grandjean, 1939	Devonian – Recent

- † *Archaeacarus* Kethley & Norton *in* Kethley *et al.*, 1989 Devonian
 76. *Archaeacarus dubinini* Kethley & Norton *in* Kethley *et al.*, 1989* D Gilboa
- † *Pseudoprotacarus* Dubinin, 1962 Devonian
 77. *Pseudoprotacarus scoticus* Dubinin, 1962* D Rhynie chert
- ORIBATIDA Dugès, 1834 (infraorder)** Devonian – Recent
 = CRYPTOSTIGMATA author, date?
 NB: see remarks on the Ordovician fossil above
- PALAEOSOMATA Grandjean, 1969 (supercohort)** Devonian–Recent
 family uncertain
- † *Marcvippeda* Pérez-DA, 1988 Palaeogene
 78. *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
 79. *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
 80. *Ctenacaronychus nortoni* Subías & Arillo, 2002* D New York
- † *Palaeoctenacarus* Subías & Arillo, 2002 Carboniferous
 81. *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 <i>in Norton et al.</i> , 1988	Devonian
† <i>Devonacarus</i> Norton <i>in Norton et al.</i> , 1988	Devonian
82. <i>Devonacarus sellnicki</i> Norton <i>in Norton et al.</i> , 1988*	D Gilboa
† PROTOCHTHONIIDAE Norton <i>in Norton et al.</i> , 1988	Devonian
† <i>Protochthonius</i> Norton <i>in Norton et al.</i> , 1988	Devonian
83. <i>Protochthonius gilboa</i> Norton <i>in Norton et al.</i> , 1988*	D Gilboa
BRACHYCHTHONIOIDEA Thor, 1934	Paleogene – Recent
BRACHYCHTHONIIDAE Thor, 1934	Paleogene – Recent
<i>Brachychthonius</i> Berlese, 1910	Paleogene – Recent
<i>Brachychthonius</i> sp. <i>in</i> 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
84. <i>Hypochthonius rufulus</i> C. L. Koch, 1835 [Recent]	Qt Finland
† <i>Palaeohypochthonius</i> Subías & Arillo, 2002	Carboniferous
85. <i>Palaeohypochthonius jerami</i> Subías & Arillo, 2002*	C County Antrim
LOHMANNIIDAE Berlese, 1916	Recent
= XENOLOHMANNIIDAE Balogh & Mahunka, 1969	
no fossil record	
MESOPLOPHORIDAE Ewing, 1917	Recent
= ARCHOPLOPHORIDAE Grandjean, 1965	
no fossil record	
PROTOPLOPHOROIDEA Ewing, 1917	Carbon. – Recent

- COSMOCHTHONIIDAE** Grandjean, 1947*b* **Carbon. – Recent**
† *Carbochthonius* Subías & Arillo, 2002 **Carboniferous**
86. *Carbochthonius antrimensis* Subías & Arillo, 2002* C County Antrim
- HAPLOCHTHONIIDAE** van der Hammen, 1959 **Recent**
no fossil record
- PEDICULOCHELIDAE** Lavoipierre, 1946 **Recent**
no fossil record
- PROTHOPLOPHORIDAE** Ewing, 1917 **Carbon. – Recent**
= APOPLOPHORIDAE Niedbala, 1984
† *Archaeoplophora* Subías & Arillo, 2002 **Carboniferous**
87. *Archaeoplophora bella* Subías & Arillo, 2002* C County Antrim
- SPHAEROCHTHONIIDAE** Grandjean, 1947*b* **Recent**
no fossil record
- HETEROCHTHONOIDEA** Grandjean, 1954*b* **Recent**
ARBORICHTHONIIDAE Balogh & Balogh, 1992 **Recent**
no fossil record
- HETEROCHTHONIIDAE** Grandjean, 1954*b* **Recent**
no fossil record
- TRICHTOCHTHONIIDAE** Lee, 1982 **Recent**
no fossil record
- PARHYPOSOMATA** Grandjean, 1969 (supercohort) **Carbon. – Recent**
PARHYPOCHTHONIOIDEA Grandjean, 1932*b* **Carbon. – Recent**
ELLIPTOCHTHONIIDAE Norton, 1975 **Recent**
no fossil record
- GEHYPOCHTHONIIDAE** Strenzke, 1963 **Carbon. – Recent**
† *Gehypochthonimimus* Subías & Arillo, 2002 **Carboniferous**
88. *Gehypochthonimimus hibernicus* Subías & Arillo, 2002* C County Antrim
- PARHYPOCHTHONIIDAE** Grandjean, 1932*b* **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
89. *Carbolohmannia maimaiphilus* Sidorchuk & Robin *in* Robin *et al.* (2016)*C Xiaheyan, China
- NEHYPOCHTHONOIDEA** 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
90. *Collohmanna schusteri* Norton, 2006 Pa Baltic amber
- † **Embolacarus** Sellnick, 1919 Palaeogene – Recent
91. *Embolacarus pergratus* Sellnick, 1919* Pa Baltic amber
- EUPYCTIMA** Grandjean, 1967 Palaeogene – Recent
- NB: Eupyctima is listed here as a mixonomatid clade, but is not recognised in all classifications, or else is removed from this group and given equal rank
- EUPHTHRACAROIDEA** Jacot, 1930 Palaeogene – Recent
- EUPHTHRACARIDAE** Jacot, 1930 Palaeogene – Recent
- Microtritita* Märkel, 1964 Quaternary – Recent
92. *Microtritita minima* (Berlese, 1904) [Recent] Qt Germany
- Rhysotritita* Märkel & Meyer, 1959 Quaternary – Recent
93. *Rhysotritita ardua* (C. L. Koch, 1841) [Recent] Qt Germany
94. *Rhysotritita duplicata* (Grandjean, 1953) [Recent] Qt Germany
- ORIBOTRITIIDAE** Grandjean, 1954b Palaeogene – Recent
- = SABAHRITIIDAE Mahunka, 1987
- Oribotritidae indet. *in* Kaulfuss *et al.* (2011) Pa New Zealand amber

Oribotritia Jacot, 1924	Palaeogene – Recent
95. <i>Oribotritia pyropus</i> (Sellnick, 1919)	Pa Baltic amber
96. <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
97. <i>Hoplophthiacarus pavidus</i> (Berlese, 1913) [Recent]	Qt Karelia, Russia
Phthiacarus Perty, 1841	Palaeogene – Recent
98. <i>Phthiacarus borealis</i> Trägårdh, date? [Recent]	Qt Karelia, Russia
99. <i>Phthiacarus multipunctus</i> (Sellnick, 1919)	Pa Baltic amber
Steganacarus Ewing, 1917a	Quaternary – Recent
100. <i>Steganacarus applicatus</i> (Sellnick, 1920) [Recent]	Qt Denmark
101. <i>Steganacarus carinatus</i> (C. L. Koch, 1841) [Recent]	Qt Finland
102. <i>Steganacarus striculus</i> (C. L. Koch, 1835) [Recent]	Qt Europe
<i>Steganacarus</i> sp.	Qt Finland
DESMONOMATA Woodley, 1873 (supercohort)	Jurassic – Recent
NOTHRINA van der Hammen, 1982 (cohort)	Jurassic – Recent
= HOLOSOMATA author, date?	
CROTONIOIDEA Thorell, 1876	Jurassic – Recent
CAMISIIDAE Oudemans, 1900	Cretaceous – Recent
Camisia von Heyden, 1826	Paleogene – Recent
103. <i>Camisia foveolata</i> Hammer, 1955 [Recent]	Qt western Norway
104. <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	
105. <i>Camisia invenusta</i> (Michael, 1888) [Recent]	Qt western Norway
106. <i>Camisia lapponica</i> Trägårdh, 1910 [Recent]	Qt Karelia, Russia
† Eocamisia Bulanova-Zachvatkina, 1974	Cretaceous
107. <i>Eocamisia sukatshevae</i> Bulanova-Zachvatkina, 1974*	K Siberian amber
Platynothrus Berlese, 1913	Quaternary – Recent
108. <i>Platynothrus peltifer</i> (C. L. Koch, 1839) [Recent]	Qt Greenland
109. <i>Platynothrus punctatus</i> (L. Koch, 1879) [Recent]	Qt northern Europe
CROTONIIDAE Thorell, 1876	Neogene – Recent
= HOLONOTHRIDAE Wallwork, 1963	
Crotonia Thorell, 1876	Neogene – Recent

110. <i>Crotonia ramus</i> (Womersley, 1957)	Ne Australian retinite
HERMANNIIDAE Sellnick, 1928	Palaeogene – Recent
= GALAPAGACARIDAE P. Balogh, 1985	
Hermannia Nicolet, 1855	Palaeogene – Recent
111. <i>Hermannia gibba</i> (C. L. Koch, 1839) [Recent]	Qt Finland
112. <i>Hermannia reticulata</i> Thorell, 1871 [Recent]	Qt Subarctic – Arctic
113. <i>Hermannia scabra</i> (L. Koch, 1879) [Recent]	Qt Greenland
114. <i>Hermannia sellnicki</i> Norton, 2006	Pa Baltic amber
MALACONOTHRIDAE Berlese, 1916	Quaternary – Recent
Malaconothrus Berlese, 1904	Quaternary – Recent
115. <i>Malaconothrus monodactylus</i> (Michael, 1888) [Recent]	Qt Europe
Trimalaconothrus Berlese, 1916	Quaternary – Recent
116. <i>Trimalaconothrus maior</i> (Berlese, 1910) [Recent]	Qt northern Europe
NANHERMANNIIDAE Sellnick, 1928	Quaternary – Recent
Nanhermannia Berlese, 1913	Quaternary – Recent
117. <i>Nanhermannia coronata</i> Berlese, 1913 [Recent]	Qt Karelia, Russia
118. <i>Nanhermannia elegantula</i> Berlese, 1913 [Recent]	Qt Germany
NOTHRIDAE Berlese, 1896	Cretaceous – Recent
Nothrus C. L. Koch, 1836	Cretaceous – Recent
119. <i>Nothrus illautus</i> Sellnick, 1919	Pa Baltic amber
120. <i>Nothrus punctulum</i> Karsch, 1884	Pa Baltic amber
121. <i>Nothrus silvestris</i> Nicolet, 1855 [Recent]	Qt Europe
122. <i>Nothrus vasquezae</i> Arillo & Subías <i>in</i> Arillo <i>et al.</i> , 2016	K Spanish amber
TRHYPOCHTHONIIDAE Willmann, 1931	Jurassic – Recent
= ALLONOTHRIDAE Lee, 1985	
= MUCRONOTHRIDAE Kunst, 1972	
= XXXXX Badejo, Woas & Beck, 2002	
= TRHYPOCHTHONIELLIDAE Knülle, 1957	
Afronothrus Wallwork, 1961	Cretaceous – Recent
123. <i>Afronothrus ornosae</i> Arillo & Subías <i>in</i> Arillo <i>et al.</i> , 2016	K Spanish amber
Allonothrus van der Hammen, 1953	Neogene – Recent
<i>Allonothrus</i> sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
† Juracarus Krivolutsky <i>in</i> Krivolutsky & Krasilov, 1977	Jurassic – Recent
124. <i>Juracarus serratus</i> Krivolutsky <i>in</i> Krivolutsky & Krasilov, 1977	J Russian far east
Mucronothrus Trägårdh, 1931	Quaternary – Recent
125. <i>Mucronothrus nasalis</i> (Willmann, 1929) [Recent]	Qt Karelia, Russia
† Palaeochthonius Krivolutsky <i>in</i> Krivolutsky & Krasilov, 1977	Jurassic – Recent

126. *Palaeochthonius krasilovi* Krivolutsky in Kriv. & Krasilov, 1977 J Russian far east
- Trhypochthonius* Berlese, 1904** **Cretaceous – Recent**
127. *Trhypochthonius badiformis* Sellnick, 1931 Pa Baltic amber
128. *Trhypochthonius cladonicola* (Willmann, 1919) **[Recent]** Qt Germany
129. *Trhypochthonius corniculatus* Sellnick, 1931 Pa Baltic amber
130. *Trhypochthonius lopezvallei* Arillo, Subías & Shtanchaeva, 2012 K San Just amber
131. *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**
132. *Hermanniella concamerata* Sellnick, 1931 Pa Baltic amber
133. *Hermanniella tuberculata* Sellnick, 1919 Pa Baltic amber
- Sacculobates* Grandjean, 1962** **Neogene – Recent**
- Sacculobates* sp. in Norton & Poinar (1993) Ne Dominican amber
- PLASMOBATIDAE Grandjean, 1961*a*** **Recent**
- no fossil record
- NEOLIODOIDEA Sellnick, 1928** **Cretaceous – Recent**
- = LIODOIDEA Grandjean, 1954*b*
- NEOLIODIDAE Sellnick, 1928** **Cretaceous – Recent**
- = LIODIDAE Grandjean, 1954*b*
- Neoliodes* Berlese, 1888** **Palaeogene – Recent**
- = *Liodes* von Heyden, 1826 [preoccupied]
134. *Neoliodes brevitarsus* (Woolley, 1971) Ne Chiapas amber
135. *Neoliodes dominicus* Heethoff, Helfen & Norton, 2009 Ne Dominican amber
136. *Neoliodes quadriscutatus* Sellnick, 1919 Pa Baltic amber
- Neoliodes* sp. in Norton & Poinar (1993) [as *Liodes*] Ne Dominican amber
- Platyliodes* Berlese, 1917** **Cretaceous – Recent**
137. *Platyliodes ensigerus* (Sellnick, 1919) Pa Baltic amber
138. *Platyliodes sellnicki* Arillo & Subías in Arillo *et al.*, 2016 K Spanish amber
- Teleliodes* author, date?** **Neogene – Recent**
- Teleliodes* sp. in Norton & Poinar (1993) Ne Dominican amber

PLATEREMAEOIDEA Trägårdh, 1926	Cretaceous – Recent
= GYMNODAMAEOIDEA Grandjean, 1954a	
ALEURODAMAEIDAE Paschoal & Johnston, 1985	Recent
no fossil record	
GYMNODAMAEIDAE Grandjean, 1954a	Paleogene – Recent
<i>Gymnodamaeus</i> Kulczynski, 1902	Paleogene – Recent
139. <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
140. <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
141. <i>Belba compta</i> (Kulczynski, 1902) [Recent]	Qt western Norway
142. <i>Belba cornyops</i> (Hermann, 1804)* [Recent]	Qt Finland
† <i>Belbites</i> Pampaloni, 1902	Neogene
143. <i>Belbites disodilis</i> Pampaloni, 1902*	Ne? Sicily

Damaeobelba Sellnick, 1928	Quaternary – Recent
144. <i>Damaeobelba minutissima</i> (Sellnick, 1920) [Recent]	Qt Germany
Damaeus C. L. Koch, 1835	Paleogene – Recent
145. <i>Damaeus auritus</i> C. L. Koch, 1835* [Recent]	Qt Finland
146. <i>Damaeus genadensis</i> Sellnick, 1931	Pa Baltic amber
Spatiodamaeus Bulanova-Zachvatkina, 1967	Quaternary – Recent
147. <i>Spatiodamaeus verticillipes</i> (Nicolet, 1855)* [Recent]	Qt Finland
CEPHEOIDEA Berlese, 1896	Cretaceous – Recent
= EUTEGOIDEA Balogh, 1965	
ANDEREMAEIDAE Balogh, 1972	Recent
no fossil record	
CEPHEIDAE Berlese, 1896	Cretaceous – Recent
= COMPATOZETIDAE Luxton, 1988	
Cepheus C. L. Koch, 1835	Paleogene – Recent
148. <i>Cepheus cepheiformis</i> (Nicolet, 1855) [Recent]	Qt Finland
149. <i>Cepheus dentatus</i> (Michael, 1888) [Recent]	Qt Finland
150. <i>Cepheus implicatus</i> (Sellnick, 1919)	Pa Baltic amber
151. <i>Cepheus latus</i> C. L. Koch, 1835* [Recent]	Qt Finland
Eupterotegaeus Berlese, 1916	Cretaceous – Recent
152. <i>Eupterotegaeus bitranslamellatus</i> Arillo & Subías, 2002	K Álava amber
Ommatocephus Berlese, 1913	Cretaceous – Recent
153. <i>Ommatocephus nortoni</i> 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
<i>Amiracarus</i> Miko in Miko et al. (2013)	Neogene – Recent
154. <i>Amiracarus pliocennatus</i> Miko in Miko et al. (2013)	Ne Slovenian Karst
155. <i>Amiracrus senensis</i> (Bernini, 1975) in Miko et al. (2013)* [Recent]	Qt Romanian caves
AMEROIDEA Bulanova-Zachvatkina, 1957	Palaeogene – Recent
= AMEROBELBOIDEA Grandjean, 1954b	
= CALEREMEIOIDEA Grandjean, 1965c	
AMERIDAE Bulanova-Zachvatkina, 1957	Recent
no fossil record	
AMEROBELBIDAE Grandjean, 1961b	Recent
no fossil record	
BASILOBELBIDAE Balogh, 1961	Recent
no fossil record	
CALEREMAEIDAE Grandjean, 1965c	Palaeogene – Recent
<i>Caleremaeus</i> Berlese, 1910	Palaeogene – Recent
156. <i>Caleremaeus gleso</i> Sellnick, 1931	Pa Baltic amber
CTENOBELBIDAE Grandjean, 1965b	Recent
no fossil record	
DAMAEOLIDAE Grandjean, 1965b	Recent
no fossil record	
EREMOBELBIDAE Balogh, 1961	Recent
no fossil record	

EREMULIDAE Grandjean, 1965b	Recent
no fossil record	
HETEROBELBIDAE Balogh, 1961	Recent
no fossil record	
HUNGAROBELBIDAE Miko & Travé, 1996	Recent
no fossil record	
STAUROBATIDAE Grandjean, 1966	Recent
no fossil record	
ZETORCHESTOIDEA Michael, 1898	Cretaceous – Recent
= EREMAEOIDEA Oudemans, 1900	
= NIPHOCEPHOIDEA Travé, 1959 [a separate superfamily in some studies]	
† ARCHAEORCHESTIDAE Arillo & Subías, 2000	Cretaceous
† <i>Plategeocranus</i> Sellnick, 1919	Palaeogene
157. <i>Plategeocranus sulcatus</i> (Karsch, 1884)*	Pa Baltic amber
† <i>Strieremaeus</i> Sellnick, 1919	Cretaceous – Recent
= † <i>Archaeorchestes</i> Arillo & Subías, 2000	
158. <i>Strieremaeus illibatus</i> Sellnick, 1919	Pa Baltic amber
159. <i>Strieremaeus minguezae</i> (Arillo & Subías, 2000)	K Álava amber
EREMAEIDAE Oudemans, 1900	Paleogene – Recent
<i>Eremaeus</i> C. L. Koch, 1836	Paleogene – Recent
160. <i>Eremaeus hepaticus</i> C. L. Koch, 1835* [Recent]	Qt Germany
161. <i>Eremaeus oblongus</i> [Recent] <i>fossilis</i> Sellnick, 1919	Pa Baltic amber
<i>Eueremaeus</i> Mihelcic, 1963	Quaternary – Recent
162. <i>Eueremaeus silvestris</i> (Forsslund, 1956) [Recent]	Qt Finland
† <i>Gradidorsum</i> Sellnick, 1919	Palaeogene – Recent
163. <i>Gradidorsum asper</i> Sellnick, 1919*	Pa Baltic amber
MEGEREMAEIDAE Woolley & Higgins, 1968	Cretaceous – Recent
<i>Megeremaeus</i> Higgins & Wooley 1965	Cretaceous – Recent
164. <i>Megeremaeus cretaceous</i> Sidorchuk & Behan-Pelletier, 2017	K Canadian amber
NIPHOCEPHEIDAE Travé, 1959	Recent
no fossil record	
ZETORCHESTIDAE Michael, 1898	Palaeogene – Recent
<i>Zetorchestes</i> Berlese, 1888	Palaeogene – Recent

<i>Zetorchestes</i> spp. in Sidorchuk & Norton (2011)	Pa Rovno amber
GUSTAVIOIDEA Oudemans, 1900	Jurassic – Recent
= LIACAROIDEA Sellnick, 1928	
ASTEGISTIDAE Balogh, 1961	Jurassic – Recent
<i>Astegistes</i> Hull, 1916	Quaternary – Recent
165. <i>Astegistes pilosus</i> (C. L. Koch, 1840) [Recent]	Qt Karelia, Russia
<i>Cultroribula</i> Berlese, 1908	Jurassic – Recent
166. <i>Cultroribula jurassica</i> Krivolutsky in Krivolutsky & Krasilov, 1977	J Russian far east
167. <i>Cultroribula lauta</i> Sellnick, 1931	Pa Baltic amber
168. <i>Cultroribula superba</i> Sellnick, 1931	Pa Baltic amber
GUSTAVIIDAE Oudemans, 1900	Quaternary – Recent
<i>Gustavia</i> Kramer, 1879	Quaternary – Recent
169. <i>Gustavia microcephala</i> (Nicolet, 1855) [Recent]	Qt Finland
KODIAKELLIDAE Hammer, 1967	Recent
no fossil record	
LIACARIDAE Sellnick, 1928	Quaternary – Recent
= XENILLIDAE Woolley & Higgins, 1966	
<i>Adoristes</i> Hull, 1916	Quaternary – Recent
170. <i>Adoristes ovatus</i> (C. L. Koch, 1839)* [Recent]	Qt northern Europe
<i>Liacarus</i> Michael, 1898	Quaternary – Recent
171. <i>Liacarus coracinus</i> (C. L. Koch, 1841) [Recent]	Qt Finland
<i>Xenillus</i> Robineau-Desvoidy, 1839	Paleogene – Recent
172. <i>Xenillus tegeocraniformis</i> (Sellnick, 1919)	Pa Baltic amber
MULTORIBULIDAE Balogh, 1972	Recent
no fossil record	
PELOPPIIDAE Balogh, 1943	Paleogene – Recent
<i>Ceratoppia</i> Berlese, 1908	Paleogene – Recent
173. <i>Ceratoppia bipilis fossilis</i> Sellnick, 1919	Pa Baltic amber
i. = <i>Oribates politus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
174. <i>Ceratoppia quadridentata</i> (Haller, 1882) [Recent]	Qt Finland
TENUIALIDAE Jacot, 1929	Quaternary – Recent
<i>Hafenrefferia</i> Oudemans, 1906	Quaternary – Recent
175. <i>Hafenrefferia gilvipes</i> (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
176. <i>Carabodes areolatus</i> Berlese, 1916 [Recent]	Qt Karelia, Russia
177. <i>Carabodes coriaceus</i> C. L. Koch, 1835* [Recent]	Qt Finland
178. <i>Carabodes coriaceus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
179. <i>Carabodes dissonus</i> Sellnick, 1931	Pa Baltic amber
180. <i>Carabodes gerberi</i> Sellnick, 1931	Pa Baltic amber
181. <i>Carabodes labyrinthicus</i> (Michael, 1879) [Recent]	Qt Europe
182. <i>Carabodes labyrinthicus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
183. <i>Carabodes marginatus</i> (Michael, 1884) [Recent]	Qt Finland
184. <i>Carabodes minusculus</i> Berlese, 1923 [Recent]	Qt Germany
185. <i>Carabodes ornatus</i> Storkan, 1925 [Recent]	Qt Finland
186. <i>Carabodes subarcticus</i> Trägårdh, 1902 [Recent]	Qt Finland
187. <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?
188. <i>Carabodites pavesii</i> Pampaloni, 1902*	Ne? Sicily
Odontocepheus Berlese, 1913	Quaternary – Recent
189. <i>Odontocepheus elongatus</i> (Michael, 1879)* [Recent]	Qt Finland
DAMPFIELLIDAE Balogh, 1961	Recent
no fossil record	
HEXOPPIIDAE Balogh, 1983	Recent
no fossil record	
LUXTONIIDAE Mahunka, 2001	Recent
no fossil record	
NIPPOBODIDAE Aoki, 1959	Recent
no fossil record	
OTOCEPHEIDAE Balogh, 1961	Cretaceous – Recent
† Cretaceobodes Arillo, Subías & Shtanchaeva, 2010	Cretaceous – Recent
190. <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
Otocepheus Berlese, 1905	Paleogene – Recent

191. *Otocepheus niger* Sellnick, 1931 Pa Baltic amber
192. *Otocepheus praesignis* 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**
193. *Conchogneta traegardhi* (Forsslund, 1947) **[Recent]** Qt Finland
- ARCEREMAEIDAE Balogh, 1972** **Recent**
no fossil record
- BORHIDIIDAE Balogh, 1983** **Recent**
no fossil record
- CHAVINIIDAE Balogh, 1983** **Recent**
no fossil record
- ENANTIOPPIIDAE Balogh, 1983** **Recent**
no fossil record
- EPIMERELLIDAE Ayyildiz & Luxton, 1989** **Recent**
no fossil record
- GRANULOPPIIDAE Balogh, 1983** **Recent**
no fossil record
- MACHADOBELBIDAE Balogh, 1972** **Recent**
no fossil record
- MACHUELLIDAE Balogh, 1893** **Recent**
no fossil record
- NOSYBELBIDAE Mahunka, 1994** **Recent**
no fossil record
- OPPIIDAE Grandjean, 1951** **Palaeogene – Recent**
- Dissorhina* Hull, 1916** **Neogene – Recent**
194. *Dissorhina nuda* Miko, 2015 Ne Slovenian Karst

195. <i>Dissorhina ornata</i> (Oudemans, 1900)* [Recent]	Qt	Germany
196. <i>Dissorhina paleokrasica</i> Miko, 2015	Ne	Slovenian Karst
Oppia C. L. Koch, 1836	Palaeogene – Recent	
197. <i>Oppia angustum</i> (Sellnick, 1931)	Pa	Baltic amber
198. <i>Oppia cervicornu</i> (Sellnick, 1919)	Pa	Baltic amber
199. <i>Oppites hurdi</i> Woolley, 1971	Ne	Chiapas amber
200. <i>Oppia longilamellata</i> [Recent] <i>fossilis</i> (Sellnick, 1931)	Pa	Baltic amber
201. <i>Oppia medium</i> (Sellnick, 1931)	Pa	Baltic amber
202. <i>Oppia mexicana</i> (Woolley, 1971)	Ne	Chiapas amber
203. <i>Oppia setigera</i> (Woolley, 1971)	Ne	Chiapas amber
204. <i>Oppia sucinum</i> (Sellnick, 1931)	Pa	Baltic amber
? <i>Oppia</i> sp. in Norton & Poinar (1993)	Ne	Dominican amber
Oppiella Jacot, 1937	Quaternary – Recent	
205. <i>Oppiella nova</i> (Oudemans, 1902)* [Recent]	Qt	northern Europe
206. <i>Oppiella ornata</i> (Oudemans, 1900) [Recent]	Qt	western Norway
207. <i>Oppiella splendens</i> (C. L. Koch, 1841) [Recent]	Qt	western Norway
208. <i>Oppiella subpectinata</i> (Oudemans, 1900) [Recent]	Qt	northern Europe
209. <i>Oppiella translamellata</i> (Willmann, 1923) [Recent]	Qt	northern Europe
† Oppites Pampaloni, 1902	Neogene	
210. <i>Oppites melilli</i> Pampaloni, 1902*	Ne?	Sicily
† Praoppiella Miko & Mourek in Miko et al., 2012	Quaternary	
211. <i>Praoppiella oanae</i> Miko & Mourek in Miko et al., 2012*	Qt	Slovenian Karst
Ramusella Hammer, 1962	Quaternary – Recent	
212. <i>Ramusella clavipectinata</i> (Michael, 1885) [Recent]	Qt	Germany
† Rhinoppioides Miko in Miko et al., 2012	Quaternary	
213. <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
<i>Suctobelbella</i> Jacot, 1937	Palaeogene – Recent
214. <i>Suctobelbella falcata</i> (Forsslund, 1941) [Recent]	Qt Germany
215. <i>Suctobelbella latirostris</i> (Strenzke, 1950) [Recent]	Qt Germany
216. <i>Suctobelbella longirostris</i> (Forsslund, 1941) [Recent]	Qt western Norway
217. <i>Suctobelbella sarekensis</i> (Forsslund, 1941) [Recent]	Qt Europe
218. <i>Suctobelbella similis</i> (Forsslund, 1941) [Recent]	Qt Germany
219. <i>Suctobelbella subcornigera</i> (Forsslund, 1941) [Recent]	Qt Germany
220. <i>Suctobelbella subtrigona</i> (Oudemans, 1916) [Recent]	Qt Europe
221. <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
222. <i>Banksinoma lanceolata</i> (Michael, 1885)* [Recent]	Qt Europe
<i>Oribella</i> Berlese, 1908	Quaternary – Recent
223. <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
224. <i>Tectocephus minor</i> Berlese, 1903 [Recent]	Qt western Norway
225. <i>Tectocephus similis</i> Sellnick, 1931	Pa Baltic amber
226. <i>Tectocephus velatus</i> (Michael, 1880)* [Recent]	Qt northern Europe

HYDROZETOIDEA Grandjean, 1954b	Jurassic – Recent
HYDROZETIDAE Grandjean, 1954b	Jurassic – Recent
Hydrozetes Berlese, 1902	Jurassic – Recent
227. <i>Hydrozetes confervae</i> (Schrank, 1791) [Recent]	Qt western Norway
228. <i>Hydrozetes lacustris</i> (Michael, 1882)* [Recent]	Qt northern Europe
229. <i>Hydrozetes oryktosis</i> Woolley, 1969	Qt Michigan
<i>Hydrozetes</i> sp. in Sivhed & Wallwork (1978)	J Sweden
LIMNOZETIDAE Thor, 1937	Quaternary – Recent
Limnozetes Hull, 1916	Quaternary – Recent
230. <i>Limnozetes ciliatus</i> (Schrank, 1803)* [Recent]	Qt northern Europe
231. <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
232. <i>Ameronothrus lineatus</i> (Thorell, 1871)* [Recent]	Qt Europe / Greenland
233. <i>Ameronothrus maculatus</i> (Michael, 1882) [Recent]	Qt western Norway
† Palaeonothrus Krivolutskii & Sidorchuk, 2003	Quaternary
234. <i>Palaeonothrus polytrichus</i> Krivolutskii & Sidorchuk, 2003*	Qt Arkhangel'sk Oblast
235. <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	
CYMBAEREMAEOIDEA Sellnick, 1928	Jurassic – Recent
CYMBAEREMAEIDAE Sellnick, 1928	Jurassic – Recent
= AMETROPROCTIDAE Subías, 2004	
= SCAPHEREMAEIDAE Subías, 2004	
Ametroproctus Higgins & Woolley, 1968	Cretaceous – Recent
236. <i>Ametroproctus valeriae</i> Arillo, Subías & Shtanchaeva, 2009	K San Just amber
Cymbaeremaeus Berlese, 1896	Paleogene – Recent
237. <i>Cymbaeremaeus cymba</i> (Nicolet, 1855)* [Recent]	Qt northern Europe
† Jureremeus Krivolutsky in Krivolutsky & Krasilov, 1977	Jurassic
238. <i>Jureremeus foveolatus</i> Krivolutsky in Krivolutsky & Krasilov, 1977*	J Russian far east
239. <i>Jureremeus phippsi</i> Selden, Baker & Phipps, 2008	J Yorkshire, UK

Scapheremaeus Berlese, 1910	Paleogene – Recent
240. <i>Scapheremaeus undosus</i> Sellnick, 1919	Pa Baltic amber
† Tectocymba Sellnick, 1919	Paleogene – Recent
241. <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	
ADHAESOZETIDAE 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
Tenuelamellarea Subías & Iturrondobeitia, 1978	Cretaceous – Recent
242. <i>Tenuelamellarea estefaniae</i> Arillo & Subías in Arillo <i>et al.</i> , 2016	K Spanish amber
LICNEREMAEIDAE Grandjean, 1931	Palaeogene – Recent
Licneremaeus Paoli, 1908	Palaeogene – Recent
243. <i>Licneremaeus fritschi</i> Sellnick, 1931	Pa Baltic amber
244. <i>Licneremaeus licnophorus</i> (Michael, 1882) [Recent]	Qt Germany
MICREREMIDAE Grandjean, 1954b	Jurassic – Recent
Micreremus Grandjean, 1954b[not Berlese 1908?].....	Paleogene – Recent
245. <i>Micreremus brevipes</i> (Michael, 1888)* [Recent]	Qt northern Europe
246. <i>Micreremus reticulatus</i> Sellnick, 1931	Pa Baltic amber

247. *Micreremus scrobiculatus* Sellnick, 1931 Pa Baltic amber
- PASSALOZETIDAE Grandjean, 1954b** **Quaternary – Recent**
- Passalozetes* Grandjean, 1932a** **Quaternary – Recent**
248. *Passalozetes africanus* Grandjean, 1932a **[Recent]** Qt Finland
- SCUTOVERTICIDAE Grandjean, 1954b** **Cretaceous – Recent**
- Arthrovertex* Balogh, 1970** **Neogene – Recent**
249. *Arthrovertex hurdi* (Woolley, 1971) Ne Chiapas amber
- Arthrovertex* sp. in Norton & Poinar (1993) Ne Dominican amber
- Hypovertex* Krivolutsky, 1969** **Cretaceous – Recent**
250. *Hypovertex hispanicus* Arillo & Subías in Arillo *et al.*, 2016 K Spanish amber
- Scutovertex* Michael, 1879** **Quaternary – Recent**
251. *Scutovertex minutus* (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**
252. *Eupelops acromios* (Hermann, 1804) **[Recent]** Qt Finland
253. *Eupelops curtipilus* (Berlese, 1916) **[Recent]** Qt Germany
254. *Eupelops occultus* (C. L. Koch, 1835) **[Recent]** Qt Kerelia, Russia
255. *Eupelops plicatus* (C. L. Koch, 1835) **[Recent]** Qt northern Europe
256. *Eupelops punctulatus* (Sellnick, 1931) Pa Baltic amber
257. *Eupelops uraceus* (C. L. Koch, 1839)* **[Recent]** Qt Kerelia, Russia
- Eupelops* sp. in Karppinen & Koponen (1974) Qt Finland
- Peloptulus* Berlese, 1908** **Quaternary – Recent**
258. *Peloptulus phaenotus* (C. L. Koch, 1844)* **[Recent]** Qt Germany
- UNDULORIBATIDAE Kunst, 1971** **Palaeogene – Recent**
- Scutoribates* Sellnick, 1918** **Palaeogene – Recent**
259. *Scutoribates perornatus* Sellnick, 1918 Pa Baltic amber
- Unduloribates* Balogh, 1943** **?Palaeogene – Recent**
260. *Unduloribates parvus* (Sellnick, 1931) Pa Baltic amber
- generic affinities need clarification
- ACHIPTERIOIDEA Thor, 1929** **?Jurassic – Recent**
- ACHIPTERIIDAE Thor, 1929** **?Jurassic – Recent**
- Achipteria* Berlese, 1885** **?Jurassic – Recent**
261. *Achipteria coleoprata* (Linnaeus, 1757) **[Recent]** Qt Finland / Greenland
262. ?*Achipteria obscura* Krivolutsky in Krivolutsky & Krasilov, 1977 J Russian far east

[An *incertae sedis* taxon?]

Parachipteria van der Hammen, 1952	Quaternary – Recent
263. <i>Parachipteria punctata</i> (Nicolet, 1855) [Recent]	Qt northern Europe
264. <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
265. <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
266. <i>Oribatella berlesei</i> (Michael, 1898) [Recent]	Qt Finland
267. <i>Oribatella calcarata</i> (C. L. Koch, 1835) [Recent]	Qt Kerelia, Russia
268. <i>Oribatella mirabilis</i> Sellnick, 1931	Pa Baltic amber
ORIPODOIDEA Jacot, 1925	Palaeogene – Recent
CALOPPIIDAE Balogh, 1960	Recent
= ?CRASSORIBATULIDAE author, date?	
no fossil record	
CAMPBELLOBATIDAE J. Balogh & P. Balogh, 1984	Recent
no fossil record	
CHAUNOPROCTIDAE Balogh, 1961	Recent
no fossil record	
DRYMOBATIDAE J. Balogh & P. Balogh, 1984	Recent
no fossil record	
HAPLOZETIDAE Grandjean, 1936c	Palaeogene – Recent
= PROTORIBATIDAE J. Balogh & P. Balogh, 1984	
= XLOBATIDAE J. Balogh & P. Balogh, 1984	
Protoribates Berlese, 1908	Palaeogene – Recent
269. <i>Protoribates longipilis</i> Sellnick, 1931	Pa Baltic amber
LAMELLAREIDAE Balogh, 1972	Recent
no fossil record	
MAUDHEIMIIDAE J. Balogh & P. Balogh, 1984	Recent

no fossil record

MOCHLOZETIDAE Grandjean, 1960a	Neogene – Recent
Mochlozetidae sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
<i>Mochloribatula</i> Mahunka, 1978	Neogene – Recent
270. <i>Mochloribatula smithi</i> (Woolley, 1971)	Ne Chiapas amber
<i>Mochlozetes</i> Grandjean, 1930	Neogene – Recent
<i>Mochlozetes</i> sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
NASOBATIDAE Balogh, 1972	Recent
no fossil record	
NEOTRICHOSZETIDAE Balogh, 1965	Recent
no fossil record	
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
<i>Lucoppia</i> Berlese, 1908	Palaeogene – Recent
271. <i>Lucoppia simplex</i> Sellnick, 1931	Pa Baltic amber
<i>Oribatula</i> Berlese, 1895	Quaternary – Recent
272. <i>Oribatula tibialis</i> (Nicolet, 1855)* [Recent]	Qt Europe
<i>Phauloppia</i> Berlese, 1908	Palaeogene – Recent
273. <i>Phauloppia lucorum</i> (C. L. Koch, 1841) [Recent]	Qt northern Europe
274. <i>Phauloppia pellucida</i> (Sellnick, 1931)	Pa Baltic amber
† <i>Sachalinbates</i> Arillo, Subías & Shtanchaeva, 20112 [replacement name]	Palaeogene – Recent
= † <i>Sachalinella</i> Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976 [preoccupied]	
275. <i>Sachalinbates zherichini</i> (Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976)*	Pa Sachalin amber
<i>Zygoribatula</i> Berlese, 1916	Quaternary – Recent
276. <i>Zygoribatula exilis</i> (Nicolet, 1855) [Recent]	Qt northern Europe
ORIPODIDAE Jacot, 1925	Palaeogene – Recent
= BIROBATIDAE J. Balogh & P. Balogh, 1984	
<i>Benoibates</i> Balogh, 1958	Neogene – Recent
277. <i>Benoibates chiapasensis</i> (Woolley, 1971)	Ne Chiapas amber
<i>Oripoda</i> Banks, 1904	Palaeogene – Recent
278. <i>Oripoda baltica</i> Sellnick, 1931	Pa Baltic amber
<i>Oripoda</i> sp. <i>in</i> Norton & Poinar (1993)	Ne Dominican amber
<i>Parapirnodus</i> Balogh & Mahunka, 1968	Neogene – Recent
279. <i>Parapirnodus denaius</i> (Woolley, 1971)	Ne Chiapas amber

PARAKALUMMIDAE Grandjean, 1936b	Palaeogene – Recent
<i>Neoribates</i> Berlese, 1914	Palaeogene – Recent
280. <i>Neoribates borussicus</i> Sellnick, 1931	Pa Baltic amber
SCHELORIBATIDAE Grandjean, 1933	Palaeogene – Recent
† <i>Alexebates</i> Krivolutskii & Sidorchuk, 2003	Quaternary – Recent
281. <i>Alexebates vychegodus</i> Krivolutskii & Sidorchuk, 2003	Qt Arkhangel'sk Oblast
<i>Liebstadia</i> Oudemans, 1906	Palaeogene – Recent
282. <i>Liebstadia similiformis</i> Sellnick, 1931	Pa Baltic amber
283. <i>Liebstadia similis</i> (Michael, 1888)* [Recent]	Qt Europe / Greenland
<i>Scheloribates</i> Berlese, 1908	Palaeogene – Recent
284. <i>Scheloribates apertus</i> Sellnick, 1931	Pa Baltic amber
285. <i>Scheloribates areatus</i> Sellnick, 1931	Pa Baltic amber
286. <i>Scheloribates durhami</i> (Woolley, 1971)	Ne Chiapas amber
287. <i>Scheloribates initialis</i> (Berlese, 1908) [Recent]	Qt Europe
288. <i>Scheloribates laevigatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
289. <i>Scheloribates latipes</i> (C. L. Koch, 1844) [Recent]	Qt Europe
290. <i>Scheloribates pallidulus</i> (C. L. Koch, 1841) [Recent]	Qt Germany
291. <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

Ceratozetes Berlese, 1908	Quaternary – Recent
292. <i>Ceratozetes gracilis</i> (Michael, 1884)* [Recent]	Qt Finland
293. <i>Ceratozetes minimus</i> Sellnick, 1928 [Recent]	Qt Germany
294. <i>Ceratozetes parvulus</i> Sellnick, 1922 [Recent]	Qt Germany
Diapterobates Grandjean, 1936b	Quaternary – Recent
295. <i>Diapterobates notatus</i> (Thorell, 1871) [Recent]	Qt Europe / Greenland
Edwardzetes Berlese, 1914	Quaternary – Recent
296. <i>Edwardzetes edwardsi</i> (Nicolet, 1855)* [Recent]	Qt western Norway
Fuscozetes Sellnick, 1928	Quaternary – Recent
297. <i>Fuscozetes fuscipes</i> (C. L. Koch, 1844)* [Recent]	Qt western Norway
Melanozetes Hull, 1916	Paleogene – Recent
298. <i>Melanozetes foderatus</i> Sellnick, 1931	Pa Baltic amber
299. <i>Melanozetes mollicomus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
300. <i>Melanozetes meridianus</i> Sellnick, 1928 [Recent]	Qt Greenland
<i>Melanozetes</i> sp. in Karpinen <i>et al.</i> (1979)	Qt Karelia, Russia
Oromucia Thor, 1930	Quaternary – Recent
301. <i>Oromucia bicuspidata</i> Thor, 1930* [Recent]	Qt western Norway
302. <i>Oromucia lucens</i> (C. L. Koch, date?) [Recent]	Qt Greenland
Sphaerozetes Berlese, 1885	Paleogene – Recent
303. <i>Sphaerozetes convexulus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
304. <i>Sphaerozetes piriformis</i> (Nicolet, 1855) [Recent]	Qt Finland
305. <i>Sphaerozetes primus</i> Sellnick, 1931	Pa Baltic amber
Trichoribates Berlese, 1910	Quaternary – Recent
306. <i>Trichoribates biarea</i> Gjelstrup & Solhøy, 1994 [Recent]	Qt western Norway
307. <i>Trichoribates incisellus</i> (Kramer, 1897) [Recent]	Qt Europe
308. <i>Trichoribates monticola</i> (Trägårdh, 1902) [Recent]	Qt western Norway
309. <i>Trichoribates setiger</i> (Trägårdh, 1910) [Recent]	Qt western Norway
310. <i>Trichoribates trimaculatus</i> (C. L. Koch, 1835)* [Recent]	Qt northern Europe
CHAMOBATIDAE Thor, 1937	Paleogene – Recent
Chamobates Hull, 1916	Paleogene – Recent
311. <i>Chamobates borealis</i> (Trägårdh, 1902) [Recent]	Qt western Norway
312. <i>Chamobates cuspidatus</i> (Michael, 1884) [Recent]	Qt Finland
313. <i>Chamobates difficilis</i> Sellnick, 1931	Pa Baltic amber
EUZETIDAE Grandjean, 1954b	Quaternary – Recent
Euzetes Berlese, 1908	Quaternary – Recent
314. <i>Euzetes globulus</i> (Nicolet, 1855) [Recent]	Qt Finland
HUMEROBATIDAE Grandjean, 1970	Recent
no fossil record	

MYCOBATIDAE Grandjean, 1954b	Quaternary – Recent
<i>Mycobates</i> Hull, 1916	Quaternary – Recent
315. <i>Mycobates consimilis</i> Hammer, 1952 [Recent]	Qt Greenland
316. <i>Mycobates parmeliae</i> (Michael, 1884) [Recent]	Qt Karelia, Russia
317. <i>Mycobates sarekenis</i> (Trägårdh, 1910) [Recent]	Qt western Norway
<i>Punctoribates</i> Berlese, 1908	Quaternary – Recent
318. <i>Punctoribates punctum</i> (C. L. Koch, 1839) [Recent]	Qt Karelia, Russia
319. <i>Punctoribates sellnicki</i> Willmann, 1928 [Recent]	Qt Europe
<i>Punctoribates</i> sp. in Karppinen & Koponen (1973)	Qt Finland
ONYCHOBATIDAE Luxton, 1985	Recent
no fossil record	
RAMSAYELLIDAE Luxton, 1985	Recent
no fossil record	
ZETOMIMIDAE Shaldybina, 1966	Quaternary – Recent
<i>Zetomimus</i> author, date?	Quaternary – Recent
320. <i>Zetomimus furcatus</i> (Pearce & Warburton, 1906)* [Recent]	Qt Karelia, Russia
GALUMNOIDEA Jacot, 1925	Palaeogene – Recent
GALUMNELLIDAE Piffi, 1970	Quaternary – Recent
<i>Galumnella</i> Berlese, 1917	Quaternary – Recent
<i>Galumnella</i> sp. in Aoki (1974)	Qt Mizunami copal
GALUMNIDAE Jacot, 1925	Palaeogene – Recent
Galumnidae spp. in Norton & Poinar (1993)	Pa Baltic amber
<i>Acrogalumna</i> Grandjean, 1956b	Quaternary – Recent
321. <i>Acrogalumna longipluma</i> (Berlese, 1904)* [Recent]	Qt Karelia, Russia
<i>Galumna</i> von Heyden, 1826	Palaeogene – Recent
322. <i>Galumna clavata</i> Sellnick, 1931	Pa Baltic amber
323. <i>Galumna diversa</i> Sellnick, 1931	Pa Baltic amber
324. <i>Galumna lanceata</i> (Oudemans, 1900) [Recent]	Qt Karelia, Russia
325. <i>Galumna obvia</i> (Berlese, 1915) [Recent]	Qt Finland
<i>Galumna</i> sp. in Karppinen & Koponen (1974)	Qt Finland
<i>Pergalumna</i> Grandjean, 1936b	Quaternary – Recent
326. <i>Pergalumna dorsalis</i> (C. L. Koch, 1835) [Recent]	Qt Finland
327. <i>Pergalumna nervosa</i> (Berlese, 1914)* [Recent]	Qt northern Europe
<i>Pilogalumna</i> Grandjean, 1956b	Quaternary – Recent
328. <i>Pilogalumna tenuiclava</i> (Berlese, 1908) [Recent]	Qt Germany

ASTIGMATA G. Canestrini, 1891 (cohort)	Palaeogene – Recent
= ACARIDIDA author, date?	
SCHIZOGLYPHOIDEA Mahunka, 1978	Recent
SCHIZOGLYPHIDAE Mahunka, 1978	Recent
no fossil record	
HISTIOSTOMATOIDEA Berlese, 1897	?Palaeogene – Recent
GUANOLICHIDAE Fain, 1968	Recent
no fossil record	
HISTIOSTOMATIDAE Berlese, 1897	?Palaeogene – Recent
Hististomatidae? [alternatively Acaridae] <i>in</i> Dunlop <i>et al.</i> (2012)	Pa Baltic amber
CANESTRINIOIDEA Berlese, 1884	Recent
CANESTRINIIDAE Berlese, 1884	Recent
no fossil record	
CHETOCHELACARIDAE Fain, 1987	Recent
no fossil record	
HETEROCOPTIDAE Fain, 1967b	Recent
no fossil record	
LEMANNIELLIDAE Wurst, 2001	Recent
no fossil record	
Superfamily?	
Sidorchuk & Klimov (2011) discussed the problems in placing this extinct family	
† GLAESACARIDAE Klimov & Sidorchuk <i>in</i> Sidorchuk & Klimov, 2011	Palaeogene
† <i>Glaesacarus</i> Klimov & Sidorchuk <i>in</i> Sidorchuk & Klimov, 2011	Palaeogene – Recent
329. <i>Glaesacarus rhombeus</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
HEMISCARPOCTOIDEA Oudemans, 1908	Neogene – Recent
ALGOPHAGIDAE Fain, 1974	Recent
no fossil record	
CARPOGLYPHIDAE Oudemans, 1923	Recent
no fossil record	
CHAETODACTYLIDAE Zachvatkin, 1941	Recent
no fossil record	
HEMISARCOPTIDAE Oudemans, 1908	Recent

no fossil record

HYADESIIDAE Halbert, 1915 **Recent**

no fossil record

MELIPONOCOPTIDAE Fain & Rosa, 1983 **Recent**

no fossil record

WINTERSCHMIDTIIDAE Oudemans, 1923 **Neogene – Recent**

† *Amphicalvolia* Türk, 1963 **Neogene – Recent**

330. *Amphicalvolia hurdi* Türk, 1963* Ne Chiapas amber

GLYCOPHAGOIDEA Berlese, 1897 **Recent**

AEROLYPHIDAE Zachvatkin, 1941 **Recent**

no fossil record

CHORTOLYPHIDAE Berlese, 1897 **Recent**

no fossil record

ECHIMYOPODIDAE Fain, 1967a **Recent**

no fossil record

EUGLYCYPHAGIDAE Fain & Phillips, 1977 **Recent**

no fossil record

GLYCYPHAGIDAE Berlese, 1897 **Recent**

no fossil record

PEDETOPODIDAE Fain, 1969 **Recent**

no fossil record

ROSENSTEINIIDAE Coorman, 1954 **Recent**

= LOPHONOTACARIDAE Fain, 1987

= TROGLOTACARIDAE Fain, 1977

no fossil record

ACAROIDEA Latreille, 1802 **Neogene – Recent**

ACARIDAE Latreille, 1802 **Recent**

[query family placement?]

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

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

GAUDIPELLIDAE Atyeo et al., 1974 **Recent**

= PARTAMONACOPTIDAE author, date?

= PLATYGLYPHIDAE Kurosa, 1976

no fossil record

GLYCACARIDAE Griffiths, 1977 **Recent**

no fossil record

LARDOGLYPHIDAE Oudemans, 1877 **Recent**

no fossil record

SAPRACARIDAE Fain, 1988 **Recent**

no fossil record

SCATOGLYPHIDAE Zachvatkin & Volgin, 1956 **Recent**

no fossil record

SUIDASIIDAE Hughes, 1948 **Recent**

no fossil record

TYROGLYPHIDAE Donnadieu, 1868 **Quaternary – Recent**

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

HYPODERATOIDEA Murray, 1877 **Recent**

HYPODERATIDAE Murray, 1877 **Recent**

no fossil record

PSOROPTIDIA Yunker, 1955 (unranked clade) **Neogene – Recent**

PTEROLICHOIDEA Trouessart & Mégnin, 1884 **Recent**

= FREYANOIDEA Dubinin, 1953

ASCOURACARIDAE Gaud & Atyeo, 1976 **Recent**

no fossil record

CAUDIFERIDAE Gaud & Atyeo, 1978 **Recent**

no fossil record

CHEYLABIDIDAE Gaud, 1983 **Recent**

no fossil record

CRYPTUROPTIDAE Gaud, Atyeo & Berla, 1972 **Recent**

no fossil record

EUSTATHIIDAE Oudemans, 1905 **Recent**

no fossil record

- FALCULIFERIDAE Oudemans, 1905** **Recent**
no fossil record
- FREYANIDAE Dubinin, 1953** **Recent**
no fossil record
- GABUCINIIDAE Gaud & Atyeo, 1975** **Recent**
no fossil record
- KIWILICHIDAE Dabert, 1994** **Recent**
no fossil record
- KRAMERELLIDAE Gaud & Mouchet, 1961** **Recent**
no fossil record
- OCHROLICHIDAE Gaud & Atyeo, 1978** **Recent**
no fossil record
- OCONNORIIDAE Gaud, Atyeo & Klompen, 1989** **Recent**
no fossil record
- PTEROLICHIDAE Trouessart & Mégnin, 1884** **Recent**
no fossil record
- PTILOXENIDAE Gaud, 1982** **Recent**
no fossil record
- RECTIJANUIDAE Gaud, 1961** **Recent**
no fossil record
- SYRINGOBIIDAE Trouessart, 1897** **Recent**
no fossil record
- THORACOSATHESIDAE Gaud & Mouchet, 1959** **Recent**
no fossil record
- VEXILLARIIDAE Gaud & Mouchet, 1959** **Recent**
no fossil record
- ANALGOIDEA Trouessart & Mégnin, 1884** **Recent**
- ALLOPTIDAE Gaud, 1957** **Recent**
no fossil record

- ANALGIDAE** Trouessart & Mégnin, 1884 **Recent**
no fossil record
- APIONACARIDAE** Gaud & Atyeo, 1977 **Recent**
no fossil record
- AVENZOARIIDAE** Oudemans, 1905 **Recent**
no fossil record
- CYTODITIDAE** Oudemans, 1908 **Recent**
no fossil record
- DERMATIONIDAE** Fain, 1965 **Recent**
no fossil record
- DERMOGLYPHIDAE** Mégnin & Trouessart, 1884 **Recent**
no fossil record
- EPIDERMOPTIDAE** Trouessart, 1892 **Recent**
no fossil record
- GAUDOGLYPHIDAE** Bruce & Johnston, 1976 **Recent**
no fossil record
- HETEROPSORIDAE** Oudemans, 1908 **Recent**
no fossil record
- KNEMIDOKOPTIDAE** Dubinin, 1953 **Recent**
no fossil record
- LAMINOSIOPTIDAE** Vitzthum, 1931 **Recent**
no fossil record
- PROCTOPHYLLODIDAE** Mégnin & Trouessart, 1884 **Recent**
no fossil record
- PSORALGIDAE** Oudemans, 1908 **Recent**
no fossil record
- PSOROPTOIDIDAE** Gaud, 1983 **Recent**
no fossil record
- PTERONYSSIDAE** Oudemans, 1941 **Recent**

no fossil record

PTYSSALGIDAE Atyeo & Gaud, 1979 **Recent**

no fossil record

PYROGLYPHIDAE Cunliffe, 1958 **Recent**

no fossil record

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

22 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
† MONOOCULRCINULIDAE Wunderlich, 2017b	Cretaceous
† <i>Monooculricinuleus</i> Wunderlich, 2017b	Cretaceous
5. <i>Monooculricinuleus incisus</i> Wunderlich, 2017b*	K Burmese amber
6. <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
7. <i>Amarixys gracilis</i> (Petrunkevitch, 1945a)	C Mazon Creek
8. <i>Amarixys stellaris</i> Selden, 1992	C Mazon Creek
9. <i>Amarixys sulcata</i> (Melander, 1903)*	C Mazon Creek
† <i>Curculioides</i> Buckland, 1837	Carboniferous
10. <i>Curculioides adompha</i> Brauckmann, 1987	C Hagen-Vorhalle
11. <i>Curculioides ansticii</i> Buckland, 1837*	C Coalbrookdale
12. <i>Curculioides eltringhami</i> Petrunkevitch, 1949	C Crawcrook
13. <i>Curculioides gigas</i> Selden, 1992	C Mazon Creek
14. <i>Curculioides granulatus</i> Petrunkevitch, 1949	C Ilkeston

15. *Curculioides mcluckiei* Selden, 1992 C Mazon Creek
16. *Curculioides pococki* Selden, 1992 C Coseley
17. *Curculioides scaber* (Scudder, 1890*b*) C Mazon Creek
- † **POLIOCHERIDAE Scudder, 1884** **Carboniferous – ?Cret.**
- † ***Poliochera* Scudder, 1884** **Carboniferous – ?Cret.**
18. ?*Poliochera cretacea* Wunderlich, 2012*e* K Burmese amber
19. *Poliochera gibbsi* Selden, 1992 C Illinois
20. *Poliochera glabra* Petrunkevitch, 1913 C Mazon Creek
21. *Poliochera punctulata* Scudder, 1884* C Mazon Creek
- † ***Terpsicroton* Selden, 1992** **Carboniferous**
22. *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

76 Recent species according to Fernández & Giribet (2015)

ARACHNIDA and/or PANTETRAPULMONATA

incertae sedis

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

- all four 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

- | | |
|---|----------------------|
| † <i>Ecchosis</i> Selden & Shear, 1991 | Devonian |
| 1. <i>Ecchosis pulchribothrium</i> Selden & Shear in Selden et al. 1991* | D Gilboa |
| † <i>Idmonarachne</i> Garwood, Dunlop, Selden, Spencer, Atwood, Vo & Drakopoulos, 2016 | Devonian |
| 2. <i>Idmonarachne brasieri</i> Garwood, Dunlop, Selden, Spencer, Atwood, Vo & Drakopoulos, 2016* | C Montceau-les-Mines |
| † <i>Saccogulus</i> Dunlop, Fayers, Hass & Kerp, 2006 | Devonian |
| 3. <i>Saccogulus seldeni</i> Dunlop, Fayers, Hass & Kerp, 2006* | D Rhyie chert |
| † <i>Xenarachne</i> Dunlop & Poschmann, 1997 | Devonian |
| 4. <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 Rhyne cherts
 10. *Palaeocharinus hornei* (Hirst, 1923) D Rhyne cherts
 11. *Palaeocharinus kidstoni* Hirst, 1923 D Rhyne cherts
 12. *Palaeocharinus rhyniensis* Hirst, 1923* D Rhyne cherts
 13. *Palaeocharinus scourfieldi* Hirst, 1923 D Rhyne cherts
 14. *Palaeocharinus tuberculatus* Fayers, Dunlop & Trewin, 2005 D Rhyne cherts
- † **Spiniocharinus Poschmann & Dunlop, 2011** **Devonian**
 15. *Spiniocharinus steinmeyeri* Poschman & Dunlop, 2011* D Bürdenbach
- † **ARCHAEOMARTIDAE Poschmann & Dunlop, 2010** **Devonian**
- † **Archaeomartus Størmer, 1970** **Devonian**
 16. *Archaeomartus levis* Størmer, 1970* D Alken an der Mosel
 i. = *Archaeomartus tuberculatus* Størmer, 1970 D Alken an der Mosel

- † **ANTHRACOMARTIDAE Haase, 1890** **Carboniferous**
- = † PROMYGALIDAE Frič, 1904
- = † BRACHYPYGIDAE Pocock, 1911
- = † CORYPHOMARTIDAE Petrunkevitch, 1945
- = † PLEOMARTIDAE Petrunkevitch, 1945
- † ***Anthracomartus* Karsch, 1882** **Carboniferous**
- = † *Brachylycosa* Frič, 1904
- = † *Cleptomartus* Petrunkevitch, 1949
- = † *Coryphomartus* Petrunkevitch, 1945a
- = † *Cryptomartus* Petrunkevitch, 1945a
- = † *Oomartus* Petrunkevitch, 1953
- = † *Perneria* Frič, 1904
- = † *Pleomartus* Petrunkevitch, 1945a
- = † *Promygale* Frič, 1901
17. *Anthracomartus bohemica* (Frič, 1901) C Nýřany
18. *Anthracomartus carcinoides* (Frič, 1901) C Nýřany
- i. = *Promygale rotundata* Frič, 1901 C Nýřany
- ii. = *Perneria salticoides* Frič, 1904 C ?Nýřany
19. *Anthracomartus elegans* Frič, 1901 C Nýřany
20. *Anthracomartus hindi* Pocock, 1911 C Coseley
- i. = *Cleptomartus hangardi* Guthörl, 1965 C Saar, Germany
- ii. = *Cryptomartus meyeri* Guthörl, 1964 C Aachen
- iii. = *Cleptomartus planus* Petrunkevitch, 1949 C Coseley
- iv. = *Cryptomartus rebskei* Brauckmann, 1984 C Saarbrücken
21. *Anthracomartus granulatus* Frič, 1904 C Nowa Ruda
22. *Anthracomartus janae* (Opluštil, 1986) C Kladno
23. *Anthracomartus kustae* Petrunkevitch, 1953 C Rakovník
24. *Anthracomartus minor* Kušta, 1884 C Rakovník
- i. = *Anthracomartus socius* Kušta, 1888 C Rakovník
25. *Anthracomartus nyranensis* (Petrunkevitch, 1953) C Nýřany
26. *Anthracomartus palatinus* Ammon, 1901 C Brücken, Germany
27. *Anthracomartus preisti* Pocock, 1911 C Coseley
- i. = *Anthracomartus denuiti* Pruvost, 1922 C Charleroi
- ii. = *Cleptomartus plautus* Petrunkevitch, 1949 C Coseley
28. *Anthracomartus radvanicensis* (Opluštil, 1985) C Radvanice
29. *Anthracomartus triangularis* Petrunkevitch, 1913 C Joggins
30. *Anthracomartus trilobitus* Scudder, 1884 C Fayetteville
31. *Anthracomartus voelkelianus* Karsch, 1882* C Europe
- Anthracomartus* sp. in Wright & Selden (2011) C Kansas
- † ***Brachypyge* Woodward, 1878b** **Carboniferous**
32. *Brachypyge carbonis* Woodward, 1878b* C Mons

- † *Maiocercus* Pocock, 1911 **Carboniferous**
 33. *Maiocercus celticus* (Pocock, 1902)* C Coal Measures
 i. = *Maiocercus orbicularis* Gill, 1911 C Westhoughton
- † **ANTHRACOSIRONIDAE** Pocock, 1903a **Devonian – Carbon.**
- † *Anthracosiro* Pocock, 1903a **Carboniferous**
 34. *Anthracosiro fritschii* Pocock, 1903b C Coseley
 i. = *Anthracosiro elongatus* Waterlot, 1934 C Marlebach, France
 35. *Anthracosiro woodwardi* Pocock, 1903a* C Coal Measures
 i. = *Anthracosiro corsini* Pruvost, 1926 C Noeux, France
 ii. = *Anthracosiro latipes* Gill, 1909 C Ryton-on-Tyne, UK
- † *Arianrhoda* Dunlop & Selden, 2004 **Devonian**
 36. *Arianrhoda bennetti* Dunlop & Selden, 2004* D Tredomen
- † *Vratislavia* Frič, 1904 **Carboniferous**
 37. *Vratislavia silesica* (Roemer, 1878)* C Silesia
- † **TRIGONOTARBIDAE** Petrunkevitch, 1949 **Devonian – Carbon.**
- † *Trigonotarbus* Pocock, 1911 **Devonian – Carbon.**
 38. *Trigonotarbus arnoldi* Petrunkevitch, 1955b C Decazeville
 39. *Trigonotarbus johnsoni* Pocock, 1911* C Coseley
 40. *Trigonotarbus stoermeri* Schultka, 1991 D Rheinischen Schief.
- Family uncertain**
- † *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 Rotliegenden
49. *Aphantomartus ilfeldicus* (Scharf, 1924) P Rotliegend
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** Andrée, 1913 **Carboniferous**
 67. *Anthracophrynus tuberculatus* Andrée, 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 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

ARANEAE

1,394 currently valid species of fossil spider

ARANEAE Clerck, 1757	Carbon. – Recent
† <i>Chimerarachne</i> Wang <i>et al.</i>, 2018	Cretaceous
1. <i>Chimerarachne yingi</i> Wang <i>et al.</i> , 2018*	K Burmese amber
while Wang <i>et al.</i> (2018) suggested this is a basal spider with a tail, a companion paper by Huang <i>et al.</i> (2018) resolved it closer to uraraneids	
'mesotheles'	Carbon. – Recent
† ARTHROLYCOSIDAE Frič, 1904	Carboniferous
† <i>Arthrolycosa</i> Harger, 1874	Carbon. – Permian
2. <i>Arthrolycosa antiqua</i> Harger, 1874*	C Mazon Creek
3. <i>Arthrolycosa danielsi</i> Petrunkevitch, 1913	C Mazon Creek
<i>Arthrolycosa</i> sp. in Eskov & Selden (2005)	P Kityak river
<i>Arthrolycosa</i> sp. in Selden <i>et al.</i> (2014)	C Chunya, Russia
<i>Arthrolycosa</i> sp. in Selden <i>et al.</i> (2014)	C Donets Basin
† <i>Eocteniza</i> Pocock, 1911	Carboniferous
4. <i>Eocteniza silvicola</i> Pocock, 1911*	C Coseley
† ARTHROMYGALIDAE Petrunkevitch, 1923	Carboniferous
† <i>Arthromygale</i> Petrunkevitch, 1923	Carboniferous
5. <i>Arthromygale fortis</i> (Frič, 1904)*	C Rakovník
i. = <i>Arthrolycosa beecheri</i> Frič, 1904	C Rakovník
† <i>Eolycosa</i> Kušta, 1885	Carboniferous
6. <i>Eolycosa lorenzi</i> Kušta, 1885*	C Rakovník
† <i>Gerallycosa</i> Kušta, 1888	Carboniferous
7. <i>Gerallycosa fritschi</i> Kušta, 1888*	C Rakovník
† <i>Kustaria</i> Petrunkevitch, 1953	Carboniferous
= † <i>Scudderia</i> Kušta, 1888 [preoccupied]	
8. <i>Kustaria carbonaria</i> (Kušta, 1888)*	C Rakovník
† <i>Palaranea</i> Frič, 1873	Carboniferous
9. <i>Palaranea borassifoliae</i> Frič, 1873*	C Czech Republic
† <i>Protocteniza</i> Petrunkevitch, 1949	Carboniferous
10. <i>Protocteniza britannica</i> Petrunkevitch, 1949*	C Coseley
† <i>Protolycosa</i> Roemer, 1866	Carboniferous
11. <i>Protolycosa anthracophilia</i> Roemer, 1866*	C Silesia
12. <i>Protolycosa cebennensis</i> Laurentiaux-Viera & Laurentiaux, 1963	C Cévennes, France

- † **Rakovnicia Kušta, 1884a** **Carboniferous**
 13. *Rakovnicia antiqua* Kušta, 1884a* C Rakovník
- † **PYRITARANEIDAE Petrunkevitch, 1953** **Carboniferous**
- † **Dinopilio Frič, 1904** **Carboniferous**
 14. *Dinopilio gigas* Frič, 1904* C Rakovník
 15. *Dinopilo parvus* Petrunkevitch, 1953 C Kent, UK
- † **Pyritaranea Frič, 1901** **Carboniferous**
 16. *Pyritaranea tubifera* Frič, 1901* C Nýřany
- MESOTHELAE Pocock, 1892** **Carbon. – Recent**
 Mesothelae indet. in Wunderlich (2017c) K Burmese amber
 plesion genus
- † **Palaeothele Selden, 2000** **Carboniferous**
 = † *Eothele* Selden, 1996 [preoccupied]
 17. *Palaeothele montceauensis* (Selden, 1996)* C Montceau-les-Mines
- † **BURMATHELIDAE Wunderlich, 2017c** **Cretaceous**
- † **Burmathele Wunderlich, 2015b** **Cretaceous**
 18. *Burmathele biseriata* Wunderlich, 2017c* K Burmese amber
Burmathele sp. indet. in Wunderlich (2017c) K Burmese amber
- † **CRETACEOTHELIDAE Wunderlich, 2017c** **Cretaceous**
- † **Cretaceothele Wunderlich, 2015b** **Cretaceous**
 19. *Cretaceothele lata* Wunderlich, 2015b* K Burmese amber
- † **PARVITHELIDAE Wunderlich, 2017c** **Cretaceous**
- † **Parvithеле Wunderlich, 2017c** **Cretaceous**
 20. *Parvithеле muelleri* Wunderlich, 2017c* K Burmese amber
 21. *Parvithеле spinipes* Wunderlich, 2017c K Burmese amber
- † **Pulvillothele Wunderlich, 2017c** **Cretaceous**
 22. *Pulvillothele haupti* Wunderlich, 2017c* K Burmese amber
- LIPHISTIIDAE Pocock, 1892** **Recent**
 = HEPTATHELIDAE Haupt, 1983
 no fossil record
- OPISTHOTHELAE Pocock, 1892** **Triassic – Recent**
 Opisthotelae *incertae sedis*
- † **Eoatypus McCook, 1888** **Palaeogene**
 23. *Eoatypus woodwardii* McCook, 1888* Pa Isle of Wight

MYGALOMORPHAE Pocock, 1892	Triassic – Recent
Mygalomorpha indet. 1–3 <i>in</i> Wunderlich (2008 <i>d</i>)	K Burmese amber
Mygalomorpha indet. 1–2 <i>in</i> Wunderlich (2015 <i>b</i>)	K Burmese amber
Mygalomorpha indet. 1–2 <i>in</i> Wunderlich (2017 <i>c</i>)	K Burmese amber
ATYPOIDEA Thorell, 1870a	Triassic – Recent
† <i>Friularachne</i> Dalla Vecchia & Selden, 2013	Triassic
24. <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
25. <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>	
26. <i>Atypus beigeli</i> (Wunderlich, 2011 <i>h</i>)	Pa Baltic amber
27. <i>Atypus juvenis</i> (Wunderlich, 2011 <i>h</i>)	Pa Baltic amber
28. <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
29. <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
30. <i>Cretohexura coylei</i> Eskov & Zonstein, 1990*	K Transbaikalia
† <i>Cretomegahexura</i> Eskov & Zonstein, 1990	Cretaceous
31. <i>Cretomegahexura platnicki</i> Eskov & Zonstein, 1990*	K Central Mongolia
AVICULAROIDEA Author, date	Triassic – Recent
DIPLURIDAE Simon, 1889<i>b</i>	Triassic – Recent
Dipluridae sp. 1–3 <i>in</i> Wunderlich (2004 <i>a</i>)	Pa Baltic amber
Dipluridae sp. <i>in</i> Wunderlich (2004 <i>a</i>)	Ne Dominican amber
Dipluridae indet. <i>in</i> Wunderlich (2012 <i>d</i>)	K Burmese amber
Dipluridae indet. <i>in</i> Wunderlich (2015 <i>b</i>)	K Burmese amber
† <i>Cethegoides</i> Wunderlich, 2017<i>c</i>	Cretaceous
32. <i>Cethegoides patricki</i> Wunderlich, 2017 <i>c</i> *	Pa Baltic / Bitt. amber
† <i>Clostes</i> Menge, 1869	Palaeogene

33. <i>Clostes priscus</i> Menge, 1869*	Pa Baltic / Bitt. amber
† Cretadiplura Selden in Selden et al., 2006	Cretaceous
34. <i>Cretadiplura ceara</i> Selden in Selden et al., 2006*	K Crato Formation
† Dinodiplura Selden in Selden et al., 2006	Cretaceous
35. <i>Dinodiplura ambulacra</i> Selden in Selden et al., 2006*	K Crato Formation
† Edwa Raven, Jell & Knezour, 2015	Triassic
36. <i>Edwa maryae</i> Raven, Jell & Knezour, 2015*	Tr QnsInd., Australia
Ischnothele Ausserer, 1875	?Neogene – Recent
? <i>Ischnothele</i> sp. in Wunderlich (1988)	Ne Dominican amber
Masteria L. Koch, 1873	Neogene – Recent
= † <i>Microsteria</i> Wunderlich, 1988	
37. <i>Masteria sexoculata</i> (Wunderlich, 1988)	Ne Dominican amber
? <i>Masteria</i> sp. in Schawaller (1982c: as ? <i>Ischnothele</i>)	Ne Dominican amber
† Phyxioschemoides Wunderlich, 2015b	Cretaceous
38. <i>Phyxioschemoides collembola</i> Wunderlich, 2015b*	K Burmese amber
† Seldischnoplura Raven, Jell & Knezour, 2015	Cretaceous
39. <i>Seldischnoplura seldeni</i> Raven, Jell & Knezour, 2015*	K Crato Formation
† FOSSILCALCARIDAE Wunderlich, 2015b	Cretaceous
† Fossilcalcar Wunderlich, 2015b	Cretaceous
40. <i>Fossilcalcar praeteritus</i> Wunderlich, 2015b*	K Burmese amber
HEXATHELIDAE Simon, 1892b	Triassic – Recent
† Alioatrx Wunderlich, 2017c	Cretaceous
41. <i>Alioatrx incertus</i> Wunderlich, 2017c*	K Burmese amber
† Rosamygale Selden & Gall, 1992	Triassic
42. <i>Rosamygale grauvogeli</i> Selden & Gall, 1992*	Tr Vosges, France
CTENIZIDAE Thorell, 1887	Palaeogene – Recent
= HALONOPROCTIDAE Pocock, 1903	
† Baltocteniza Eskov & Zonstein, 2000	Palaeogene
43. <i>Baltocteniza kulickae</i> Eskov & Zonstein, 2000	Pa Baltic amber
† Electrocteniza Eskov & Zonstein, 2000	Palaeogene
44. <i>Electrocteniza sadilenkoi</i> Eskov & Zonstein, 2000	Pa Baltic amber
Ummidia Thorell, 1875	Palaeogene – Recent
45. <i>Ummidia damzeni</i> Wunderlich, 2000	Pa Baltic amber
46. <i>Ummidia malinowskii</i> Wunderlich, 2000	Pa Baltic amber
<i>Ummidia</i> sp. in Wunderlich (2004a)	Pa Baltic amber
? <i>Ummidia</i> sp. in Wunderlich (2011h)	Pa Baltic amber
EUCTENIZIDAE Raven, 1985	Recent

no fossil record

- CYRTAUCHENIIDAE Simon, 1892b** **Neogene – Recent**
***Bolostromus* Ausserer, 1875** **Neogene – Recent**
 47. *Bolostromus destructus* Wunderlich, 1988 Ne Dominican amber

- BARYCHELIDAE Simon, 1889b** **Neogene – Recent**
***Psalistops* Simon, 1889b** **Neogene – Recent**
 48. *Psalistops hispaniolensis* Wunderlich, 1988* Ne Dominican amber

- THERAPHOSIDAE Thorell, 1870a** **Neogene – Recent**
 = AVICULARIIDAE Simon, 1874
 Theraphosidae gen. et sp. indet. in Dunlop *et al.* (2008) Ne Chiapas amber
***Hemirraghus* Simon, 1903** **Neogene – Recent**
Hemirraghus sp. in García-Villafuerte (2008) Ne Chiapas amber
 † ***Ischnocolinopsis* Wunderlich, 1988** **Neogene**
 49. *Ischnocolinopsis acutus* Wunderlich, 1988* Ne Dominican amber

- NEMESIIDAE Simon, 1892b** **Cretaceous – Recent**
 = PYCNOTHELIDAE Chamberlin, 1917
 † ***Cretamygale* Selden, 2002** **Cretaceous**
 50. *Cretamygale chasei* Selden, 2002* K Isle of Wight
 † ***Eodiplurina* Petrunkevitch, 1922** **Palaeogene**
 Selden (2001) questioned this familial placement based on claw structure
 51. *Eodiplurina cockerelli* Petrunkevitch, 1922* Pa Florissant

- MICROSTIGMATIDAE Roewer, 1942** **Neogene – Recent**
 = MICROMYGALIDAE Wunderlich, 2004b
 † ***Parvomygale* Wunderlich, 2004b** **Neogene**
 52. *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	Recent
no fossil record	
ARANEOMORPHAE Smith, 1902	Triassic – Recent
ARANEOMORPHAE indet.	
† <i>Argyrarachne</i> Selden <i>in</i> Selden <i>et al.</i> , 1999	Triassic
53. <i>Argyrarachne solitus</i> Selden <i>in</i> Selden <i>et al.</i> , 1999*	Tr Virginia
† <i>Triassaraneus</i> Selden <i>in</i> Selden <i>et al.</i> , 1999	Triassic
54. <i>Triassaraneus andersonorum</i> Selden <i>in</i> Selden <i>et al.</i> , 1999*	Tr KwaZulu-Natal
HYPOCHILIDAE Marx, 1888	Recent
= ECTATOSTICTIDAE Lehtinen, 1967	
no fossil record	
FILISTATIDAE Ausserer, 1867	Neogene – Recent
<i>Antilloides</i> Brescovit, Sánchez-Ruiz & Alayón, 2016	Neogene – Recent
55. <i>Antilloides didicostae</i> (Penney, 2005a)	Ne Dominican amber
SYNSPERMIATA Michalik & Ramírez, 2014	Jurassic – Recent
TROGLORAPTORIDAE Griswold, Audisio & Ledford, 2012	Recent
no fossil record	
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. <i>in</i> Wunderlich (1988)	Ne Dominican amber
56. <i>Nops lobatus</i> Wunderlich, 1988	Ne Dominican amber
57. <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 <i>in</i> Wunderlich (2008d)	K Burmese amber
SEGESTRIIDAE Simon, 1893	Cretaceous – Recent
?Segestriidae indet <i>in</i> Wunderlich (2008d)	K Burmese amber
<i>Ariadna</i> Audouin, 1826	Cretaceous – Recent
58. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
59. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
60. <i>Ariadna defuncta</i> Wunderlich, 2004c	Pa Bitterfeld amber
61. <i>Ariadna hintzei</i> Wunderlich, 2004as	Qt Madagascan copal
62. <i>Ariadna ovalis</i> Wunderlich, 2008a	Pa Baltic amber
63. <i>Ariadna parva</i> Wunderlich, 2008a	Pa Baltic amber
64. <i>Ariadna paucispinosa</i> Wunderlich, 1988	Ne Dominican amber

65. <i>Ariadna resinae</i> Hickman, 1957	Ne? Australian copal
? <i>Ariadna</i> sp. in Wunderlich (1988)	Ne Dominican amber
† <i>Denticulsegestia</i> Wunderlich, 2015b	Cretaceous
66. <i>Denticulsegestia rugosa</i> Wunderlich, 2015b*	K Burmese Amber
† <i>Jordariadna</i> Wunderlich, 2015b	Cretaceous
67. <i>Jordanariadna amissicoli</i> (Wunderlich, 2008d)*	K Jordanian Amber
† <i>Jordansegestria</i> Wunderlich 2015b	Cretaceous
68. <i>Jordansegestria detruneo</i> Wunderlich, 2015b*	K Jordanian Amber
† <i>Lebansegestia</i> Wunderlich, 2008d	Cretaceous
69. <i>Lebansegestia azari</i> Wunderlich, 2008d*	K Lebanese amber
† <i>Microsegestia</i> Wunderlich & Milki, 2004	Cretaceous
70. <i>Microsegestia poinari</i> Wunderlich & Milki, 2004*	K Lebanese amber
† <i>Myansegestia</i> Wunderlich, 2015b	Cretaceous
71. <i>Myansegestia caederens</i> Wunderlich 2015b	K Burmese Amber
72. <i>Myansegestia engin</i> Wunderlich, 2015b*	K Burmese Amber
† <i>Palaeosegestria</i> Penney, 2004a	Cretaceous
73. <i>Palaeosegestria lutzii</i> Penney, 2004a*	K New Jersey amber
† <i>Parvosegestria</i> Wunderlich, 2015b	Cretaceous
74. <i>Parvosegestria longitibialis</i> Wunderlich, 2015b	K Burmese Amber
75. <i>Parvosegestria obscura</i> Wunderlich, 2015b*	K Burmese Amber
76. <i>Parvosegestria pintgu</i> Wunderlich, 2015b	K Burmese Amber
77. <i>Parvosegestria triplex</i> Wunderlich, 2015b	K Burmese Amber
<i>Segestria</i> Latreille, 1804a	Cretaceous – Recent
78. <i>Segestria cristata</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
79. <i>Segestria flexio</i> Wunderlich, 2004c	Pa Baltic amber
80. <i>Segestria mortalis</i> Wunderlich 2004c	Pa Baltic amber
81. <i>Segestria plicata</i> Petrunkevitch, 1950	Pa Baltic amber
82. <i>Segestria scudderi</i> Petrunkevitch, 1922	Pa Florissant
83. <i>Segestria secessa</i> Scudder, 1890a	Pa Florissant
84. <i>Segestria succinei</i> Berland, 1939	Pa Baltic amber
85. <i>Segestria tomentosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
i. = <i>Segestria plicata</i> Petrunkevitch, 1950 [provisional]	Pa Baltic amber
<i>Segestria</i> sp. in Penney (2002)	K New Jersey amber
<i>Segestria</i> sp. in Wunderlich (2004c)	Pa Baltic amber
<i>Segestria</i> sp. in Selden (2014b)	Pa Isle of Wight
† <i>Vetsegestia</i> Wunderlich, 2004c	Palaeogene
86. <i>Vetsegestia quinquespinosa</i> Wunderlich, 2004c*	Pa Baltic / Bitter. Amber
OONOPIDAE Simon, 1890	Cretaceous – Recent
Oonopidae gen. et sp. in Penney (2002)	K New Jersey amber
† <i>Burmorchestina</i> Wunderlich, 2008a	Cretaceous

87. <i>Burmorchestina acuminata</i> Wunderlich, 2017c.....	K Burmese amber
88. <i>Burmorchestina biangulata</i> Wunderlich, 2017c.....	K Burmese amber
89. <i>Burmorchestina plana</i> Wunderlich, 2017c.....	K Burmese amber
90. <i>Burmorchestina pulcher</i> Wunderlich, 2008a*	K Burmese amber
91. <i>Burmorchestina pulcheroides</i> Wunderlich, 2017c.....	K Burmese amber
92. <i>Burmorchestina tuberosa</i> Wunderlich, 2017c.....	K Burmese amber
<i>Burmorchestina</i> sp. indet. in Wunderlich (2017c)	K Burmese amber
† Canadaorchestina Wunderlich, 2008a	Cretaceous
93. <i>Canadaorchestina albertensis</i> (Penney, 2006a)*	K Canadian amber
† Fossilopaea Wunderlich, 1988	Neogene
94. <i>Fossilopaea sulci</i> Wunderlich, 1988*	Ne Dominican amber
Heteroonops Dalmás, 1916	Neogene – Recent
<i>Heteroonops</i> sp. in Wunderlich (1988)	Ne Dominican amber
Opopaea Simon, 1891	?Neogene – Recent
? <i>Opopaea</i> sp. in Wunderlich (1988)	Ne Dominican amber
Orchestina Simon, 1882	Cretaceous – Recent
95. <i>Orchestina (Baltorchestina) angulata</i> Wunderlich, 2012f [replacement name].....	Pa Bitterfeld amber
i. = <i>Orchestina (B.) rectangulata</i> Wunderlich, 2011h [preoccupied]	
96. <i>Orchestina baltica</i> Petrunkevitch, 1942	Pa Baltic amber
97. <i>Orchestina (Baltorchestina) bitterfeldensis</i> Wunderlich, 2008a	Pa Bitterfeld amber
98. <i>Orchestina breviembolus</i> Wunderlich, 1981	Pa Baltic amber
99. <i>Orchestina (Baltorchestina) brevis</i> Wunderlich, 2008a	Pa Baltic / Bitter. Amber
100. <i>Orchestina crassimbolus</i> Wunderlich, 1981	Pa Baltic amber
101. <i>Orchestina (Baltorchestina) crassipatellaris</i> Wunderlich, 1981	Pa Baltic amber
102. <i>Orchestina (Baltorchestina) crassitibialis</i> Wunderlich, 1981	Pa Baltic amber
103. <i>Orchestina (Baltorchestina) colchembolus</i> Wunderlich, 1981	Pa Baltic amber
104. <i>Orchestina colombiensis</i> Wunderlich, 2004at	Qt Colombian copal
105. <i>Orchestina dominicana</i> Wunderlich, 1981	Ne Dominican amber
106. <i>Orchestina forceps</i> Wunderlich, 1981	Pa Baltic amber
107. <i>Orchestina (Baltorchestina) forfex</i> Wunderlich, 2011h.....	Pa Baltic amber
108. <i>Orchestina (Baltorchestina) furca</i> Wunderlich, 1981	Pa Baltic amber
109. <i>Orchestina fushunensis</i> Wunderlich, 2004au	Pa Fu Shun amber
110. <i>Orchestina gappi</i> Saupe et al., 2012	K Archingeay amber
111. <i>Orchestina gracilitibialis</i> Wunderlich, 2004c	Pa Baltic amber
112. <i>Orchestina (Baltorchestina) imperialis</i> Wunderlich, 1981	Pa Baltic amber
113. <i>Orchestina kenyana</i> Wunderlich, 1981	Qt East African copal
114. <i>Orchestina longimana</i> Wunderlich, 1981	Qt East African copal
115. <i>Orchestina madagascariensis</i> Wunderlich, 2004as	Qt Madagascan copa
116. <i>Orchestina mortua</i> Petrunkevitch, 1971	Ne Chiapas amber
117. <i>Orchestina (Baltorchestina) multisetae</i> Wunderlich, 2008a	Pa Baltic amber

118. <i>Orchestina</i> (<i>Gallorchestina</i>) <i>parisiensis</i> Penney, 2007b	Pa	Le Quesnoy amber
119. <i>Orchestina</i> (<i>Baltorchestina</i>) <i>perfecta</i> Wunderlich, 2008a	Pa	Baltic amber
120. <i>Orchestina pusilla</i> (Menge in C. L. Koch & Berendt, 1854)	Pa	Baltic amber
121. <i>Orchestina rabagensis</i> Saupe et al., 2012	K	El Soplao amber
122. <i>Orchestina</i> (<i>Baltorchestina</i>) <i>rectangulata</i> Wunderlich, 2008a	Pa	Baltic amber
123. <i>Orchestina sakhalinensis</i> Marusik, Perkovsky & Eskov, 2018	Pa	Sakhalinian amber
124. <i>Orchestina</i> (<i>Baltorchestina</i>) <i>sternalis</i> Wunderlich, 2008a	Pa	Baltic amber
125. <i>Orchestina tibialis</i> Wunderlich, 1988	Ne	Dominican amber
126. <i>Orchestina truncata</i> Wunderlich, 2004at	Qt	Colombian copal
127. <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
128. <i>Stenoonops incertus</i> (Wunderlich, 1988)	Ne	Dominican amber
129. ? <i>Stenoonops rugosus</i> Wunderlich, 2004c	Pa	Bitterfeld amber
130. <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
† Burmorsolus Wunderlich, 2015b		Cretaceous
131. <i>Burmorsolus nonplumosus</i> Wunderlich, 2015b*	K	Burmese amber
<i>Burmorsolus</i> sp. indet. in Wunderlich (2015b)	K	Burmese amber
† Plumorsolus Wunderlich, 2008d		Cretaceous
132. <i>Plumorsolus gondwanensis</i> Wunderlich, 2008d	K	Lebanese amber
† Pseudorsolus Wunderlich, 2017c		Cretaceous
133. <i>Pseudorsolus crassus</i> (Wunderlich, 2015b)*	K	Burmese amber
DYSDERIDAE C. L. Koch, 1837		Palaeogene – Recent
† Dasumiana Wunderlich, 2004c		Palaeogene
134. <i>Dasumiana emicans</i> Wunderlich, 2004c*	Pa	Baltic amber
135. ? <i>Dasumiana subita</i> (Petrunkevitch, 1958)	Pa	Baltic amber
136. <i>Dasumiana valga</i> Wunderlich, 2004c	Pa	Baltic amber
Dysdera Latreille, 1804		Palaeogene – Recent
137. <i>Dysdera dilatata</i> Zhang, Sun & Zhang, 1994	Ne	Shanwang
Harpactea Bristowe, 1939		Palaeogene – Recent

138. <i>Harpactea communis</i> Wunderlich, 2004c	Pa Baltic amber
139. <i>Harpactea extincta</i> Petrunkevitch, 1950	Pa Baltic amber
140. <i>Harpactea hombergi</i> (Scopoli, 1763) [Recent]	Qt England
141. <i>Harpactea longibulbus</i> Wunderlich, 2011h	Pa Baltic amber
142. <i>Harpactea tersa</i> (C. L. Koch & Berendt, 1854) [provisional transfer]	Pa Baltic amber
<i>Harpactea</i> sp. in Wunderlich (2011h)	Pa Bitterfeld amber
† Segistriites Straus, 1967	Neogene
143. <i>Segistriites cromei</i> Straus, 1967*	Ne Willershausen
Dysderidae?	
† Mistura Petrunkevitch, 1971	Neogene
144. <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
145. <i>Loxosceles aculicaput</i> Wunderlich, 2004c	Ne Dominican amber
146. <i>Loxosceles defecta</i> Wunderlich, 1988	Ne Dominican amber
147. <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	
PERIEGOPIDAE Simon, 1893	Recent
no fossil record	
OCHYROCERATIDAE Fage, 1912 s. l. [incl. PSILODERCINAE]	Cretaceous – Recent
Wunderlich (2015b, 2017c) recognised Psilodercidae as a distinct family	
?Epsilodercidae indet. 1–3 in Wunderlich (2008d)	K Burmese amber
† Aculeatosoma Wunderlich, 2017c	Cretaceous
148. <i>Aculeatosoma pyritmutatio</i> Wunderlich, 2017c	K Burmese amber
† Arachnolithulus Wunderlich, 1988	Neogene
149. <i>Arachnolithulus longipes</i> Wunderlich, 2004c	Ne Dominican amber
150. <i>Arachnolithulus pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
? <i>Arachnolithulus</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Priscaleclercera Wunderlich, 2017c	Cretaceous
151. <i>Priscaleclercera brevispinae</i> Wunderlich, 2017c	K Burmese amber
152. <i>Priscaleclercera ellenbergeri</i> Wunderlich, 2015b*	K Burmese amber
153. <i>Priscaleclercera longissipes</i> (Wunderlich, 2012d)	K Burmese amber
154. <i>Priscaleclercera paucispinae</i> Wunderlich, 2017c	K Burmese amber

155. <i>Priscaleclercera sexaculeata</i> (Wunderlich, 2015b).....	K	Burmese amber
156. <i>Priscaleclercera spicula</i> (Wunderlich, 2012d)	K	Burmese amber
<i>Priscaleclercera</i> sp. indet. <i>in</i> (Wunderlich, 2015b).....	K	Burmese amber
<i>Priscaleclercera</i> sp. indet. <i>in</i> (Wunderlich, 2017c)	K	Burmese amber
† Propterpsiloderces Wunderlich, 2015b		Cretaceous
157. <i>Propterpsiloderces longisetae</i> Wunderlich, 2015b*.....	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		
† Eopsiloderces Wunderlich, 2008d		Cretaceous
158. <i>Eopsiloderces filiformis</i> (Wunderlich, 2012d)	K	Burmese amber
159. <i>Eopsiloderces loxosceloides</i> Wunderlich, 2008d*	K	Burmese amber
160. <i>Eopsiloderces serenitas</i> Wunderlich, 2015b.....	K	Burmese amber
<i>Eopsiloderces</i> sp. indet. <i>in</i> Wunderlich (2015b)	K	Burmese amber
† Loxoderces Wunderlich, 2017c		Cretaceous
161. <i>Loxoderces curvatus</i> Wunderlich, 2017c	K	Burmese amber
162. <i>Loxoderces longicymbium</i> Wunderlich, 2017c*	K	Burmese amber
163. <i>Loxoderces rectus</i> Wunderlich, 2017c	K	Burmese amber
† Praepholcus Wunderlich, 2017c		Cretaceous
164. <i>Praepholcus huberi</i> Wunderlich, 2017c*	K	Burmese amber
SCYTODIDAE Blackwall, 1864		
Scytodidae sp. 1–2 <i>in</i> Wunderlich (2004b)	Pa	Bitterfeld amber
Scytodes Latreille, 1804a		
165. ? <i>Scytodes hani</i> Wunderlich, 2012d	K	Jordanian amber
166. <i>Scytodes marginalis</i> Wunderlich, 2004as	Qt	Madagascan copal
167. <i>Scytodes piliformis</i> Wunderlich, 1988	Ne	Dominican amber
168. <i>Scytodes planithorax</i> Wunderlich, 1988	Ne	Dominican amber
169. <i>Scytodes stridulans</i> Wunderlich, 1988	Ne	Dominican amber
170. <i>Scytodes weitschati</i> Wunderlich, 1993a	Pa	Baltic amber
<i>Scytodes</i> sp. <i>in</i> Wunderlich (1988)	Ne	Dominican amber
<i>Scytodes</i> sp. <i>in</i> Wunderlich (2011h)	Pa	Baltic amber
LOST TRACHEA CLADE		
TETRABLEMMIDAE O. P.-Cambridge, 1873		
= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]		
= PACULLIDAE Simon, 1894		
Tetrablemmidae gen. indet. <i>in</i> Wunderlich (2012d)	K	Burmese amber
Tetrablemmidae ?gen. sp. indet. <i>in</i> Wunderlich, 2015b.....	K	Burmese amber
Tetrablemmidae indet. <i>in</i> Wunderlich, 2017c.....	K	Burmese amber
† Balticoblemma Wunderlich, 2004c		Palaeogene

171. <i>Balticoblemma unicorniculum</i> Wunderlich, 2004c*	Pa	Baltic amber
† Bicornoculus Wunderlich, 2015b		Cretaceous
172. <i>Bicornoculus levis</i> Wunderlich, 2015b*	K	Burmese amber
? <i>Bicornoculus</i> sp. in Wunderlich, 2015b	K	Burmese amber
† Brignoliblemma Wunderlich, 2017c		Cretaceous
173. <i>Brignoliblemma bizarre</i> Wunderlich, 2017c	K	Burmese amber
174. <i>Brignoliblemma nala</i> Wunderlich, 2017c*	K	Burmese amber
175. <i>Brignoliblemma paranala</i> Wunderlich, 2017c	K	Burmese amber
† Cymbioblemma Wunderlich, 2017c		Cretaceous
176. <i>Cymbioblemma corniger</i> Wunderlich, 2017c*	K	Burmese amber
† Electroblemma Selden, Zhang & Ren, 2016		Cretaceous
177. <i>Electroblemma bifida</i> Selden, Zhang & Ren, 2016*	K	Burmese amber
† Eogamasomorpha Wunderlich, 2008d		Cretaceous
= † <i>Eoscaphiella</i> Wunderlich, 2011i		
178. ? <i>Eogamasomorpha clara</i> Wunderlich, 2015b	K	Burmese amber
179. <i>Eogamasomorpha hamata</i> Wunderlich, 2017c	K	Burmese amber
180. <i>Eogamasomorpha nubila</i> Wunderlich, 2008d*	K	Burmese amber
181. <i>Eogamasomorpha ohlhoffi</i> (Wunderlich, 2011i)	K	Burmese amber
182. ? <i>Eogamasomorpha unicornis</i> Wunderlich, 2017c	K	Burmese amber
<i>Eogamasomorpha</i> sp. indet. in Wunderlich (2017c)	K	Burmese amber
† Furcembolus Wunderlich, 2008d		Cretaceous
= † <i>Praeterpaculla</i> Wunderlich, 2015b		
183. <i>Furcembolus andersoni</i> Wunderlich, 2008d*	K	Burmese amber
184. <i>Furcembolus armatura</i> (Wunderlich, 2015b)	K	Burmese amber
185. <i>Furcembolus biacuta</i> (Wunderlich, 2015b)	K	Burmese amber
186. <i>Furcembolus crassitibia</i> Wunderlich, 2017c	K	Burmese amber
187. <i>Furcembolus dissolata</i> (Wunderlich, 2015b)	K	Burmese amber
188. <i>Furcembolus equester</i> (Wunderlich, 2015b)	K	Burmese amber
189. <i>Furcembolus grossa</i> Wunderlich, 2017c	K	Burmese amber
190. <i>Furcembolus longior</i> Wunderlich, 2017c	K	Burmese amber
191. <i>Furcembolus tuberosa</i> (Wunderlich, 2015b)*	K	Burmese amber
† Longissithorax Wunderlich, 2017c		Cretaceous
192. <i>Longissithorax myanmarensis</i> Wunderlich, 2017c*	K	Burmese amber
† Longithorax Wunderlich, 2017c		Cretaceous
193. <i>Longithorax furca</i> Wunderlich, 2017c*	K	Burmese amber
Monoblemma Gertsch, 1941		Neogene
194. ? <i>Monoblemma spinosum</i> Wunderlich, 1988	Ne	Dominican amber
† Palpalpaculla Wunderlich, 2017c		Cretaceous
195. <i>Palpalpaculla pulcher</i> Wunderlich, 2017c*	K	Burmese amber
† Saetosoma Wunderlich, 2012d		Cretaceous
196. <i>Saetosoma filiembolus</i> Wunderlich, 2012d*	K	Burmese amber

† <i>Uniscutosoma</i> Wunderlich, 2015b	Cretaceous
197. <i>Uniscutosoma aberrans</i> Wunderlich, 2015b*	K Burmese amber
PLECTREURIDAE Simon, 1893	Jurassic – Recent
† <i>Eoplectreureys</i> Selden & Huang, 2010	Jurassic
198. <i>Eoplectreureys gertschi</i> Selden & Huang, 2010*	J Daohugou
† <i>Montsecarachne</i> Selden, 2014a	Cretaceous
199. <i>Montsecarachne amicorum</i> Selden, 2014a*	K El Montsec
erroneously cited as <i>amicus</i> in the abstract	
† <i>Palaeoplectreureys</i> Wunderlich, 2004c	Palaeogene
200. <i>Palaeoplectreureys baltica</i> Wunderlich, 2004c*	Pa Baltic amber
Plectreureys Simon, 1893	Neogene – Recent
201. <i>Plectreureys 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
Coryssocnemis Simon, 1893	Neogene – Recent
202. ? <i>Coryssocnemis velteni</i> Wunderlich, 2004c	Ne Dominican amber
Leptopholcus Simon, 1893	Neogene
203. <i>Leptopholcus kiskeya</i> Huber & Wunderlich, 2006	Ne Dominican amber
Modisimus Simon, 1893	Neogene – Recent
204. <i>Modisimus calcar</i> Wunderlich, 1988	Ne Dominican amber
205. <i>Modisimus calcaroides</i> Wunderlich, 1988	Ne Dominican amber
206. <i>Modisimus crassifemoralis</i> Wunderlich, 1988	Ne Dominican amber
207. <i>Modisimus oculatus</i> Wunderlich, 1988	Ne Dominican amber
208. <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
209. <i>Paraspermophora bitterfeldensis</i> Wunderlich, 2004c	Pa Bitterfeld amber
210. <i>Paraspermophora perplexa</i> Wunderlich, 2004c*	Pa Baltic amber
<i>Paraspermophora</i> sp. <i>in</i> Wunderlich (2004c, 2011h)	Pa Baltic / Bitt. amber
Pholcophora Banks, 1896	Neogene – Recent
211. <i>Pholcophora brevipes</i> Wunderlich, 1988	Ne Dominican amber
212. <i>Pholcophora gracilis</i> Wunderlich, 1988	Ne Dominican amber
213. <i>Pholcophora longicornis</i> Wunderlich, 1988	Ne Dominican amber
Quamtana Huber, 2003	Palaeogene – Recent
214. <i>Quamtana huberi</i> Penney, 2007a	Pa Le Quesnoy amber
† <i>Serratochorus</i> Wunderlich, 1988	Neogene

215. *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
- † ***Autotomiana* Wunderlich, 2015b** **Cretaceous**
216. *Autotomiana hirsutipes* Wunderlich, 2015b* K Burmese amber
- ? *Autotomiana* sp. indet. *in* Wunderlich, 2015b K Burmese amber
- † ***Biapophyses* Wunderlich, 2015b** **Cretaceous**
217. *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.
- † ***Palaeohygropoda* Penney, 2004c** **Cretaceous**
218. *Palaeohygropoda myanmarensis* Penney, 2004c* K Burmese amber
- † ***Praeterleptoneta* Wunderlich, 2008d** **Cretaceous**
219. *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
220. *Praeteraraneoides bifurcatum* Wunderlich *in* Wunderlich & Müller, 2018* K Burmese amber
221. *Praeteraraneoides bipartitum* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
222. *Praeteraraneoides leni* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
- † ***Proaraneoides* Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
223. *Proaraneoides cribellatum* Wunderlich *in* Wunderlich & Müller, 2018* K Burmese amber
- † ***Protoaraneoides* Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
224. *Protoaraneoides longispina* Wunderlich *in* Wunderlich & Müller, 2018* K Burmese amber
- † ***Spinipalpitibia* Wunderlich, 2015b** **Cretaceous**
225. *Spinipalpitibia hirsuta* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
226. *Spinipalpitibia maior* Wunderlich, 2015b* K Burmese amber
- Spinipalpitibia* sp. *in* Wunderlich & Müller (2018) K Burmese amber
- † **PHOLCOCHYROCERIDAE Wunderlich, 2008d (n. stat. 2012d)** **Cretaceous**
- † ***Parvibulbus* Wunderlich *in* Wunderlich & Müller, 2018** **Cretaceous**
227. *Parvibulbus incompletus* Wunderlich *in* Wunderlich & Müller, 2018 K Burmese amber
- † ***Pholcochyrocer* Wunderlich, 2008d** **Cretaceous**
228. *Pholcochyrocer altipecten* Wunderlich, 2017c K Burmese amber

229. ? <i>Pholcochyrocer baculum</i> Wunderlich, 2012 <i>d</i>	K Burmese amber
230. <i>Pholcochyrocer calidum</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
231. <i>Pholcochyrocer guttulaequae</i> Wunderlich, 2008 <i>d</i> *	K Burmese amber
232. <i>Pholcochyrocer pecten</i> Wunderlich, 2012 <i>d</i>	K Burmese amber
233. <i>Pholcochyrocer vermiculus</i> Wunderlich in Wunderlich & Müller, 2018.....	K Burmese amber
† <i>Spinicreber</i> Wunderlich, 2015<i>b</i>	Cretaceous
234. <i>Spinicreber antiquus</i> Wunderlich, 2015 <i>b</i> *	K Burmese amber
† <i>Spinipalpus</i> Wunderlich, 2015<i>b</i>	Cretaceous
235. <i>Spinipalpus vetus</i> Wunderlich, 2015 <i>b</i> *	K Burmese amber
LEPTONETIDAE Simon, 1890	Cretaceous – Recent
† <i>Eoleptoneta</i> Wunderlich, 1991	Palaeogene
236. <i>Eoleptoneta curvata</i> Wunderlich, 2004 <i>c</i>	Pa Bitterfeld amber
237. <i>Eoleptoneta duocalcar</i> Wunderlich, 2004 <i>c</i>	Pa Baltic amber
238. <i>Eoleptoneta kutscheri</i> Wunderlich, 1991*	Pa Bitterfeld amber
239. <i>Eoleptoneta multispinae</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
240. <i>Eoleptoneta pseudoarticulata</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
241. <i>Eoleptoneta similis</i> Wunderlich, 2004 <i>c</i>	Pa Baltic amber
† <i>Oligoleptoneta</i> Wunderlich 2004<i>c</i>	Palaeogene
242. <i>Oligoleptoneta altoculus</i> Wunderlich 2004 <i>c</i> *	Pa Baltic amber
243. <i>Oligoleptoneta cymbiospina</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
† <i>Palaeoleptoneta</i> Wunderlich 2012<i>d</i>	Cretaceous
244. <i>Palaeoleptoneta calcar</i> Wunderlich, 2012 <i>d</i> *	K Burmese amber
245. <i>Palaeoleptoneta crus</i> Wunderlich, 2017 <i>c</i>	K Burmese amber
246. <i>Palaeoleptoneta nils</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
247. <i>Palaeoleptoneta thilo</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
<i>Paleoleptoneta</i> sp. indet. in Wunderlich (2017 <i>c</i>)	K Burmese amber
AUSTROCHILIDAE Zapfe, 1955	Recent
= THAIDIDAE Lehtinen, 1967	
= HICKMANIIDAE Lehtinen, 1967	
no fossil record	
TELEMIDAE Fage, 1913	?Cretaceous – Recent
<i>Telema</i> Simon, 1882	Palaeogene – Recent
248. ? <i>Telema moritzi</i> Wunderlich, 2004 <i>c</i>	Pa Baltic / Bitt. amber
<i>Telemofila</i> Wunderlich, 1995	?Cretaceous – Recent
249. ? <i>Telemofila crassifemoralis</i> Wunderlich, 2004 <i>c</i>	K Burmese amber
PALPIMANOIDEA Thorell, 1870a	Jurassic – Recent
family uncertain	
† <i>Seppo</i> Selden & Dunlop, 2014	Jurassic

250. *Seppo kopenhageni* Selden & Dunlop, 2014* J Grimmen, Germany
 Wunderlich (2015b) suggested possible affinities to Araneidae
- † ***Sinaranea* Selden, Huang & Ren, 2008** **Jurassic**
251. *Sinaranea metaxyostraca* Selden, Huang & Ren, 2008* J Daohugou, China
- MECY SMAUCHENIIDAE Simon, 1895** **Cretaceous – Recent**
- † ***Archaeomecys* Saupe & Selden, 2009** **Cretaceous**
252. *Archaeomecys arcantiensis* Saupe & Selden, 2009 K Charente amber
 Wunderlich (2015b) suggested that this could be an archaetid (Archaetinae)
- HUTTONIIDAE Simon, 1893** **Cretaceous – Recent**
- unnamed genus and species in Penney & Selden (2006) K Manitoban amber
- † **MICROPALPIMANIDAE Wunderlich, 2008d** **Cretaceous**
- † ***Microalpimanus* Wunderlich, 2008d** **Cretaceous**
- Microalpimanus* sp. indet. in Wunderlich (2012d) K Burmese amber
253. *Microalpimanus poinari* Wunderlich, 2008d K Burmese amber
- PALPIMANIDAE Thorell, 1870a** **Cretaceous – Recent**
- = OTITHOPOIDAE Thorell, 1869 [younger name protected by useage]
 = CHERSIDAE Canestrini & Pavesi, 1870
- Palpimanidae indet. in Wunderlich, 2017c K Burmese amber
- Otiotrops MacLeay, 1839** **Neogene – Recent**
- Otiotrops* sp. 1–2 in Wunderlich (1988) Ne Dominican amber
- † **LAGONOMEGOPIDAE Eskov & Wunderlich, 1995** **Cretaceous**
- Lagonomegopidae indet. in Wunderlich, 2015b K Burmese amber
- Lagonomegopidae gen et sp. indet. in Wunderlich, 2017c K Burmese amber
- † ***Albiburmops* Wunderlich, 2017c** **Cretaceous**
254. *Albiburmops annulipes* Wunderlich, 2017c* K Burmese amber
- † ***Archaelagonops* Wunderlich, 2012d** **Cretaceous**
255. *Archaelagonops propinquus* Wunderlich, 2015b K Burmese amber
256. *Archaelagonops salticoides* Wunderlich, 2012d* K Burmese amber
257. *Archaelagonops scorsum* Wunderlich, 2015b K Burmese amber
- Archaelagonops* sp. indet. in Wunderlich (2015b) K Burmese amber
- † ***Burlagonomegops* Penney, 2005b** **Cretaceous**
258. *Burlagonomegops alavensis* Penney, 2006b K Álava amber
259. *Burlagonomegops eskovi* Penney, 2005b* K Burmese amber
- † ***Cymbiolagonops* Wunderlich, 2015b** **Cretaceous**
260. *Cymbiolagonops cymbiocalcar* Wunderlich, 2015b* K Burmese amber
- † ***Lagonoburmops* Wunderlich, 2012d** **Cretaceous**
261. *Lagonoburmops plumosus* Wunderlich, 2012d* K Burmese amber

- † **Lagonomegops Eskov & Wunderlich, 1995** **Cretaceous**
262. *Lagonomegops americanus* Penney, 2005*b* K New Jersey amber
263. ?*Lagonomegops cor* Pérez-de la Fuente, Saupe & Selden, 2015 K Álava amber
264. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995* K Taimyr amber
265. ?*Lagonomegops tuber* Wunderlich, 2015*b* K Burmese amber
- † **Lineaburmops Wunderlich, 2015*b*** **Cretaceous**
266. *Lineaburmops beigeli* Wunderlich, 2015*b** K Burmese amber
267. *Lineaburmops hirsutipes* Wunderlich, 2015*b* K Burmese amber
268. *Lineaburmops maculatus* Wunderlich, 2017*c* K Burmese amber
- † **Myanlagonops Wunderlich, 2012*d*** **Cretaceous**
269. *Myanlagonops gracilipes* Wunderlich, 2012*d** K Burmese amber
- † **Parviburmops Wunderlich, 2015*b*** **Cretaceous**
270. ?*Parviburmops bigibber* Wunderlich, 2015*b* K Burmese amber
271. *Parviburmops brevipalpus* Wunderlich, 2015*b** K Burmese amber
- † **Paxillomegops Wunderlich, 2015*b*** **Cretaceous**
272. ?*Paxillomegops brevipes* Wunderlich, 2015*b* K Burmese amber
273. ?*Paxillomegops cornutus* Wunderlich, 2017*c* K Burmese amber
274. *Paxillomegops longipes* Wunderlich, 2015*b** K Burmese amber
- † **Picturmegops Wunderlich, 2015*b*** **Cretaceous**
275. *Picturmegops signatus* Wunderlich, 2015*b** K Burmese amber
- † **Planimegops Wunderlich, 2017*c*** **Cretaceous**
276. *Planimegops parvus* Wunderlich, 2017*c** K Burmese amber
- † **Soplaogonomegops Pérez-de la Fuente, Saupe & Selden** **Cretaceous**
- Wunderlich (2015*b*) tentatively synonymised this genus with *Archaelagonops*
277. *Soplaogonomegops unzuei* Pérez-de la Fuente, Saupe & Selden, 2015* K El Soplao amber
- † **Spinomegops Pérez-de la Fuente, Saupe & Selden, 2015** **Cretaceous**
278. *Spinomegops aragonensis* Pérez-de la Fuente, Saupe & Selden, 2015 K San Just amber
279. *Spinomegops arcanus* Pérez-de la Fuente, Saupe & Selden, 2015* K Álava amber
- † **Zarquagonomegops Kaddumi, 2007** **Cretaceous**
280. *Zarquagonomegops wunderlichi* Kaddumi, 2007* K Jordanian amber
- † **GRANDOCULIDAE Penney, 2011** **Cretaceous**
- The validity of this family has been challenged (cf. Wunderlich 2012*d*, 2015*b* & Pérez-de la Fuente *et al.* 2013)
- † **Grandoculus Penney, 2004*b*** **Cretaceous**
281. *Grandoculus chemahawinensis* Penney, 2004*b** K Canadian amber
- † **SPATIATORIDAE Petrunkevitch, 1942** **Cretaceous – Palaeo.**
- Spatiatoridae indet *in* Wunderlich 2017*c* K Burmese amber
- † **Spatiator Petrunkevitch, 1942** **Cretaceous – Palaeo.**

282. <i>Spatiator bitterfeldensis</i> Wunderlich, 2017a	Pa	Bitterfeld amber
283. <i>Spatiator caulis</i> Wunderlich, 2008a	Pa	Baltic amber
284. <i>Spatiator martensi</i> Wunderlich, 2006	Pa	Baltic amber
285. <i>Spatiator praeceps</i> Petrunkevitch, 1942*	Pa	Baltic amber
286. <i>Spatiator putescens</i> Wunderlich, 2015b	K	Burmese amber
<i>Spatiator</i> sp. in Wunderlich (2011h)	Pa	Baltic amber
† VETIATORIDAE Wunderlich, 2017c		Cretaceous
Vetiatoridae indet. in Wunderlich (2017c)	K	Burmese amber
† Pekkachilus Wunderlich, 2017c		Cretaceous
<i>Pekkachilus</i> sp. indet. in Wunderlich (2017c)	K	Burmese amber
287. <i>Pekkachilus vesica</i> Wunderlich, 2017c*	K	Burmese amber
† Vetiator Wunderlich, 2015b		Cretaceous
288. <i>Vetiator gracilipes</i> Wunderlich, 2015b*	K	Burmese amber
STENOCHILIDAE Thorell, 1873		Recent
no fossil record		
ARCHAEIDAE C. L. Koch & Berendt, 1854		Jurassic – Recent
Archaeinae indet. in Wunderlich, 2015b	K	Burmese amber
Archaea C. L. Koch & Berendt, 1854		Palaeogene – Recent
289. ? <i>Archaea bitterfeldensis</i> Wunderlich, 2004d	Pa	Bitterfeld amber
290. <i>Archaea compacta</i> Wunderlich, 2004d	Pa	Baltic amber
291. <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
292. <i>Archaea pougneti</i> Simon, 1884b	Pa	Baltic amber
† Baltarchaea Eskov, 1992		Palaeogene
293. <i>Baltarchaea conica</i> (C. L. Koch & Berendt, 1854)*	Pa	Baltic amber
† Burmesarchaea Wunderlich, 2008d		Cretaceous
294. <i>Burmesarchaea alissa</i> Wunderlich, 2017c	K	Burmese amber
295. <i>Burmesarchaea caudata</i> Wunderlich, 2017c	K	Burmese amber
296. <i>Burmesarchaea crassicaput</i> Wunderlich, 2017c	K	Burmese amber
297. <i>Burmesarchaea crassichelae</i> Wunderlich, 2017c	K	Burmese amber
298. <i>Burmesarchaea gibber</i> Wunderlich, 2017c	K	Burmese amber
299. <i>Burmesarchaea gibberoides</i> Wunderlich, 2017c	K	Burmese amber
300. <i>Burmesarchaea gibbosa</i> Wunderlich, 2017c	K	Burmese amber
301. <i>Burmesarchaea grimaldii</i> (Penney, 2003a)	K	Burmese amber
302. <i>Burmesarchaea longicollum</i> Wunderlich, 2017c	K	Burmese amber
303. <i>Burmesarchaea propinqua</i> Wunderlich, 2017c	K	Burmese amber

304. <i>Burmesarchaea pseudogibber</i> Wunderlich, 2017c	K Burmese amber
305. <i>Burmesarchaea pustulata</i> Wunderlich, 2017c	K Burmese amber
306. <i>Burmesarchaea quadrata</i> Wunderlich, 2017c	K Burmese amber
307. <i>Burmesarchaea speciosus</i> (Wunderlich, 2008d)	K Burmese amber
† Eoarchaea Forster & Platnick, 1984	Palaeogene
308. <i>Eoarchaea hyperoptica</i> (Menge in C. L. Koch & Berendt, 1854)*	Pa Baltic amber
309. <i>Eoarchaea vidua</i> Wunderlich, 2004d	Pa Baltic amber
† Eomysmauchenius Wunderlich, 2008d	Cretaceous
310. <i>Eomysmauchenius dubius</i> Wunderlich, 2008d	K Burmese amber
311. <i>Eomysmauchenius longissipes</i> Wunderlich, 2015b	K Burmese amber
tentative transfer by Wunderlich (2017c)	
312. <i>Eomysmauchenius septentrionalis</i> Wunderlich, 2008d*	K Burmese amber
Eriauchenius O. P.-Cambridge, 1881	Quaternary – Recent
313. <i>Eriauchenius gracilicollis</i> (Millot, 1948) [Recent]	Qt Copal
i. = <i>Archaea copalensis</i> Lourenço, 2000b	Qt Copal
† Jurarchaea Eskov, 1987	Jurassic
314. <i>Jurarchaea zherikhini</i> Eskov, 1987*	J Kazakhstan
† Myrmecarchaea Wunderlich, 2004d	Palaeogene
315. <i>Myrmecarchaea petiolus</i> Wunderlich, 2004d*	Pa Baltic amber
316. <i>Myrmecarchaea pediculus</i> Wunderlich, 2004d	Pa Baltic amber
† Pataarchaea Selden, Huang & Ren, 2008	Jurassic
317. <i>Pataarchaea muralis</i> Selden, Huang & Ren, 2008*	J Daohugou, China
† Planarchaea Wunderlich, 2015b	Cretaceous
= † <i>Filiauchenius</i> Wunderlich, 2008d	
318. <i>Planarchaea kopp</i> Wunderlich, 2015b*	K Burmese amber
319. <i>Planarchaea oblonga</i> Wunderlich, 2017c	K Burmese amber
320. <i>Planarchaea ovata</i> Wunderlich, 2017c	K Burmese amber
321. <i>Planarchaea paucidentatus</i> (Wunderlich, 2008d) tentative transfer	K Burmese amber
322. <i>Planarchaea pilosa</i> (Wunderlich, 2015b) tentative transfer	K Burmese amber
† Saxonarchaea Wunderlich, 2004d	Palaeogene
323. <i>Saxonarchaea dentata</i> Wunderlich, 2004d*	Pa Bitterfeld amber
324. <i>Saxonarchaea diabolica</i> Wunderlich, 2004d	Pa Bitterfeld amber
ENTELEGYNAE Simon, 1893	Jurassic – Recent
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
325. <i>Mesarania hebeiensis</i> Hong, 1984*	J Hebei, China
† PRAETHERIDIIDAE Wunderlich, 2004I (n. stat. 2012)	Palaeogene
† <i>Praetheridion</i> Wunderlich, 2004I	Palaeogene
326. <i>Praetheridion fleissneri</i> Wunderlich, 2004I*	Pa Baltic amber
† PROTHERIDIIDAE Wunderlich, 2004I	Palaeogene
† <i>Protheridion</i> Wunderlich, 2004I	Palaeogene
327. <i>Protheridion bitterfeldensis</i> Wunderlich, 2004I	Pa Bitterfeld amber
328. <i>Protheridion detritus</i> Wunderlich, 2004I	Pa Baltic amber
329. <i>Protheridion obscurum</i> Wunderlich, 2004I	Pa Baltic amber
330. <i>Protheridion punctatum</i> Wunderlich, 2004I	Pa Baltic amber
331. <i>Protheridion tibialis</i> Wunderlich, 2004I*	Pa Baltic amber
† LEVIUNGUIDAE Wunderlich <i>in</i> Wunderlich & Müller, 2018	Cretaceous
† <i>Leviunguis</i> Wunderlich, 2012d	Cretaceous
332. <i>Leviunguis altus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
333. <i>Leviunguis anulus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
334. <i>Leviunguis anuloides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
335. <i>Leviunguis bruckschi</i> Wunderlich, 2012d*	K Burmese amber
336. <i>Leviunguis bruckschoides</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
337. <i>Leviunguis erectus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
338. <i>Leviunguis glomulus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
339. <i>Leviunguis glomus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
340. <i>Leviunguis graciliembolus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
341. <i>Leviunguis gradus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
342. <i>Leviunguis porrigens</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
343. <i>Leviunguis pseudobruckschi</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
344. <i>Leviunguis quadratus</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018	K Burmese amber
THERIDIIDAE Sundevall, 1833	Cretaceous – Recent
= PHYCOIDAE Thorell, 1873	
= EPISINIDAE O. P.-Cambridge, 1879a	
= HADROTARSIDAE Thorell, 1881	
?Theridiidae gen. et sp. indet. <i>in</i> McAlpine & Martin (1969)	K Canadian amber
Theridiidae gen. et sp. <i>in</i> Nishikawa (1974)	Qt Mizunami copal
Achaeearanea Strand, 1929	Neogene – Recent
345. <i>Achaeearanea extincta</i> Wunderlich, 1988	Ne Dominican amber
<i>Achaeearanea</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Argyrodes Simon, 1864	Neogene – Recent

346. <i>Argyrodes (Ariamnes) copalis</i> Wunderlich, 2008 <i>b</i>	Qt Colombian copal
347. <i>Argyrodes (Ariamnes) resina</i> Wunderlich, 2011 <i>f</i>	Qt Madagascar copal
348. <i>Argyrodes (Rhomphaea) gibbifera</i> Wunderlich, 2004 <i>as</i>	Qt Madagascar copal
349. <i>Argyrodes parvipatellaris</i> Wunderlich, 1988	Ne Dominican amber
<i>Argyrodes</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Balticoridion Wunderlich, 2008<i>b</i>	Palaeogene
350. <i>Balticoridion dubium</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic / Bitt. amber
† Balticpholcomma Wunderlich, 2008<i>b</i>	Palaeogene
351. <i>Balticpholcomma scutatum</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic amber
† Burmatheridon Wunderlich in Wunderlich & Müller, 2018	Palaeogene
352. <i>Burmatheridon sinespinae</i> Wunderlich in Wunderlich & Müller, 2018* ...	K Burmese amber
† Caudasinus Wunderlich, 2008<i>b</i>	Palaeogene
353. <i>Caudasinus bispinosus</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
354. <i>Caudasinus caudatus</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic amber
355. <i>Caudasinus regeneratus</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
<i>Caudasinus</i> sp. in Wunderlich (2008 <i>b</i>)	Pa Baltic amber
Chrosiothes Simon, 1894	Neogene – Recent
356. <i>Chrosiothes biconigerus</i> Wunderlich, 1988	Ne Dominican amber
357. <i>Chrosiothes curvispinosus</i> Wunderlich, 1988	Ne Dominican amber
358. <i>Chrosiothes emulgatus</i> Wunderlich, 1988	Ne Dominican amber
359. <i>Chrosiothes longispinosus</i> Wunderlich, 1988	Ne Dominican amber
360. <i>Chrosiothes monoceros</i> Wunderlich, 1988	Ne Dominican amber
361. <i>Chrosiothes tumulus</i> Wunderlich, 1988	Ne Dominican amber
362. <i>Chrosiothes unicornis</i> Wunderlich, 1988	Ne Dominican amber
Chryso O. P.-Cambridge, 1882<i>a</i>	Neogene – Recent
363. <i>Chryso conspicua</i> Wunderlich, 1988	Ne Dominican amber
364. <i>Chryso dubia</i> Wunderlich, 1988	Ne Dominican amber
† Clavibertus Wunderlich, 2008<i>b</i>	Palaeogene
365. <i>Clavibertus parvus</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
366. <i>Clavibertus prominens</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic amber
† Clya C. L. Koch & Berendt, 1854	Palaeogene
367. <i>Clya abdita</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
368. <i>Clya lugubris</i> C. L. Koch & Berendt, 1854*	Pa Baltic / Rovno amber
369. <i>Clya calefacta</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
370. <i>Clya gracilis</i> (Petrunkevitch, 1958)	Pa Baltic amber
371. <i>Clya granulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
372. <i>Clya obscura</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
373. <i>Clya rotata</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
374. <i>Clya supercalefacta</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
375. <i>Clya superspiralis</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
376. <i>Clya tricurvata</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber

† Cornutidion Wunderlich, 1988	Neogene
377. <i>Cornutidion elongatum</i> Wunderlich, 1988*	Ne Dominican amber
Craspedisia Simon, 1894	Neogene – Recent
378. <i>Craspedisia yapchoonteki</i> Penney & Marusik in Penney <i>et al.</i> (2012 <i>b</i>)	Ne Dominican amber
† Cretotheridion Wunderlich, 2015<i>b</i>	Cretaceous
379. <i>Cretotheridion inopinatum</i> Wunderlich, 2015 <i>b</i> *	K Burmese amber
† Cymbiopholcomma Wunderlich, 2008<i>b</i>	Palaeogene
380. <i>Cymbiopholcomma dudum</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic amber
381. <i>Cymbiopholcomma spiculum</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
† Dipoenata Wunderlich, 1988	Neogene
382. <i>Dipoenata altiocolata</i> Wunderlich, 1988	Ne Dominican amber
383. <i>Dipoenata cala</i> Wunderlich, 1988	Ne Dominican amber
384. <i>Dipoenata clypeata</i> Wunderlich, 1988	Ne Dominican amber
385. <i>Dipoenata globulus</i> Wunderlich, 1988	Ne Dominican amber
386. <i>Dipoenata praedominicana</i> (Wunderlich, 1986)	Qt Dominican copal
387. <i>Dipoenata stipes</i> Wunderlich, 1988*	Ne Dominican amber
388. <i>Dipoenata yolandae</i> Wunderlich, 1988	Ne Dominican amber
<i>Dipoenata</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Eoasagena Wunderlich, 2008<i>b</i>	Palaeogene
389. <i>Eoasagena scutata</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic amber
† Eolyrifer Wunderlich, 2008<i>b</i>	Palaeogene
390. <i>Eolyrifer longitibialis</i> Wunderlich, 2008 <i>b</i> *	Pa Baltic amber
† Eomysmena Petrunkevitch, 1942	Palaeogene – Neogene
= † <i>Antopia</i> Menge in C. L. Koch & Berendt, 1854 [tentative synonymy]	
= † <i>Astodipoena</i> Petrunkevitch, 1958	
= † <i>Eodipoena</i> Petrunkevitch, 1942	
391. <i>Eomysmena asta</i> Petrunkevitch, 1971	Ne Chiapas amber
392. <i>Eomysmena aviceps</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
393. <i>Eomysmena calefacta</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber
394. <i>Eomysmena crassa</i> (Petrunkevitch, 1958)	Pa Baltic amber
395. <i>Eomysmena baltica</i> Petrunkevitch, 1946	Pa Baltic amber
396. ' <i>Eomysmena</i> ' <i>bassleri</i> (Petrunkevitch, 1942)	Pa Baltic amber
397. ? <i>Eomysmena kaestneri</i> (Petrunkevitch, 1958)	Pa Baltic amber
398. <i>Eomysmena militaris</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
399. <i>Eomysmena moritura</i> Petrunkevitch, 1942*	Pa Baltic amber
i. = <i>Eomysmena consulta</i> (Petrunkevitch, 1958)	
[tentative synonymy]	Pa Baltic amber
400. <i>Eomysmena nielsenii</i> (Petrunkevitch, 1958)	Pa Baltic amber
401. <i>Eomysmena oculata</i> (Petrunkevitch, 1942)	Pa Baltic amber
402. <i>Eomysmena punctulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
403. <i>Eomysmena recta</i> Wunderlich, 2008 <i>b</i>	Pa Baltic amber

404. *Eomysmena tenera* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
Eomysmena spp. in Wunderlich 2008b Pa Baltic / Bitt. Amber
- † **Eoteutana Wunderlich, 2008b** **Palaeogene**
405. *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
= † *Municeps* Petrunkevitch, 1942 [tentative synonymy]
406. *Episinus anapidaeque* Wunderlich, 2008b Pa Baltic amber
407. *Episinus antecognatus* Wunderlich, 1986 Qt Dominican copal
408. *Episinus appendix* Wunderlich, 2008b Pa Baltic amber
409. *Episinus arrodens* Wunderlich, 2008b Pa Baltic amber
410. *Episinus balticus* Marusik & Penney, 2004 Pa Baltic / Bitt. Amber
411. *Episinus brevipalpus* Wunderlich, 1988 Ne Dominican amber
412. *Episinus bulla* Wunderlich, 2008b Pa Baltic amber
413. *Episinus chiapasanus* (Petrunkevitch, 1971) Ne Chiapas amber
414. *Episinus clunis* Wunderlich, 2008b Pa Baltic amber
415. *Episinus cochlear* Wunderlich, 2008b Pa Baltic amber
416. *Episinus cornutus* Wunderlich, 1988 Ne Dominican amber
417. *Episinus cymbialis* Wunderlich, 2008b Pa Baltic amber
418. *Episinus dimidius* Wunderlich, 2008b Pa Baltic amber
419. *Episinus eskovi* Marusik & Penney, 2004 Pa Baltic amber
420. *Episinus isopteraque* Wunderlich, 2008b Pa Baltic amber
421. *Episinus latus* Wunderlich, 2008b Pa Baltic amber
422. *Episinus longimanus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 i. = *Malleator niger* Petrunkevitch, 1942 Pa Baltic amber
423. *Episinus longisoma* Wunderlich, 2008b Pa Baltic amber
424. *Episinus minutus* (Petrunkevitch, 1958) Pa Baltic amber
425. *Episinus mordellidaeque* Wunderlich, 2008b Pa Baltic amber
426. *Episinus musculus* Wunderlich, 2008b Pa Baltic amber
427. *Episinus mutilus* (Petrunkevitch, 1958) Pa Baltic amber
428. *Episinus nausticymbium* Wunderlich, 2008b Pa Baltic amber
429. *Episinus neglectus* (Petrunkevitch, 1942) Pa Baltic amber
430. *Episinus penneyi* Garcia-Villafuerte, 2006a Ne Chiapas amber
431. *Episinus praecognatus* Wunderlich, 1982 Ne Dominican amber
432. *Episinus pulcher* (Petrunkevitch, 1942) Pa Baltic amber
433. *Episinus regalis* (Petrunkevitch, 1958) Pa Baltic amber
434. *Episinus stridulus* (Petrunkevitch, 1958) Pa Baltic amber
435. *Episinus tibiaseta* Wunderlich, 2011g Ne Dominican amber
436. *Episinus transversus* Wunderlich, 2008b Pa Baltic amber

437. <i>Episinus tuberosus</i> Wunderlich, 1988	Ne Dominican amber
<i>Episinus</i> spp. in Wunderlich (2008b)	Pa Baltic amber
Euryopis Menge, 1868	Palaeogene – Recent
438. ? <i>Euryopis araneoides</i> Wunderlich, 2008b	Pa Baltic amber
439. <i>Euryopis bitterfeldensis</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
440. <i>Euryopis nexus</i> Wunderlich, 2008b	Pa Baltic amber
441. <i>Euryopis streyi</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
<i>Euryopis/Emertonella</i> complex in Penney <i>et al.</i> (2012c)	Qt Colombian copal
† Euryopus Menge in C. L. Koch & Berendt, 1854	Palaeogene
442. <i>Euryopus gracilipes</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
Faiditus Keyserling, 1884	Neogene – Recent
443. <i>Faiditus crassipatellaris</i> (Wunderlich, 1988)	Ne Dominican amber
† Femurraptor Wunderlich, 2011g	Neogene
444. <i>Femurraptor dominicanus</i> Wunderlich, 2011g*	Ne Dominican amber
† Globulidion Wunderlich, 2008b	Palaeogene
445. <i>Globulidion cochlea</i> Wunderlich, 2008b*	Pa Baltic amber
† Hirsutipalpus Wunderlich, 2008b	Palaeogene
446. <i>Hirsutipalpus varipes</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
† Kochiuridion Wunderlich, 2008b	Palaeogene
447. <i>Kochiuridion scutatum</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
Lasaeola Simon, 1881	Palaeogene – Recent
	= † <i>Nactodipoena</i> Petrunkevitch, 1942 [a subgenus in Wunderlich (2008b)]
448. <i>Lasaeola acumen</i> Wunderlich, 2008b	Pa Baltic amber
449. <i>Lasaeola baltica</i> (Marusik & Penney, 2004)	Pa Baltic amber
450. <i>Lasaeola bitterfeldensis</i> Wunderlich, 2008b	Pa Bitterfeld amber
451. <i>Lasaeola communis</i> Wunderlich, 2008b	Pa Baltic amber
452. <i>Lasaeola (Nactodipoena) dunbari</i> (Petrunkevitch, 1942)	Pa Baltic amber
453. ? <i>Lasaeola furca</i> Wunderlich, 2008b	Pa Baltic amber
454. <i>Lasaeola germanica</i> (Petrunkevitch, 1958)	Pa Baltic amber
455. <i>Lasaeola (Phycosoma) inclinata</i> Wunderlich, 2012a	Qt Madagascan copal
456. <i>Lasaeola infulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Bitt. Amber
457. <i>Lasaeola larvaque</i> Wunderlich, 2008b	Pa Baltic amber
458. <i>Lasaeola latisulci</i> Wunderlich, 2008b	Pa Baltic amber
459. <i>Lasaeola pristina</i> (Wunderlich, 1986)	Ne Dominican amber
460. <i>Lasaeola puta</i> Wunderlich, 1988	Ne Dominican amber
461. <i>Lasaeola sexsaetosa</i> Wunderlich, 2008b	Pa Baltic amber
462. ? <i>Lasaeola sigillata</i> Wunderlich, 2008b	Pa Bitterfeld amber
463. <i>Lasaeola vicina</i> (Wunderlich, 1982)	Ne Dominican amber
464. <i>Lasaeola vicinoides</i> Wunderlich, 1988	Ne Dominican amber
<i>Lasaeola</i> sp. in Wunderlich (1988)	Ne Dominican amber
<i>Lasaeola</i> spp. in Wunderlich (2008b)	Pa Baltic / Bitt. amber

† Medela Petrunkevitch, 1942 [?Theridiidae, cf. Wunderlich (2008b)]	Palaeogene
465. <i>Medela baltica</i> Petrunkevitch, 1942*	Pa Baltic amber
† Mimetidion Wunderlich, 2008b	Palaeogene
466. <i>Mimetidion furca</i> Wunderlich, 2008b*	Pa Baltic amber
† Nanomysmena Petrunkevitch, 1958	Palaeogene
467. <i>Nanomysmena aculeata</i> Petrunkevitch, 1958	Pa Baltic amber
468. <i>Nanomysmena munita</i> Petrunkevitch, 1958	Pa Baltic amber
469. <i>Nanomysmena palanga</i> Marusik & Penney, 2004	Pa Baltic amber
470. <i>Nanomysmena petrunkevitchi</i> Marusik & Penney, 2004	Pa Baltic amber
471. <i>Nanomysmena pseudogracilis</i> Marusik & Penney, 2004	Pa Baltic amber
† Nanosteatoda Wunderlich, 2008b	Palaeogene
472. <i>Nanosteatoda breviscutum</i> Wunderlich, 2008b	Pa Baltic amber
473. <i>Nanosteatoda trisetae</i> Wunderlich, 2008b	Pa Baltic amber
† Obscuropholcomma Wunderlich, 2008b	Palaeogene
474. <i>Obscuropholcomma tegens</i> Wunderlich, 2008b*	Pa Baltic amber
<i>Obscuropholcomma</i> sp. in Wunderlich (2012b)	Pa Rovno amber
Phoroncidia Westwood, 1835	Quaternary – Recent
475. <i>Phoroncidia ?aculeata</i> Westwood, 1835 [Recent]	Qt Madagascan copal
Platnickina Koçak & Kemal, 2008	Quaternary – Recent
476. <i>Platnickina duosetae</i> Wunderlich, 2012a	Qt Madagascan copal
† Praetereuryopis Wunderlich, 2008b	Palaeogene
477. <i>Praetereuryopis phoroncidoides</i> Wunderlich, 2008b*	Pa Baltic amber
† Pronepos Petrunkevitch, 1963	Neogene
478. <i>Pronepos exilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
479. <i>Pronepos fossilis</i> Petrunkevitch, 1963	Ne Chiapas amber
† Protosteatoda Wunderlich, 2008b	Palaeogene
480. <i>Protosteatoda gutta</i> Wunderlich, 2008b	Pa Baltic amber
† Pseudoteutana Wunderlich, 2008b	Palaeogene
481. <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
482. <i>Rugapholcomma patellaris</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinisinus Wunderlich, 2008b	Palaeogene
483. <i>Spinisinus parvioculi</i> Wunderlich, 2008b	Pa Baltic amber
484. <i>Spinisinus splendidus</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinitharinus Wunderlich, 2008b	Palaeogene
485. <i>Spinitharinus bulbosus</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
486. <i>Spinitharinus cheliceratus</i> Wunderlich, 2008b	Pa Baltic / Bitt. Amber
487. <i>Spinitharinus coniectens</i> Wunderlich, 2008b	Pa Baltic amber
488. <i>Spinitharinus curvatus</i> Wunderlich, 2008b	Pa Baltic amber

489. <i>Spinitharinus cymbioseta</i> Wunderlich, 2008b	Pa Baltic amber
<i>Spinitharinus</i> spp. in Wunderlich (2008b)	Pa Baltic amber
Spintharus Hentz, 1850	Neogene – Recent
490. <i>Spintharus longisoma</i> Wunderlich, 1988	Ne Dominican amber
Steatoda Sundevall, 1833	?Palaeogene – Recent
491. ' <i>Steatoda</i> ' <i>anticus</i> (Berland, 1939)	Pa Baltic amber
Stemmops O. P.-Cambridge, 1894	Neogene – Recent
492. <i>Stemmops incertus</i> Wunderlich, 1988	Ne Dominican amber
493. <i>Stemmops prominens</i> Wunderlich, 1988	Ne Dominican amber
Styopsis Simon, 1894	Neogene – Recent
494. <i>Styopsis pholcoides</i> Wunderlich, 1988	Ne Dominican amber
† Succinobertus Wunderlich, 2008b	Palaeogene
495. <i>Succinobertus adjacens</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
† Succinura Wunderlich, 2008b	Palaeogene
496. <i>Succinura aciesaeeta</i> Wunderlich, 2008b	Pa Baltic amber
497. <i>Succinura bellavista</i> Wunderlich, 2008b*	Pa Baltic amber
498. <i>Succinura circuita</i> Wunderlich, 2008b	Pa Baltic amber
499. <i>Succinura dubia</i> Wunderlich, 2008b	Pa Baltic amber
500. <i>Succinura fuscioruber</i> Wunderlich, 2008b	Pa Baltic amber
501. <i>Succinura ovalis</i> Wunderlich, 2008b	Pa Baltic amber
<i>Succinura</i> sp. in Wunderlich (2008b)	Pa Baltic amber
Theridion Walckenaer, 1805	?Cretaceous – Recent
502. ' <i>Theridion</i> ' <i>alutaceum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
503. <i>Theridion annulipes</i> Heer, 1865	Ne Öhningen
504. <i>Theridion atalus</i> Chang, 2004 [both generic and familial assignment unreliable!]	K Jehol Biota
505. ' <i>Theridion</i> ' <i>berendti</i> Marusik & Penney, 2004	Pa Baltic amber
iii. = <i>Theridion globosa</i> C. L. Koch & Berendt, 1854 [preoccupied]	
506. <i>Theridion bucklandi</i> Thorell, 1870a	Pa Aix-en-Provence
507. <i>Theridion contrarium</i> Wunderlich, 1988	Ne Dominican amber
508. <i>Theridion crassipalpus</i> Berland, 1939	Pa Aix-en-Provence
509. ' <i>Theridion</i> ' <i>detersum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
510. <i>Theridion erectoides</i> Wunderlich, 1988	Ne Dominican amber
511. <i>Theridion erectum</i> Wunderlich, 1988	Ne Dominican amber
512. ' <i>Theridion</i> ' <i>globosus</i> (Presl, 1822)	Pa Baltic amber
513. <i>Theridion globulus</i> Heer, 1865	Ne Öhningen
514. ' <i>Theridion</i> ' <i>hirtum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
515. <i>Theridion inversum</i> Wunderlich, 1988	Ne Dominican amber
516. <i>Theridion maculipes</i> Heer, 1865	Ne Öhningen
517. ' <i>Theridion</i> ' <i>oblongum</i> (Presl, 1822)	Pa Baltic amber
518. ' <i>Theridion</i> ' <i>ovale</i> C. L. Koch & Berendt, 1854	Pa Baltic amber

519. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 Pa Baltic amber
520. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 Pa Baltic amber
521. *Theridion variosoma* Wunderlich, 1988 Ne Dominican amber
522. *Theridion wunderlichi* Penney, 2001 Ne Dominican amber
 i. = *Theridion ovale* Wunderlich, 1988 [preoccupied]
- † ***Thyelia* C. L. Koch & Berendt, 1854** **Palaeogene**
523. *Thyelia anomala* C. L. Koch & Berendt, 1854 Pa Baltic amber
524. *Thyelia convexa* C. L. Koch & Berendt, 1854 Pa Baltic amber
525. *Thyelia fossula* C. L. Koch & Berendt, 1854 Pa Baltic amber
526. *Thyelia marginata* C. L. Koch & Berendt, 1854 Pa Baltic amber
527. *Thyelia pallida* C. L. Koch & Berendt, 1854 Pa Baltic amber
528. *Thyelia scotina* C. L. Koch & Berendt, 1854 Pa Baltic amber
529. *Thyelia tristis* C. L. Koch & Berendt, 1854* Pa Baltic amber
530. *Thyelia villosa* C. L. Koch & Berendt, 1854 Pa Baltic amber
- Ulesanis* L. Koch, 1872** **Palaeogene – Recent**
531. *Ulesanis antecessor* Wunderlich, 2008*b* Pa Baltic Amber
532. *Ulesanis frontprocera* Wunderlich, 2008*b* Pa Baltic Amber
533. *Ulesanis longicymbium* Wunderlich, 2008*b* Pa Baltic Amber
534. *Ulesanis ovalis* Wunderlich, 2008*b* Pa Baltic / Bitt. Amber
535. *Ulesanis parva* Wunderlich, 2008*b* Pa Baltic / Bitt. amber
- † ***Unispinatoda* Wunderlich, 2008*b*** **Palaeogene**
536. *Unispinatoda aculeata* Wunderlich, 2008*b** Pa Baltic / Bitt. Amber
- † ***Vicipholcomma* Wunderlich, 2008*b*** **Palaeogene**
537. *Vicipholcomma spiralis* Wunderlich, 2008*b** Pa Baltic Amber
- Theridiidae incertae sedis**
538. '*Eomysmena*' *succini* (Petrunkevitch, 1942) Pa Baltic amber
539. '*Anelosimus*' *clypeatus* Wunderlich, 1988 Ne Dominican amber
- THERIDIOSOMATIDAE Simon, 1881** **Cretaceous – Recent**
- Theridiosomatidae gen. et sp. indet *in* Wunderlich (2004*i*) Pa Baltic amber
- Theridiosomatidae gen. et sp. indet *in* Wunderlich (2011*f*) Qt Madagascar copal
- Baalzebub* Coddington, 1986** **?Cretaceous – Recent**
540. ?*Baalzebub mesozoicum* Penney, 2014 K Vendée amber
 generic affinities questioned by Wunderlich & Müller (2018)
- † ***Eocoddingtonia* Selden, 2010** **Cretaceous**
541. *Eocoddingtonia eskovi* Selden, 2010* K Baissa, Transbaikalia
- † ***Eoepeirotypus* Wunderlich, 2004*j*** **Palaeogene**
542. *Eoepeirotypus retrobulbus* Wunderlich, 2004*j** Pa Baltic amber
 Eoepeirotypus sp. *in* Wunderlich (2004) Pa Bitterfeld amber
- † ***Eotheridiosoma* Wunderlich, 2004*j*** **Palaeogene**
543. ?*Eotheridiosoma hamatum* Wunderlich, 2011*e* Pa Baltic amber

544. <i>Eotheridiosoma tuber</i> Wunderlich, 2004j*	Pa Bitterfeld amber
545. <i>Eotheridiosoma volutum</i> Wunderlich, 2004j	Pa Bitterfeld amber
† Palaeoepirotypus Wunderlich, 1988	Neogene
546. <i>Palaeoepirotypus iuvenis</i> Wunderlich, 1988*	Ne Dominican amber
547. <i>Palaeoepirotypus iuvenoides</i> Wunderlich, 1988	Ne Dominican amber
† Spinitheridiosoma Wunderlich, 2004j	Palaeogene
type species designated from the wrong genus!	
548. <i>Spinitheridiosoma balticum</i> Wunderlich, 2004j	Pa Baltic amber
549. <i>Spinitheridiosoma bispinosum</i> Wunderlich, 2004j	Pa Bitterfeld amber
550. <i>Spinitheridiosoma rima</i> Wunderlich, 2004j	Pa Baltic amber
Theridiosoma O. P.-Cambridge, 1879b	Neogene – Recent
551. <i>Theridiosoma incompletum</i> Wunderlich, 1988	Ne Dominican amber
† Umerosoma Wunderlich, 2004j	Palaeogene
552. <i>Umerosoma multispina</i> Wunderlich, 2004j*	Pa Baltic amber
† CRETAMYSMENIDAE Wunderlich in Wunderlich & Müller, 2018	Cretaceous
† Cretamysmena Wunderlich, 2004j	Cretaceous
553. <i>Cretamysmena fontana</i> Wunderlich, 2004j*	K Burmese amber
MYSMENIDAE Petrunkevitch, 1928	Palaeogene – Recent
Mysmeninae sp. <i>in</i> Wunderlich (2004a)	Pa Rovno amber
† Dominicanopsis Wunderlich, 2004k	Neogene
554. <i>Dominicanopsis grimaldii</i> Wunderlich, 2004k*	Ne Dominican amber
† Eomysmenopsis Wunderlich, 2004k	Palaeogene
555. <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
556. <i>Mysmena</i> (s.l.) <i>copalis</i> Wunderlich, 2011f	Qt Madagascan copal
557. <i>Mysmena curvata</i> Wunderlich, 2011h	Pa Baltic amber
558. <i>Mysmena dominicana</i> Wunderlich, 1998	Qt Madagascan copal
559. <i>Mysmena fossilis</i> Petrunkevitch, 1971	Ne Chiapas amber
560. <i>Mysmena groehni</i> Wunderlich, 2004k	Pa Baltic / Bitt. amber
561. <i>Mysmena grotae</i> Wunderlich, 2004k	Pa Baltic amber
Mysmenopsis Simon, 1897b	Neogene – Recent
562. <i>Mysmenopsis lissycolleyae</i> Penney, 2000	Ne Dominican amber
† Palaeomysmena Wunderlich, 2004k	Palaeogene
563. <i>Palaeomysmena hoffeinsorum</i> Wunderlich, 2004k*	Pa Baltic amber
† BALTSUCCINIDAE Wunderlich, 2004l	Palaeogene
† Baltsuccinus Wunderlich, 2004l	Palaeogene
564. <i>Baltsuccinus flagellaceus</i> Wunderlich, 2004l*	Pa Baltic amber
565. <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 *Balticoroma*.
- † **Balticoroma Wunderlich, 2004k** **Palaeogene**
= † *Balticorma* [sic] Weitschat & Wichard, 2002 [*nomen nudum*]
566. *Balticoroma damzeni* Wunderlich, 2011h Pa Baltic amber
567. *Balticoroma ernstorum* Wunderlich, 2004k Pa Baltic/Bitt. amber
568. *Balticoroma gracilipes* Wunderlich 2004k Pa Baltic/Bitt. amber
569. *Balticoroma reschi* Wunderlich, 2004k* Pa Baltic amber
570. *Balticoroma serafinorum* Wunderlich, 2004k Pa Baltic/Bitt. amber
571. *Balticoroma tibialis* Wunderlich, 2004k Pa Baltic amber
572. *Balticoroma wheateri* Penney & Marusik in Penney *et al.* (2011) Pa Baltic amber
- † **Balticonopsis Wunderlich, 2004k** **Palaeogene**
573. *Balticonopsis bispina* Wunderlich, 2004k Pa Baltic amber
574. *Balticonopsis bitterfeldensis* Wunderlich, 2004k Pa Bitterfeld amber
575. *Balticonopsis bulbosa* Wunderlich, 2004k Pa Baltic amber
576. *Balticonopsis ceranowiczae* Wunderlich, 2004k Pa Baltic amber
577. *Balticonopsis distalis* Wunderlich, 2017a Pa Baltic amber
578. *Balticonopsis dunlopi* Wunderlich, 2017a Pa Baltic amber
579. *Balticonopsis holti* Wunderlich, 2004k* Pa Baltic amber
580. *Balticonopsis ludwigi* Wunderlich, 2017a Pa Bitterfeld amber
581. *Balticonopsis metatarsalis* Wunderlich, 2017a Pa Baltic amber
582. *Balticonopsis perkovskyi* Wunderlich, 2004ar Pa Rovno amber
probably belongs to a different genus (cf. Wunderlich 2017a)
583. *Balticonopsis thomasi* Wunderlich, 2004k Pa Baltic amber
Balticonopsis sp. in Wunderlich (2004k) Pa Baltic amber
- † **Cenotextricella Penney in Penney *et al.*, 2007** **Palaeogene**
584. *Cenotextricella simoni* Penney in Penney *et al.*, 2007 Pa Le Quesnoy amber
- † **Dubianapis Wunderlich, 2004k** **Palaeogene**
585. *Dubianapis obscura* Wunderlich, 2004k* Pa Baltic amber
- † **Flagellanapis Wunderlich, 2004k** **Palaeogene**
586. *Flagellanapis voigti* Wunderlich, 2004k* Pa Baltic/Bitt. Amber
- † **Fossilanapis Wunderlich, 2004k** **Palaeogene**
587. *Fossilanapis anderseri* Wunderlich, 2004k Pa Baltic amber
588. *Fossilanapis baetcheri* Wunderlich, 2004k* Pa Baltic amber

589. <i>Fossilanapis eichmanni</i> Wunderlich, 2004k	Pa Baltic amber
590. <i>Fossilanapis flexiotarsus</i> Wunderlich, 2004k	Pa Baltic amber
591. <i>Fossilanapis multispinae</i> Wunderlich, 2011h	Pa Baltic amber
592. <i>Fossilanapis saltans</i> Wunderlich, 2004k	Pa Baltic amber
593. <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
594. <i>Palaeoanapis nana</i> Wunderlich, 1988*	Ne Dominican amber
† Ruganapis Wunderlich, 2004k	Palaeogene
595. <i>Ruganapis scutata</i> Wunderlich, 2004k*	Pa Baltic amber
† Saxonanapis Wunderlich, 2004k	Palaeogene
596. <i>Saxonanapis grabenhorsti</i> Wunderlich, 2004k*	Pa Baltic/Bitt. Amber
† Tuberanapis Wunderlich, 2004k	Palaeogene
597. <i>Tuberanapis parvibulbus</i> Wunderlich, 2004k*	Pa Baltic amber
† JURARANEIDAE Eskov, 1984	Jurassic
† Juraraneus Eskov, 1984	Jurassic
598. <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
599. <i>Alteraraneus gracilipes</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Burmaforceps Wunderlich in Wunderlich & Müller, 2018	Cretaceous
600. <i>Burmaforceps amputatus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Converszarqaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
601. <i>Converszarqaraneus annulipedes</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Cornicaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
602. <i>Cornicaraneus scutatus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Crassitibia Wunderlich, 2015b	Cretaceous
603. <i>Crassitibia baculum</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
604. <i>Crassitibia longispina</i> Wunderlich, 2015b*	K Burmese amber
605. <i>Crassitibia tenuimana</i> Wunderlich, 2015b	K Burmese amber
† Curvitibia Wunderlich, 2015b	Cretaceous
606. <i>Curvitibia curima</i> Wunderlich, 2015b*	K Burmese amber
† Groehnianus Wunderlich, 2015b	Cretaceous
607. <i>Groehnianus burmensis</i> Wunderlich, 2015b*	K Burmese amber

† Hypotheridiosoma Wunderlich, 2012d	Cretaceous
608. <i>Hypotheridiosoma falcata</i> Wunderlich, 2015b	K Burmese amber
609. <i>Hypotheridiosoma paracymbium</i> Wunderlich, 2012d*	K Burmese amber
† Microproxiaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
610. <i>Microproxiaraneus annulatus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Parvispina Wunderlich, 2015b	Cretaceous
611. <i>Parvispina tibialis</i> (Wunderlich, 2011)*	K Burmese amber
† Paurospina Wunderlich in Wunderlich & Müller, 2018	Cretaceous
612. <i>Paurospina curvata</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
613. <i>Paurospina fortis</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
614. <i>Paurospina paulocurvata</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
† Proxiaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
615. <i>Proxiaraneus rarus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Ramozarqaraneus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
616. <i>Ramozarqaraneus pauxillus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Spinicymbium Wunderlich in Wunderlich & Müller, 2018	Cretaceous
617. <i>Spinicymbium curvimetatarsus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† Zarqaraneus Wunderlich, 2008d	Cretaceous
618. <i>Zarqaraneus hudaie</i> Wunderlich, 2008d*	K Jordanian amber
† PRAEARANEIDAE Wunderlich, 2017c	Cretaceous
† Praearaneus Wunderlich, 2017c	Cretaceous
619. <i>Praearaneus bruckschi</i> Wunderlich, 2017c	K Burmese amber
<i>Praearaneus</i> sp. in Wunderlich (2017c)	K Burmese 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	
= ZYGIELLIDAE Simon, 1929	
?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 <i>incertae sedis</i> in Selden (2014b)	Pa Isle of Wight
† Anepeira Wunderlich, 2004i	Palaeogene
620. <i>Anepeira complicata</i> Wunderlich, 2004*	Pa Baltic amber
† Araneometa Wunderlich, 1988	Neogene
621. <i>Araneometa excelsa</i> Wunderlich, 1988	Ne Dominican amber
622. <i>Araneometa herrlingi</i> Wunderlich, 1988*	Ne Dominican amber

623. <i>Araneometa spirembolus</i> Wunderlich, 1988	Ne Dominican amber
<i>Araneometa</i> sp. in Wunderlich (1988)	Ne Dominican amber
Araneus Clerck, 1757	?Cretaceous – Recent
624. <i>Araneus absconditus</i> (Scudder, 1890a)	Pa Florissant
625. <i>Araneus aethus</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
626. <i>Araneus beipiaoensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
627. <i>Araneus carbonaceous</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
628. <i>Araneus cinefactus</i> (Scudder, 1890a)	Pa Florissant
629. <i>Araneus defunctus</i> Petrunkevitch, 1958	Pa Baltic amber
630. <i>Araneus delitus</i> (Scudder, 1890a)	Pa Florissant
631. <i>Araneus emertoni</i> (Scudder, 1890a)	Pa Florissant
632. <i>Araneus exustus</i> Petrunkevitch, 1963	Ne Chiapas amber
633. <i>Araneus kinchloae</i> Dunlop & Jekel, 2009	Pa Florissant
ii. = <i>Araneus indistinctus</i> (Petrunkevitch, 1922) [preoccupied]	
634. <i>Araneus inelegans</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
635. <i>Araneus leptopodus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
636. <i>Araneus liaoxiensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
637. <i>Araneus longimanus</i> (Petrunkevitch, 1922)	Pa Florissant
638. <i>Araneus (Calinurus) longipes</i> Dalman, 1826	Qt Copal
639. <i>Araneus luianus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
640. <i>Araneus meeki</i> (Scudder, 1890a)	Pa Florissant
641. <i>Araneus molassicus</i> (Heer, 1865)	Ne Öhningen
642. <i>Araneus nanus</i> Wunderlich, 1988	Ne Dominican amber
643. <i>Araneus piceus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
644. <i>Araneus reheensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
645. <i>Araneus ruidipedalis</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
646. <i>Araneus troschellii</i> (Bertkau, 1878b)	Ne Rott, Germany
647. <i>Araneus vulcanalis</i> (Scudder, 1890a)	Pa Florissant
? <i>Araneus</i> sp. in Wunderlich (2012c)	Pa Baltic amber
Argiope Audouin, 1826	Neogene – Recent
= † <i>Magnaranea</i> Hong, 1985	
648. <i>Argiope furva</i> (Hong, 1985)	Ne Shanwang
† Bararaneus Wunderlich, 2004i	Palaeogene
649. ? <i>Bararaneus annulatus</i> Wunderlich, 2004i	Pa Baltic amber
650. <i>Bararaneus evolvens</i> Wunderlich, 2004i*	Pa Baltic amber
† Chrysometata Wunderlich, 2004h	Palaeogene
651. <i>Chrysometata palaeartica</i> Wunderlich, 2004h*	Pa Baltic amber
† Cretaraneus Selden, 1990	Cretaceous
652. <i>Cretaraneus liaoningensis</i> Cheng, Meng & Wang in Cheng <i>et al.</i> , 2008	K Jehol biota
653. <i>Cretaraneus martensnetoi</i> Mesquita, 1996	K Crato Formation

654. <i>Cretaraneus vilaltae</i> Selden, 1990*	K Sierra de Montsech
† Cyclososoma Petrunkevitch, 1958	Palaeogene
655. <i>Cyclososoma succini</i> Petrunkevitch, 1958*	Pa Baltic amber
Enacrosoma Mello-Leitão, 1932	Neogene – Recent
656. <i>Enacrosoma verrucosa</i> (Wunderlich, 1988)	Ne Dominican amber
† Eoaraneus Wunderlich, 2004i	Palaeogene
657. <i>Eoaraneus complexus</i> Wunderlich, 2004i*	Pa Baltic amber
† Eochorizopes Wunderlich, 2008a	Palaeogene
658. <i>Eochorizopes szeklinskiae</i> Wunderlich, 2008a*	Pa Baltic amber
† Eonephila Wunderlich, 2004i	Palaeogene
659. <i>Eonephila bitterfeldensis</i> Wunderlich, 2004i	Pa Bitterfeld amber
660. <i>Eonephila excellens</i> Wunderlich, 2004i*	Pa Baltic amber
661. <i>Eonephila longembolus</i> Wunderlich, 2004i	Pa Baltic amber
† Eozygiella Wunderlich, 2004h	Palaeogene
662. <i>Eozygiella compacta</i> Wunderlich, 2004h*	Pa Baltic amber
† Eustaloides Petrunkevitch, 1842	Palaeogene
= † <i>Graea</i> Thorell, 1869 [older synonym, but preoccupied]	
663. ? <i>Eustaloides aberrans</i> (Wunderlich, 2004h)	Pa Baltic amber
664. <i>Eustaloides bitterfeldensis</i> (Wunderlich, 2004h)	Pa Bitterfeld amber
665. <i>Eustaloides breviembolus</i> (Wunderlich, 2004h)	Pa Baltic amber
666. <i>Eustaloides brevis</i> (Wunderlich, 2004h)	Pa Baltic amber
667. <i>Eustaloides calceatus</i> Petrunkevitch, 1950	Pa Baltic amber
668. <i>Eustaloides epeiroidea</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
669. <i>Eustaloides impudica</i> (Wunderlich, 2004h)	Pa Baltic amber
670. <i>Eustaloides lingula</i> (Wunderlich, 2004h)	Pa Baltic amber
671. <i>Eustaloides magnocoli</i> (Wunderlich, 2012c)	Pa Baltic amber
672. <i>Eustaloides minor</i> Petrunkevitch, 1950	Pa Baltic amber
673. <i>Eustaloides setosa</i> Petrunkevitch, 1942*	Pa Baltic amber
674. <i>Eustaloides succini</i> Petrunkevitch, 1942	Pa Baltic amber
† Fossilaraneus Wunderlich, 1988	Neogene
675. <i>Fossilaraneus incertus</i> Wunderlich, 1988*	Ne Dominican amber
Gea C. L. Koch, 1843a	Neogene – Recent
676. <i>Gea krantzi</i> von Heyden, 1859	Ne Rott, Germany
Hypognatha Guérin, 1839	Quaternary – Recent
677. <i>Hypognatha testudinaria</i> (Taczanowski, 1879) [Recent]	Qt Colombian copal
† Luxurionephila Wunderlich, 2004i	Palaeogene
678. <i>Luxurionephila spinifera</i> Wunderlich, 2004i	Pa Baltic amber
† Meditrina Petrunkevitch, 1942	Palaeogene
679. <i>Meditrina circumvallata</i> Petrunkevitch, 1942*	Pa Baltic amber
† Mesozygiella Penney & Ortuño, 2006	Cretaceous
680. <i>Mesozygiella dunlopi</i> Penney & Ortuño, 2006*	K Álava amber

† <i>Minutunguis</i> Wunderlich, 2011f	Quaternary
681. <i>Minutunguis silvestris</i> Wunderlich, 2011f*	Qt Madagascan copal
† <i>Miraraneus</i> Wunderlich, 2004i	Palaeogene
682. <i>Miraraneus peregrinus</i> Wunderlich, 2004f*	Pa Baltic amber
† <i>Mirometa</i> Petrunkevitch, 1963	Neogene
683. <i>Mirometa valdespinosa</i> Petrunkevitch, 1963	Ne Chiapas amber
Molinaranea Mello-Leitão, 1940	Neogene – Recent
684. <i>Molinaranea mitnickii</i> Saupe, Selden & Penney, 2010	Ne Dominican amber
Nephila Leach, 1815	Cretaceous – Recent
= † <i>Geratonephila</i> Poinar in Poinar & Buckley, 2012	
685. <i>Nephila breviembolus</i> Wunderlich, 1986	Ne Dominican amber
686. <i>Nephila burmanica</i> (Poinar in Poinar & Buckley, 2012)	K Burmese amber
NB: Wunderlich (2015b) suggested that this may be a synonym of <i>N. tenuis</i>	
687. <i>Nephila dommeli</i> Wunderlich, 1982	Ne Dominican amber
688. <i>Nephila furca</i> Wunderlich, 1986	Ne Dominican amber
689. <i>Nephila longembolus</i> Wunderlich, 1986	Ne Dominican amber
690. <i>Nephila pennatipes</i> Scudder, 1885	Pa Florissant
691. <i>Nephila tenuis</i> Wunderlich, 1986	Ne Dominican amber
<i>Nephila</i> sp. in Dunlop & Penney (2012)	K Crato Formation
† <i>Palaeonephila</i> Wunderlich, 2004i	Palaeogene
692. <i>Palaeonephila brevis</i> Wunderlich, 2004i	Pa Baltic amber
693. <i>Palaeonephila curvata</i> Wunderlich, 2004f*	Pa Baltic amber
694. <i>Palaeonephila dilitans</i> Wunderlich, 2004i	Pa Baltic amber
695. <i>Palaeonephila fibula</i> Wunderlich, 2004i	Pa Baltic amber
696. <i>Palaeonephila longipes</i> Wunderlich, 2004i	Pa Baltic amber
† <i>Pycnosinga</i> Wunderlich, 1988	Neogene
697. <i>Pycnosinga fossilis</i> Wunderlich, 1988*	Ne Dominican amber
† <i>Pulchellaranea</i> Poinar, 2015	Neogene
698. <i>Pulchellaranea pedunculata</i> Poinar, 2015*	Ne Dominican amber
† <i>Testudinaroides</i> Dunlop & Jekel, 2008	Neogene
= † <i>Testudinaria</i> Zhang, Sun & Zhang, 1994 [preoccupied]	
699. <i>Testudinaroides papposa</i> (Zhang, Sun & Zhang, 1994)	Ne Shanwang
† <i>Tethneus</i> Scudder, 1885	Palaeogene
= † <i>Melanites</i> Hong, 1985	
700. <i>Tethneus guyoti</i> Scudder, 1890a	Pa Florissant
701. <i>Tethneus hentzi</i> Scudder, 1885*	Pa Florissant
702. <i>Tethneus obduratus</i> Scudder, 1890a	Pa Florissant
703. <i>Tethneus orbiculatus</i> (Hong, 1985)	Ne Shanwang
704. <i>Tethneus provectus</i> Scudder, 1890a	Pa Florissant
705. <i>Tethneus robustus</i> Petrunkevitch, 1922	Pa Florissant
706. <i>Tethneus twenhofeli</i> Petrunkevitch, 1922	Pa Florissant
Zilla C. L. Koch, 1834	Palaeogene – Recent

707. *Zilla gracilis* C. L. Koch & Berendt, 1854 Pa Baltic amber
 708. *Zilla porrecta* C. L. Koch & Berendt, 1854 Pa Baltic amber
 709. *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]
710. *Ero carboneana* Petrunkevitch, 1942 Pa Baltic amber
 711. *Ero aberrans* Petrunkevitch, 1958 Pa Baltic amber
 NB: Treated as a *nomen dubium* by Harms & Dunlop (2009)
 712. *Ero (Succinero) clunis* Wunderlich, 2012c Pa Baltic amber
 713. *Ero (Succinero) gracilitibialis* Wunderlich, 2012c Pa Baltic amber
 714. *Ero (Paleoero) longitarsus* (Wunderlich, 2004q) Pa Baltic amber
 715. *Ero permunda* Petrunkevitch, 1942 Pa Baltic amber
 716. *Ero (Succinero) rovnoensis* (Wunderlich, 2004a) Pa Rovno amber
 717. *Ero (Succinero) veta* Wunderlich, 2012c Pa Baltic amber
- Mimetus Hentz, 1832** **Palaeogene – Recent**
 718. *Mimetus bituberculatus* Wunderlich, 1988 Ne Dominican amber
 719. *Mimetus brevipes* Wunderlich, 2004q Pa Baltic amber
 NB: synonymised by Harms & Dunlop (2009), but resurrected by Wunderlich (2012c)
 720. ?*Mimetus longipes* Wunderlich, 2004q Pa Baltic amber
 ?*Mimetus* sp. *in* Wunderlich (1988) Ne Dominican amber
- † **Protomimetus Wunderlich, 2011** **Palaeogene**
 721. ?*Protomimetus breviclypeus* Wunderlich, 2011h Pa Baltic amber
 722. *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
723. <i>Anameta distenda</i> Wunderlich, 2004h*	Pa Bitterfeld amber
724. <i>Anameta kuntneri</i> Wunderlich, 2008a	Pa Baltic amber
Azilia Keyserling, 1882	Neogene – Recent
725. <i>Azilia hispaniolensis</i> Wunderlich, 1988	Ne Dominican amber
i. = <i>Azilia muellenmeisteri</i> Wunderlich, 1988	Ne Dominican amber
<i>Azilia</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Balticgnatha Wunderlich, 2011h	Palaeogene
726. <i>Balticgnatha projectens</i> Wunderlich 2011h*	Pa Baltic amber
† Baltleucauge Wunderlich, 2008a	Palaeogene
727. <i>Baltleucauge gillespieae</i> Wunderlich 2008a*	Pa Baltic amber
728. <i>Baltleucauge propinqua</i> Wunderlich, 2012c	Pa Baltic amber
† Corneometa Wunderlich, 2004h	Palaeogene
729. <i>Corneometa baltica</i> Wunderlich 2004h*	Pa Baltic amber
730. <i>Corneometa pilosipes</i> Wunderlich 2004h	Pa Baltic amber
Cyrtognatha Keyserling, 1882	Neogene – Recent
731. <i>Cyrtognatha weitschati</i> Wunderlich, 1988	Ne Dominican amber
† Eometa Petrunkevitch, 1958	Palaeogene
732. <i>Eometa calefacta</i> Wunderlich, 2004h	Pa Baltic amber
733. <i>Eometa longipes</i> Petrunkevitch, 1958	Pa Baltic amber
734. <i>Eometa occulta</i> Wunderlich, 2004h	Pa Baltic amber
735. <i>Eometa perfecta</i> Wunderlich, 2004h	Pa Baltic amber
736. <i>Eometa samlandica</i> Petrunkevitch, 1958*	Pa Baltic amber
<i>Eometa</i> sp. 1–2 in Wunderlich (2004h)	Pa Baltic amber
Homalometa Simon, 1897b	Neogene – Recent
737. <i>Homalometa fossilis</i> Wunderlich, 1988	Ne Dominican amber
† Huergina Selden & Penney, 2003	Cretaceous
738. <i>Huergina diazromerali</i> Selden & Penney, 2003*	K Las Hoyas, Spain
† Macryphantes Selden, 1990	Cretaceous
Wunderlich (2015b) suggested this genus could be a synonym of <i>Paleouloborus</i> .	
739. <i>Macryphantes cowdeni</i> Selden, 1990*	K Sierra de Montsech
Meta C. L. Koch, 1836	Palaeogene – Recent
740. <i>Meta (Praetermeta) maculosa</i> Wunderlich, 2008a	Pa Baltic amber
741. <i>Meta (Praetermeta) velans</i> (Wunderlich, 2004h)	Pa Baltic amber
† Palaeometa Petrunkevitch, 1922	Palaeogene
742. <i>Palaeometa opertanea</i> (Scudder, 1890a)*	Pa Florissant
† Palaeopachygnatha Petrunkevitch, 1922	Palaeogene
743. <i>Palaeopachygnatha cockerelli</i> Petrunkevitch, 1922	Pa Florissant
744. <i>Palaeopachygnatha scudderi</i> Petrunkevitch, 1922*	Pa Florissant
† Priscometa Petrunkevitch, 1958	Palaeogene
745. <i>Priscometa capta</i> Wunderlich, 2004h	Pa Baltic amber

746. *Priscometa minor* Wunderlich, 2004*h* Pa Baltic amber
747. *Priscometa tenuipes* Petrunkevitch, 1958* Pa Baltic amber
- † **Samlandicmeta Wunderlich, 2012c** **Palaeogene**
748. *Samlandicmeta mutila* Wunderlich, 2012c Pa Baltic amber
- Tetragnatha Latreille, 1804a** **Palaeogene – Recent**
749. *Tetragnatha parva* (Hong, 1985) Ne Shanwang
750. *Tetragnatha pristina* Schawaller, 1982c Ne Dominican amber
751. *Tetragnatha tertiaria* Scudder, 1885 Pa Florissant
- SYNOTAXIDAE Simon, 1894** **Palaeogene – Recent**
- † **Acrometa Petrunkevitch, 1942** **Palaeogene**
- = † *Eogonatium* Petrunkevitch, 1942
- = † *Liticen* Petrunkevitch, 1942
- = † *Theridiometa* Petrunkevitch, 1942
- = † *Viocurus* Petrunkevitch, 1958
752. *Acrometa clava* Wunderlich, 2004*n* Pa Baltic amber
753. *Acrometa cristata* Petrunkevitch, 1942* Pa NE Europe ambers
- i. = *Theridiometa edwardsi* Petrunkevitch, 1942 Pa Baltic amber
- ii. = *Viocurus fossilis* Petrunkevitch, 1958 Pa Baltic amber
754. *Acrometa eichmanni* Wunderlich, 2004*n* Pa Baltic amber
755. *Acrometa incidens* Wunderlich, 2004*n* Pa Baltic amber
756. *Acrometa minutum* (Petrunkevitch, 1942) Pa Baltic amber
757. *Acrometa pala* Wunderlich, 2004*n* Pa Baltic amber
758. *Acrometa robusta* (Petrunkevitch, 1942) Pa Baltic amber
759. *Acrometa pseudorobusta* Dunlop & Jekel, 2009 Pa Baltic amber
- i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]
760. *Acrometa samlandica* (Petrunkevitch, 1942) Pa Baltic amber
761. *Acrometa setosus* (Petrunkevitch, 1942) Pa Baltic amber
762. *Acrometa succini* Petrunkevitch, 1942 Pa Baltic amber
- † **Anandrus Menge, 1856** **Palaeogene**
- = † *Elucus* Petrunkevitch, 1942
763. *Anandrus inermis* (Petrunkevitch, 1942) Pa Baltic amber
764. *Anandrus infelix* (Petrunkevitch, 1950)* Pa Baltic amber
765. *Anandrus quaesitus* (Petrunkevitch, 1958) Pa Baltic amber
766. *Anandrus redemptus* (Petrunkevitch, 1958) Pa Baltic amber
- † **Chelicerinus Wunderlich, 2008a** **Palaeogene**
767. *Chelicerinus abnormis* Wunderlich, 2008a Pa Bitterfeld amber
- † **Cornuanandrus Wunderlich, 1986** **Palaeogene**
768. *Cornuanandrus bifurcatus* Wunderlich, 2004*n* Pa Bitterfeld amber
769. *Cornuanandrus bitterfeldensis* Wunderlich, 2004*n* Pa Bitterfeld amber
770. *Cornuanandrus corniculans* Wunderlich, 2004*n* Pa Baltic amber
771. *Cornuanandrus maior* Wunderlich, 1986* Pa Baltic amber

772. <i>Cornuanandrus minor</i> Wunderlich, 2004n	Pa Baltic amber
† Dubiosynotaxus Wunderlich, 2004n	Palaeogene
773. <i>Dubiosynotaxus perfectus</i> Wunderlich, 2004n*	Pa Baltic amber
† Eosynotaxus Wunderlich, 2004n	Palaeogene
774. <i>Eosynotaxus bispinosus</i> Wunderlich, 2004n	Pa Baltic amber
775. <i>Eosynotaxus bitterfeldensis</i> Wunderlich, 2004n	Pa Bitterfeld amber
776. <i>Eosynotaxus custodens</i> Wunderlich, 2004n	Pa Baltic amber
777. <i>Eosynotaxus fastigatus</i> Wunderlich, 2004n	Pa Baltic amber
778. <i>Eosynotaxus paucispina</i> Wunderlich, 2004n	Pa Baltic amber
779. <i>Eosynotaxus spinipes</i> Wunderlich, 2004n	Pa Baltic amber
780. <i>Eosynotaxus wegneri</i> Wunderlich, 2004n*	Pa Baltic amber
† Gibbersynotaxus Wunderlich, 2004n	Palaeogene
781. <i>Gibbersynotaxus parvus</i> Wunderlich, 2004n*	Pa Baltic amber
† Protophysoglenes Wunderlich, 2004n	Palaeogene
782. <i>Protophysoglenes impressum</i> Wunderlich, 2004n*	Pa Baltic amber
† Pseudoacrometa Wunderlich, 1986	Palaeogene
783. <i>Pseudoacrometa gracilipes</i> Wunderlich, 1986*	Pa Baltic amber
784. <i>Pseudoacrometa wittmanni</i> Wunderlich, 2004n	Pa Baltic amber
† Succinitaxus Wunderlich, 2004n	Palaeogene
785. <i>Succinitaxus brevis</i> Wunderlich, 2004n*	Pa European ambers
786. ? <i>Succinitaxus minutus</i> Wunderlich, 2004n	Pa Baltic amber
† Sulcosynotaxus Wunderlich, 2004n	Palaeogene
787. <i>Sulcosynotaxus cavatus</i> Wunderlich, 2004n*	Pa Baltic amber
NESTICIDAE Simon, 1894	Palaeogene – Recent
† Balticonesticus Wunderlich, 1986	Palaeogene
788. <i>Balticonesticus flexuosus</i> Wunderlich, 1986*	Pa Baltic amber
Eidmanella Roewer, 1935	Quaternary
789. <i>Eidmanella pallida</i> (Emerton, 1875) [Recent]	Qt Madagascar copal
† Eopopino Petrunkevitch, 1942	Palaeogene
790. <i>Eopopino budrysi</i> Eskov & Marusik, 1992	Pa Baltic amber
791. <i>Eopopino inopinatus affinis</i> Wunderlich, 1986	Pa Baltic amber
792. <i>Eopopino inopinatus inopinatus</i> Wunderlich, 1986	Pa Baltic amber
793. <i>Eopopino longipes</i> Petrunkevitch, 1942*	Pa Baltic amber
794. <i>Eopopino palanga</i> Eskov & Marusik, 1992	Pa Baltic amber
795. <i>Eopopino rarus rarus</i> Wunderlich, 1986	Pa Baltic amber
796. <i>Eopopino rarus solitarius</i> Wunderlich, 1986	Pa Baltic amber
797. <i>Eopopino rudloffii</i> Wunderlich, 2004o	Pa Bitterfeld amber
<i>Eopopino</i> sp. in Wunderlich (1986)	Pa Bitterfeld amber
† Heteronesticus Wunderlich, 1986	Palaeogene
798. <i>Heteronesticus magnoparacymbialis</i> Wunderlich, 1986*	Pa Baltic amber

† <i>Hispanonesticus</i> Wunderlich, 1986	Neogene
799. <i>Hispanonesticus latopalpus</i> Wunderlich, 1986*	Ne Dominican amber
CYATHOLIPIDAE Simon, 1894	Palaeogene – Recent
= TEEMENAARIDAE Davies, 1978	
† <i>Balticolipus</i> Wunderlich, 2004m	Palaeogene
800. <i>Balticolipus kruemmeri</i> Wunderlich, 2004m*	Pa Baltic / Bitt. amber
† <i>Cyathosuccinus</i> Wunderlich, 2004m	Palaeogene
801. <i>Cyathosuccinus elongatus</i> Wunderlich, 2004m*	Pa Baltic amber
† <i>Erigolipus</i> Wunderlich, 2004m	Palaeogene
802. <i>Erigolipus griswoldi</i> Wunderlich, 2004m*	Pa Baltic amber
† <i>Spinilipus</i> Wunderlich, 1993b	Palaeogene
803. <i>Spinilipus bispinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
804. <i>Spinilipus curvatus</i> Wunderlich, 2004m	Pa Bitterfeld amber
805. <i>Spinilipus glinki</i> Wunderlich, 2004m	Pa Baltic amber
806. <i>Spinilipus kerneggeri</i> Wunderlich, 1993b*	Pa Baltic amber
807. <i>Spinilipus longembolus</i> Wunderlich, 2004m	Pa Baltic amber
† <i>Succinilipus</i> Wunderlich, 1993b	Palaeogene
808. <i>Succinilipus abditus</i> Wunderlich, 2004m	Pa Baltic / Bitt. amber
809. <i>Succinilipus aspinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
810. <i>Succinilipus saxoniensis</i> Wunderlich, 1993b	Pa Bitterfeld amber
811. <i>Succinilipus similis</i> Wunderlich, 2004m	Pa Bitterfeld amber
812. <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
<i>Pimoidae</i> Chamberlin & Ivie, 1943	Palaeogene – Recent
813. <i>Pimoida expandens</i> Wunderlich, 2004r	Pa Baltic amber
814. <i>Pimoida (Eopimoida) hormigai</i> Wunderlich, 2004r	Pa Baltic amber
815. <i>Pimoida inopinata</i> Wunderlich, 2004r	Pa Baltic amber
816. <i>Pimoida liedtkei</i> Wunderlich, 2004r	Pa Baltic amber
817. <i>Pimoida lingua</i> Wunderlich, 2004r	Pa Baltic amber
818. <i>Pimoida (Eopimoida) longiscapus</i> Wunderlich, 2008a	Pa Baltic amber
819. <i>Pimoida multicuspulii</i> Wunderlich, 2004r	Pa Baltic amber
820. <i>Pimoida (Eopimoida) obruens</i> Wunderlich, 2008a	Pa Baltic amber
<i>Pimoida</i> sp. in Wunderlich (2004r)	Pa Baltic amber
<i>Pimoida (Eopimoida)</i> sp. in Wunderlich (2008a)	Pa Baltic amber
PUMILIOPIDAE Wunderlich, 2008a	Palaeogene – Recent

- † *Pumiliopimoa* Wunderlich, 2008a Palaeogene
 821. *Pumiliopimoa parma* 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 *et al.* (2010) Ne Ethiopian amber
 Linyphiinae gen. et sp. indet *in* Penney & Selden (2002) K Lebanese amber
 Wunderlich (2012d) and Wunderlich & Müller (2018) questioned the veracity of one or
 more of these Cretaceous linyphiids
- † *Agynetiophantes* Wunderlich, 2004s Palaeogene
 822. *Agynetiophantes gibbiferus* Wunderlich, 2004s* Pa Baltic amber
- Ceratinopsis** Emerton, 1882 **Quaternary – Recent**
 823. *Ceratinopsis deformans* (Wunderlich, 1998) Qt Madagascan copal
- Cnephalocotes** Simon, 1884c **Quaternary – Recent**
 824. *Cnephalocotes obscurus* (Blackwall, 1834b) **[Recent]** Qt England
- † *Custodela* Petrunkevitch, 1942 Palaeogene
 = † *Obnisus* Petrunkevitch, 1942 [tentative synonymy]
825. *Custodela acuta* Wunderlich, 2004s Pa Baltic amber
 826. *Custodela acutula* Wunderlich, 2004s Pa Bitterfeld amber
 827. *Custodela bispina* Wunderlich, 2004s Pa Bitterfeld amber
 828. *Custodela bispinosa* Wunderlich, 2004s Pa Bitterfeld amber
 829. *Custodela cheiracantha* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
 830. *Custodela clava* Wunderlich, 2004s Pa Baltic amber
 831. *Custodela curva* Wunderlich, 2004s Pa Baltic amber
 832. *Custodela curvata* Wunderlich, 2004s Pa Bitterfeld amber
 833. *Custodela divergens* Wunderlich, 2004s Pa Baltic amber
 834. *Custodela expandens* Wunderlich, 2004s Pa Baltic amber
 835. *Custodela falcata* Wunderlich, 2004s Pa Baltic amber
 836. *Custodela femurspinosa* Wunderlich, 2004s Pa Bitterfeld amber
 837. *Custodela henningseni* Wunderlich, 2004s Pa Baltic amber
 838. *Custodela kochi* Wunderlich, 2004s Pa Baltic amber
 839. *Custodela lamellata* (Wunderlich, 1988) Pa Baltic amber
 840. *Custodela lanx* Wunderlich, 2004s Pa Baltic amber
 841. *Custodela oblonga* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 842. *Custodela obtusa* Wunderlich, 2004s Pa Baltic amber
 843. ?*Custodela parva* Wunderlich, 2004s Pa Bitterfeld amber
 844. *Custodela pseudokochi* Wunderlich, 2004s Pa Baltic amber
 845. *Custodela stridulans* Wunderlich, 2004s Pa Bitterfeld amber

846. <i>Custodela tenuipes</i> (Petrunkevitch, 1942)	Pa	Baltic amber
847. <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
848. <i>Custodelela hamata</i> Wunderlich, 2004s*	Pa	Bitterfeld amber
† <i>Eolabulla</i> Wunderlich, 2004s		Palaeogene
849. <i>Eolabulla falcata</i> Wunderlich, 2004s	Pa	Baltic amber
850. <i>Eolabulla gladiformis</i> Wunderlich, 2004s	Pa	Baltic amber
851. <i>Eolabulla laminata</i> Wunderlich, 2004s*	Pa	Baltic amber
852. <i>Eolabulla perforata</i> Wunderlich, 2004s	Pa	Baltic amber
853. <i>Eolabulla sagitta</i> Wunderlich, 2004s	Pa	Baltic amber
854. <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
855. <i>Eophantes complicatus</i> Wunderlich, 2004s*	Pa	Baltic amber
856. ? <i>Eophantes seorsum</i> Wunderlich, 2012c	Pa	Baltic amber
<i>Erigone</i> Audouin, 1826		Neogene – Recent
857. <i>Erigone atra</i> Blackwall, 1833 [Recent]	Qt	England
858. ? <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
859. <i>Floricomus fossilis</i> Penney, 2005c	Ne	Dominican amber
<i>Gonatium</i> Menge, 1868		Quaternary – Recent
860. <i>Gonatium rubens</i> (Blackwall, 1833) [Recent]	Qt	England
<i>Hypselistes</i> Simon, 1894		Quaternary – Recent
861. <i>Hypselistes jacksoni</i> (O. P.-Cambridge, 1902) [Recent]	Qt	England
<i>Linyphia</i> Latreille, 1804a		Palaeogene – Recent
862. <i>Linyphia andraei</i> Bertkau, 1878b	Ne	Rott, Germany
863. <i>Linyphia byrami</i> Cockerell, 1925	Pa	Green River
864. <i>Linyphia florissanti</i> Petrunkevitch, 1922	Pa	Florissant
865. <i>Linyphia pachygnathoides</i> Petrunkevitch, 1922	Pa	Florissant
866. <i>Linyphia quievreuxi</i> Berland, 1939	Pa	Aix-en-Provence
867. <i>Linyphia retensa</i> Scudder, 1890a	Pa	Florissant
868. <i>Linyphia rottensis</i> Bertkau, 1878b	Ne	Rott, Germany
869. <i>Linyphia seclusa</i> (Scudder, 1890a)	Pa	Florissant
† <i>Madagascarphantes</i> Wunderlich, 2012a		Quaternary
870. <i>Madagascarphantes vomerans</i> Wunderlich, 2012a*	Qt	Madagascan copal
† <i>Malepellis</i> Petrunkevitch, 1971		Neogene
871. <i>Malepellis extincta</i> Petrunkevitch, 1971*	Ne	Chiapas amber
<i>Meioneta</i> Hull, 1920		Neogene – Recent
872. <i>Meioneta bigibber</i> (Wunderlich, 1988)	Ne	Dominican amber

873. <i>Meioneta fastigata</i> (Wunderlich, 1988)	Ne Dominican amber
874. <i>Meioneta separata</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Meioneta</i> sp. in Wunderlich (1988)	Ne Dominican amber
Micryphantes C. L. Koch, 1833	Palaeogene
875. <i>Micryphantes molybdinus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
876. <i>Micryphantes regularis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Mystagogus Petrunkevitch, 1942 ...[Wunderlich suggests possibly in Cyatholipidae]	Palaeogene
877. <i>Mystagogus dubius</i> Petrunkevitch, 1958	Pa Baltic amber
878. <i>Mystagogus glaber</i> Petrunkevitch, 1942*	Pa Baltic amber
† Parabullula Wunderlich, 2004s	Palaeogene
879. <i>Parabullula bitterfeldensis</i> Wunderlich, 2004s*	Pa Bitterfeld amber
880. ? <i>Parabullula dubia</i> Wunderlich, 2004s	Pa Baltic amber
881. <i>Parabullula succinifera</i> Wunderlich, 2004s	Pa Baltic amber
<i>Parabullula</i> sp. in Wunderlich (2004s, 2012c)	Pa Bitterfeld amber
Pocadicnemis Simon, 1884c	Quaternary – Recent
882. <i>Pocadicnemis pumila</i> (Blackwall, 1841) [Recent]	Qt England
Savignia Blackwall, 1833	Quaternary – Recent
883. <i>Savignia frontata</i> Blackwall, 1833 [Recent]	Qt England
Selenyphantes Gertsch & Davis, 1946	Neogene – Recent
= † <i>Palaeolinyphia</i> Wunderlich, 1986	
884. <i>Selenyphantes flagellifera</i> (Wunderlich, 1986)	Ne Dominican amber
† Succineta Wunderlich, 2004s	Palaeogene
885. <i>Succineta brevispina</i> Wunderlich, 2004s	Pa Baltic amber
886. <i>Succineta discoidalis</i> Wunderlich, 2004s*	Pa Baltic amber
<i>Succineta</i> sp. in Wunderlich (2004s)	Pa Baltic amber
† Succiphantes Wunderlich, 2004s	Palaeogene
887. <i>Succiphantes tanasevitchi</i> Wunderlich, 2004s	Pa Baltic amber
888. <i>Succiphantes velteni</i> Wunderlich, 2004s*	Pa Baltic amber
Toschia Caporiacco, 1949	Quaternary – Recent
889. ? <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
890. <i>Zhizhu daohugouensis</i> Selden, Ren & Shih, 2016*	J Daohugou
891. <i>Zhizhu jeholensis</i> Selden, Ren & Shih, 2016	K Jehol Biota
† BURMADICTYNIDAE Wunderlich, 2017c	Cretaceous

† Burmadictyna Wunderlich, 2008d	Cretaceous
? <i>Burmadictyna</i> sp. in Wunderlich (2015b)	K Burmese amber
<i>Burmadictyna</i> sp. indet. in Wunderlich (2017c)	K Burmese amber
892. <i>Burmadictyna clava</i> Wunderlich, 2015b	K Burmese amber
893. <i>Burmadictyna excavata</i> Wunderlich, 2015b	K Burmese amber
894. <i>Burmadictyna pecten</i> Wunderlich, 2008d*	K Burmese amber
895. <i>Burmadictyna postcopula</i> Wunderlich, 2017c	K Burmese amber
† Eodeinopsis Wunderlich, 2017c	Cretaceous
896. <i>Eodeinopsis longipes</i> Wunderlich, 2017c*	K Burmese amber
† SALTICOIDIDAE Wunderlich, 2008d	Cretaceous
† Palaeomicromennus Penney, 2003	Cretaceous
897. <i>Palaeomicromennus lebanensis</i> Penney, 2003b*	K Lebanese amber
† Salticoidus Wunderlich, 2008d	Cretaceous
898. <i>Salticoidus kaddumiorum</i> Wunderlich, 2008d*	K Jordanian amber
DEINOPIIDAE C. L. Koch, 1851	Cretaceous – Recent
Deinopsis MacLeay, 1839	Quaternary – Recent
899. <i>Deinopsis</i> ? <i>madagascariensis</i> Lenz, 1886 [Recent]	Qt Madagascar copal
† Deinopoides MacLeay, 1839	Cretaceous
900. <i>Deinopoides tranquillus</i> Wunderlich, 2017c	K Burmese amber
Menneus Simon, 1876b	Palaeogene – Recent
901. ? <i>Menneus pietrzeniukae</i> Wunderlich, 2004g	Pa Baltic amber
? <i>Menneus</i> sp. 1–3 in Wunderlich (2004g)	Pa Baltic amber
SYNAPHRIDAE Wunderlich, 1986	Palaeogene – Recent
† Iardinidis Wunderlich 2004k	Palaeogene
902. <i>Iardinidis brevipes</i> Wunderlich, 2004k*	Pa Baltic amber
OECOBIOIDEA Blackwall, 1862	Cretaceous – Recent
Oecobioidea fam. indet. in Wunderlich (2008d)	K Burmese amber
Oecobioidea indet. in Wunderlich 2015b	K Jordanian amber
HERSILIIDAE Thorell, 1870a	Cretaceous – Recent
= CHALINUROIDAE Thorell, 1873	
Hersiliidae sp. 1–3 in Wunderlich (2004d)	Pa Baltic amber
Hersiliidae sp. in Wunderlich (2011f)	Qt Madagascar copal
Hersiliidae indet. in Wunderlich, 2015b	K Burmese amber
† Burmesiola Wunderlich, 2011i	Cretaceous
903. <i>Burmesiola cretacea</i> Wunderlich, 2011f*	K Burmese amber
904. <i>Burmesiola daviesi</i> Wunderlich, 2015b	K Burmese amber
† "Fictotama Petrunkevitch, 1963 (nomen dubium)"	Neogene

Wunderlich 2011f placed a new species in this genus, which was previously considered a *nomen dubium*. He did not formally revalidate the genus

905. "*Fictotama*" *maculosa* Wunderlich, 2011g Ne Dominican amber
- † ***Gerdia* Menge, 1869** **Palaeogene**
906. *Gerdia myura* Menge, 1869* Pa Baltic amber
- † ***Gardiopsis* Wunderlich, 2004e** **Palaeogene**
907. *Gardiopsis infrigens* Wunderlich, 2004e* Pa Baltic amber
- † ***Gerdiorum* Wunderlich 2004e** **Palaeogene**
908. *Gerdiorum inflexum* Wunderlich 2004e* Pa Baltic amber
- Hersilia* Audouin, 1826** **Palaeogene – Recent**
- = † *Hersiliopsis* Wunderlich, 2004e
909. *Hersilia aquisextana* Gourret, 1887 Pa Aix-en-Provence
910. *Hersilia longipes* Giebel, 1856 Pa Baltic amber
911. *Hersilia madagascarensis* (Wunderlich, 2004e) Qt–R Madagas. copal
912. ?*Hersilia miranda* C. L. Koch & Berendt, 1854 Pa Baltic amber
- † ***Hersiliana* Wunderlich, 2004e** **Quaternary – Recent**
913. *Hersiliana brevipes* Wunderlich, 2004e* Qt Madagascan copal
- Hersiliola* Thorell, 1870** **Palaeogene – Recent**
- Hersiliola* sp. in Selden & Wang (2014) Pa Green River
- † ***Prototama* Petrunkevitch, 1971** **Neogene**
- = † *Priscotama* Petrunkevitch, 1971
914. *Prototama antiqua* (Petrunkevitch, 1971) Ne Chiapas amber
915. *Prototama maior* (Wunderlich, 1988) Ne Dominican amber
916. *Prototama media* (Wunderlich, 1988) Ne Dominican amber
917. *Prototama minor* (Wunderlich, 1987) Ne Dominican amber
918. *Prototama succinea* Petrunkevitch, 1971* Ne Chiapas amber
- Prototama* sp. in Wunderlich (1988) Ne Dominican amber
- † ***Spinasilia* Wunderlich, 2015b** **Cretaceous**
919. *Spinasilia dissoluta* Wunderlich, 2015b* K Burmese amber
- † **BURMASCUTIDAE Wunderlich, 2008d** **Cretaceous**
- † ***Burmascutum* Wunderlich, 2008d** **Cretaceous**
920. *Burmascutum aenigma* Wunderlich, 2008d* K Burmese amber
921. *Burmascutum brevis* Wunderlich in Wunderlich & Müller, 2018 K Burmese amber
- OECOBIIDAE Blackwall, 1862** **Cretaceous – Recent**
- = UROCTEIDAE Thorell, 1869
- Oecobiidae indet. in Wunderlich, 2015b K Burmese amber
- † ***Lebanoecobius* Wunderlich, 2004e** **Cretaceous**
922. *Lebanoecobius schleei* Wunderlich, 2004e* K Lebanese amber
- † ***Mizalia* C. L. Koch & Berendt, 1854** **Palaeogene**
- = † *Paruroctea* Petrunkevitch, 1942

923. <i>Mizalia blauvelti</i> (Petrunkevitch, 1942)	Pa Baltic amber
924. <i>Mizalia gemini</i> Wunderlich, 2004e	Pa Baltic amber
925. <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
926. <i>Mizalia spirembolus</i> Wunderlich, 2004e	Pa Baltic amber
<i>Mizalia</i> sp. <i>in</i> Wunderlich (2011 <i>h</i>)	Pa Baltic/Bltter. amber
Oecobius Lucas, 1846	?Cretaceous – Recent
927. <i>Oecobius piliformis</i> Wunderlich, 1988	Ne Dominican amber
? <i>Oecobius</i> sp. <i>indet in</i> Penney (2002)	K New Jersey amber
† Retroecobius Wunderlich, 2015b	Cretaceous
928. <i>Retroecobius chomskyi</i> Wunderlich, 2015 <i>b</i> *	K Burmese amber
929. <i>Retroecobius convexus</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
Uroctea Dufour, 1820	Palaeogene – Recent
930. <i>Uroctea galloprovincialis</i> Gourret, 1887	Pa Aix-en-Provence
† Zamilia Wunderlich, 2008d	Cretaceous
931. <i>Zamilia aculeopectens</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
932. <i>Zamilia antecessor</i> Wunderlich, 2008 <i>d</i> *	K Burmese amber
933. <i>Zamilia quattuormammillae</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
<i>Zamilia</i> sp. <i>indet. in</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
'CANOE TAPETUM' CLADE	Jurassic – Recent
ORBICULARIAE Walckenaer, 1802	Jurassic – Recent
ULOBORIDAE Thorell, 1869	?Jurassic – Recent
Uloboridae <i>indet. in</i> Wunderlich (2011 <i>f</i>)	Qt Madagascar copal
Uloboridae <i>indet. in</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
Uloboridae <i>incerate sedis in</i> Selden & Wang (2014)	Pa Green River
† Bicalamistrum Wunderlich, 2015b	Cretaceous
934. <i>Bicalamistrum mixtum</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
† Burmasuccinus Wunderlich in Wunderlich & Müller, 2018	Cretaceous
935. <i>Burmasuccinus bulla</i> Wunderlich <i>in</i> Wunderlich & Müller, 2018*	K Burmese amber
† Burmuloborus Wunderlich, 2008d	Cretaceous
936. <i>Burmuloborus antefixus</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
937. <i>Burmuloborus parvus</i> Wunderlich, 2008 <i>d</i> *	K Burmese amber
938. ? <i>Burmuloborus prolongatus</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
? <i>Burmuloborus</i> sp. <i>indet. in</i> Wunderlich, 2015 <i>b</i>	K Burmese amber
† Eomiagrammopes Wunderlich, 2004f	Palaeogene
939. <i>Eomiagrammopes maior</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
940. <i>Eomiagrammopes minor</i> Wunderlich, 2004 <i>f</i>	Pa Baltic amber
941. <i>Eomiagrammopes semiapertus</i> Wunderlich, 2011 <i>h</i>	Pa Baltic amber
942. <i>Eomiagrammopes singularis</i> Wunderlich, 2004 <i>f</i> *	Pa Baltic amber

943. <i>Eomiagrammopes spinipes</i> Wunderlich, 2004f	Pa Baltic amber
<i>Eomiagrammopes</i> sp. 1–2 in Wunderlich (2004f)	Pa Baltic amber
? <i>Eomiagrammopes</i> sp. in Wunderlich (2004f)	Pa Baltic amber
† <i>Eotibiaapophysis</i> Wunderlich in Wunderlich & Müller, 2018	Cretaceous
944. <i>Eotibiaapophysis reliquus</i> Wunderlich in Wunderlich & Müller, 2018*	K Burmese amber
† <i>Furculoborus</i> Wunderlich, 2017c	Cretaceous
945. <i>Furculoborus patellaris</i> Wunderlich, 2017c	K Burmese amber
† <i>Hyptiomopes</i> Wunderlich, 2004f	Palaeogene
946. <i>Hyptiomopes bitterfeldensis</i> Wunderlich 2004f*	Pa Bitterfeld amber
? <i>Hyptiomopes</i> sp. in Wunderlich (2004f)	Pa Bitterfeld amber
<i>Hyptiotes</i> Walckenaer, 1837	Palaeogene – Recent
= † <i>Androgeus</i> C. L. Koch & Berendt, 1854	
947. <i>Hyptiotes convexus</i> Wunderlich, 2004f	Pa Baltic amber
948. <i>Hyptiotes glaber</i> Wunderlich, 2004f	Pa Baltic amber
949. <i>Hyptiotes saetosus</i> Wunderlich, 2004f	Pa Baltic amber
950. <i>Hyptiotes stellatus</i> Wunderlich, 2004f	Pa Baltic amber
951. <i>Hyptiotes triqueter</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† <i>Jerseyuloborus</i> Wunderlich, 2011i	Cretaceous
952. <i>Jerseyuloborus longisoma</i> Wunderlich, 2011i*	K New Jersey amber
† <i>Kachin</i> Wunderlich, 2017c	Cretaceous
953. <i>Kachin fruticosus</i> Wunderlich, 2017c*	K Burmese amber
954. <i>Kachin fruticosoides</i> Wunderlich, 2017c	K Burmese amber
955. <i>Kachin serratus</i> Wunderlich in Wunderlich & Müller, 2018	K Burmese amber
<i>Miagrammopes</i> O. P.-Cambridge, 1870	Palaeogene – Recent
956. <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
† <i>Microuloborus</i> Wunderlich, 2015b	Cretaceous
957. <i>Microuloborus birmanicus</i> Wunderlich, 2015b*	K Burmese amber
† <i>Ocululoborus</i> Wunderlich, 2012d	Cretaceous
958. <i>Ocululoborus curvatus</i> Wunderlich, 2012d*	K Burmese amber
† <i>Opellianus</i> Wunderlich, 2004f	Palaeogene
959. <i>Opellianus excellens</i> Wunderlich, 2004f*	Pa Baltic amber
960. <i>Opellianus kazimierasii</i> Wunderlich 2004f	Pa Baltic amber
961. <i>Opellianus ludwigi</i> Wunderlich 2004f	Pa Baltic amber
† <i>Palaeomiagrammopes</i> Wunderlich, 2008d	Cretaceous
962. <i>Palaeomiagrammopes vesica</i> Wunderlich, 2008d*	K Burmese amber
† <i>Palaeouloborus</i> Selden, 1990	Cretaceous
963. <i>Palaeouloborus lacasae</i> Selden, 1990*	K Sierra de Montsech
† <i>Paramiagrammopes</i> Wunderlich, 2008d	Cretaceous

964. <i>Paramiagrammopes cretaceus</i> Wunderlich, 2008d*	K	Burmese amber
965. <i>Paragrammopes [sic] longicypeus</i> Wunderlich, 2015b	K	Burmese amber
966. <i>Paramiagrammopes patellidens</i> Wunderlich, 2015b	K	Burmese amber
967. <i>Paramiagrammopes pusillus</i> Wunderlich in Wunderlich & Müller, 2018	K	Burmese amber
<i>Paramiagrammopes</i> sp. in Wunderlich (2008d)	K	Burmese amber
† Planibulbus Wunderlich in Wunderlich & Müller, 2018	Cretaceous	
968. <i>Planibulbus longisoma</i> Wunderlich in Wunderlich & Müller, 2018*	K	Burmese amber
† Propterkachin Wunderlich, 2017c	Cretaceous	
969. <i>Propterkachin magnoculus</i> Wunderlich, 2017c*	K	Burmese amber
† Talbragaraneus Selden & Beattie, 2013 [tentative familial assignment]	Jurassic	
970. <i>Talbragaraneus jurassicus</i> Selden & Beattie, 2013*	J	Talbragar, Australia
† Ulobomopes Wunderlich, 2004f	Palaeogene	
971. <i>Ulobomopes unicus</i> Wunderlich, 2004f*	Pa	Baltic amber
† FRATERULOBORIDAE Wunderlich in Wunderlich & Müller, 2018	Cretaceous	
† Frateruloborus Wunderlich in Wunderlich & Müller, 2018	Cretaceous	
972. <i>Frateruloborus bulbosus</i> Wunderlich in Wunderlich & Müller, 2018*	K	Burmese amber
† ALTERULOBORIDAE Wunderlich in Wunderlich & Müller, 2018	Cretaceous	
† Alteruloborus Wunderlich in Wunderlich & Müller, 2018	Cretaceous	
973. <i>Alteruloborus araneoides</i> Wunderlich in Wunderlich & Müller, 2018*	K	Burmese amber
† MONGOLARACHNIDAE Selden, Shi & Ren, 2013	Jurassic – Cretaceous	
Wunderlich (2017c) considered it a haplogyne spider family, close to Pholcochyroceridae		
† Longissipalpus Wunderlich, 2015b	Cretaceous	
974. <i>Longissipalpus cochlea</i> Wunderlich, 2017c	K	Burmese amber
975. <i>Longissipalpus magnus</i> Wunderlich, 2015b	K	Burmese amber
976. <i>Longissipalpus maior</i> Wunderlich, 2015b	K	Burmese amber
977. <i>Longissipalpus minor</i> Wunderlich, 2015b*	K	Burmese amber
† Mongolarachne Selden, Shi & Ren, 2013	Jurassic	
978. <i>Mongolarachne jurassica</i> (Selden, Shih & Ren, 2011)*	J	Daohugou
† Pedipalparaneus Wunderlich, 2015b	Cretaceous	
979. <i>Pedipalparaneus seldeni</i> Wunderlich, 2015b*	K	Burmese amber
TITANOECOIDEA Lehtinen, 1967	Quaternary – Recent	
TITANOECIDAE Lehtinen, 1967	Quaternary – Recent	
† Copaldictyna Wunderlich, 2004v	Quaternary	
Tentative transfer by Wunderlich (2012a)		
980. <i>Copaldictyna madagascariensis</i> Wunderlich, 2004v*	Qt	Madagascan copal
PHYXELIDIDAE Lehtinen, 1967	Recent	
no fossil record		

RETROLATERAL TIBIAL APOPHYSIS CLADE	Cretaceous – Recent
?RTA-clade <i>in</i> Wunderlich (2008 <i>d</i>)	K Burmese amber
?RTA-clade <i>in</i> Wunderlich (2017 <i>c</i>)	K Burmese amber
?RTA-clade <i>in</i> 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 <i>in</i> Wunderlich (2004 <i>ae</i>)	Pa Baltic amber
† Adjutor Petrunkevitch, 1942	Palaeogene
981. <i>Adjutor deformis</i> Petrunkevitch, 1958	Pa Baltic amber
982. <i>Adjutor mirabilis</i> Petrunkevitch, 1942*	Pa Baltic amber
† Admissor Petrunkevitch, 1942	Palaeogene
983. <i>Admissor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Adorator Petrunkevitch, 1942	Palaeogene
984. <i>Adorator hispidus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic / Rovno amber
i. = <i>Segestria cylindrica</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
ii. = <i>Eresus curtipes</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
iii. = <i>Eresus monachus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
iv. = <i>Adorator brevipes</i> Petrunkevitch, 1942*	Pa Baltic amber
985. <i>Adorator samlandicus</i> Petrunkevitch, 1942	Pa Baltic amber
† Angusdarion Wunderlich, 2004<i>ae</i>	Palaeogene
986. <i>Angusdarion humilis</i> Wunderlich, 2004 <i>ae</i> *	Pa Baltic amber
† Anniculus Petrunkevitch, 1942	Palaeogene
987. <i>Anniculus balticus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Eocydrele Petrunkevitch, 1958	Palaeogene
988. <i>Eocydrele mortua</i> Petrunkevitch, 1958*	Pa Baltic amber
† Propago Petrunkevitch, 1963	Neogene
989. <i>Propago debilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
† Spinizodarion Wunderlich, 2004<i>ae</i>	Palaeogene
990. <i>Spinizodarion ananulum</i> Wunderlich, 2004 <i>ae</i> *	Pa Baltic amber
† Zodariodamus Wunderlich 2004<i>ae</i>	Palaeogene
991. <i>Zodariodamus recurvatus</i> Wunderlich 2004 <i>ae</i> *	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. <i>in</i> Wunderlich (2004 <i>u</i>)	Pa Baltic amber
AGELENIDAE C. L. Koch, 1837	Palaeogene – Recent
= TEGENARIDAE Prach, 1860	
= † INCEPTORIDAE Petrunkevitch, 1942	
Agelena Walckenaer, 1805	Palaeogene – Recent
992. <i>Agelena tabida</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
Histopona Thorell, 1869	Palaeogene – Recent
993. ? <i>Histopona anthracina</i> Bertkau, 1878 <i>b</i>	Ne Rott, Germany
† Inceptor Petrunkevitch, 1942	Palaeogene
994. <i>Inceptor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
995. <i>Inceptor dubius</i> Petrunkevitch, 1946	Pa Baltic amber
Tegenaria Latreille, 1804a	Palaeogene – Recent
996. ? <i>Tegenaria fragmentum</i> Wunderlich, 2004 <i>w</i>	Pa Baltic amber
997. <i>Tegenaria lacazei</i> Gourret, 1887	Pa Aix-en-Provence
998. ? <i>Tegenaria obtusa</i> Wunderlich, 2004 <i>w</i>	Pa Baltic amber
999. <i>Tegenaria virilis</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
DICTYNOIDEA O. P.-Cambridge, 1871	Palaeogene – Recent
Dictynoidea incertae sedis	
† Sinodictyna Hong, 1982	Palaeogene
1000. <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
1001. <i>Argyroneta aquatica</i> (Clerck, 1757) [Recent]	Qt England
1002. ? <i>Argyroneta longipes</i> Heer, 1865	Ne Öhningen
† Vectaraneus Selden, 2001	Palaeogene
1003. <i>Vectaraneus yulei</i> Selden, 2001*	Pa Bembridge Marls
HAHNIIDAE Bertkau, 1878a	Palaeogene – Recent
† Cymbiohahnia Wunderlich, 2004<i>v</i>	Palaeogene
1004. <i>Cymbiohahnia parens</i> Wunderlich, 2004 <i>v</i>	Pa Baltic, Bitterfeld & Rovno amber
† Eohahnia Petrunkevitch, 1958	Palaeogene
1005. <i>Eohahnia succini</i> Petrunkevitch, 1958*	Pa Baltic amber
† Protohahnia Wunderlich, 2004<i>v</i>	Palaeogene
1006. <i>Protohahnia antiqua</i> Wunderlich, 2004 <i>v</i> *	Pa Baltic amber

1007. *Protohahnia tripartita* Wunderlich, 2004v Pa Baltic amber
- genus uncertain**
1008. '*Tegenaria*' *obscura* C. L. Koch & Berendt, 1854 Pa Baltic amber
- DICTYNIDAE O. P.-Cambridge, 1871** **Cretaceous – Recent**
 = RHIOIDAE Thorell, 1873
 = † ARTHRODICTYNIDAE Petrunkevitch, 1942
- Dictynidae gen. et sp. indet *in* Penney (2002) K New Jersey amber
- Dictynidae sp. 1–2 *in* Wunderlich (2004v) Pa Baltic amber
- Dictynidae sp. 1–5 *in* Wunderlich (2008d) K Burmese amber
- Dictyninae indet *in* Wunderlich (2012b) Pa Rovno amber
- Argenna Thorell, 1870a** **Neogene – Recent**
1009. *Argenna fossilis* Petrunkevitch *in* Palmer, 1957 Ne Mojave Desert
- † **Arthrodictyna Petrunkevitch, 1942** **Palaeogene**
1010. *Arthrodictyna segmentata* Petrunkevitch, 1942* Pa Baltic amber
- † **Balticocryphoeca Wunderlich, 2004v** **Palaeogene**
1011. *Balticocryphoeca curvitaris* Wunderlich, 2004v* Pa Baltic / Bitt. amber
- † **Brommellina Wunderlich, 2004v** **Palaeogene**
1012. *Brommellina longungulae* Wunderlich, 2004v* Pa Baltic amber
- † **Chelicirrum Wunderlich, 2004v** **Palaeogene**
1013. *Chelicirrum stridulans* Wunderlich, 2004v* Pa Baltic amber
- † **Cryphoezaga Wunderlich, 2004v** **Palaeogene**
1014. *Cryphoezaga dubia* Wunderlich, 2004v* Pa Baltic amber
- Dictyna Sundevall, 1833** **Quaternary – Recent**
1015. *Dictyna rufa* Wunderlich, 2012a Qt Madagascan copal
- † **Eobrommella Wunderlich, 2004v** **Palaeogene**
1016. *Eobrommella scutata* Wunderlich, 2004v* Pa Baltic amber
- † **Eocryphoeca Petrunkevitch, 1946** **Palaeogene**
1017. *Eocryphoeca bitterfeldensis* Wunderlich, 2004v Pa Bitterfeld amber
1018. *Eocryphoeca electrina* Wunderlich, 2004v Pa Baltic amber
1019. *Eocryphoeca falcata* Wunderlich, 2004v Pa Baltic amber
1020. *Eocryphoeca gibbifera* Wunderlich, 2004v Pa Baltic amber
1021. *Eocryphoeca gracilipes* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
1022. *Eocryphoeca ligula* Wunderlich, 2004v Pa Baltic amber
1023. *Eocryphoeca mammilla* Wunderlich, 2004v Pa Baltic amber
1024. *Eocryphoeca splendens* Wunderlich, 2004v Pa Baltic amber
- Eocryphoeca* sp. *in* Wunderlich (2004v) Pa Baltic amber
- † **Eocryphoecara Wunderlich, 2004v** **Palaeogene**
1025. *Eocryphoecara abicera* Wunderlich, 2004v* Pa Baltic amber
- † **Eodictyna Wunderlich, 2004v** **Palaeogene**
1026. *Eodictyna communis* Wunderlich, 2004v* Pa Baltic amber
- † **Eolathys Petrunkevitch, 1950** **Palaeogene**

1027. <i>Eolathys debilis</i> Petrunkevitch, 1950	Pa Baltic amber
1028. <i>Eolathys succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† Flagelldictyna Wunderlich, 2012a	Quaternary
1029. <i>Flagelldictyna copalis</i> Wunderlich, 2012a*	Qt Madagascar copal
† Gibbermastigusa Wunderlich, 2004v	Palaeogene
1030. <i>Gibbermastigusa lateralis</i> Wunderlich, 2004v*	Pa Baltic amber
† Hispaniolyna Wunderlich, 1988	Neogene
1031. <i>Hispaniolyna hirsuta</i> Wunderlich, 1988	Ne Dominican amber
1032. <i>Hispaniolyna magna</i> Wunderlich, 1988*	Ne Dominican amber
† Mastigusa Menge in C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Eotetrilus</i> Wunderlich, 1982 [<i>nomen nudum</i>]	
1033. <i>Mastigusa acuminata</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
1034. <i>Mastigusa arcuata</i> Wunderlich, 2004v	Pa Baltic amber
1035. <i>Mastigusa bitterfeldensis</i> Wunderlich, 2004v	Pa Bitterfeld amber
1036. <i>Mastigusa laticymbium</i> Wunderlich, 2004v	Pa Baltic amber
1037. <i>Mastigusa magnibulbus</i> Wunderlich, 2004v	Pa Bitterfeld amber
1038. <i>Mastigusa media</i> Wunderlich, 1986	Pa Baltic amber
1039. <i>Mastigusa modesta</i> Wunderlich, 1986	Pa Baltic amber
1040. <i>Mastigusa scutata</i> Wunderlich, 2004v	Pa Baltic amber
<i>Mastigusa</i> sp. in Wunderlich (2004v)	Pa Baltic amber
† Mizagalla Wunderlich, 2004v	Palaeogene
1041. <i>Mizagalla quattuor</i> Wunderlich, 2004v*	Pa Baltic amber
1042. <i>Mizagalla tuberculata</i> Wunderlich, 2004v	Pa Baltic amber
† Palaeodictyna Wunderlich, 1988	Neogene
1043. <i>Palaeodictyna intermedia</i> Wunderlich, 1988	Ne Dominican amber
1044. <i>Palaeodictyna longispina</i> Wunderlich, 1988	Ne Dominican amber
1045. <i>Palaeodictyna singularis</i> Wunderlich, 1988	Ne Dominican amber
1046. <i>Palaeodictyna spiculum</i> Wunderlich, 1988	Ne Dominican amber
1047. <i>Palaeodictyna termitophila</i> Wunderlich, 1988*	Ne Dominican amber
1048. <i>Palaeodictyna unispina</i> Wunderlich, 1988	Ne Dominican amber
† Palaeolathys Wunderlich, 1986	Neogene
1049. <i>Palaeolathys circumductus</i> Wunderlich, 1988	Ne Dominican amber
1050. <i>Palaeolathys copalis</i> Wunderlich, 1986	Qt Dominican copal
1051. <i>Palaeolathys quadruplex</i> Wunderlich, 1988	Ne Dominican amber
1052. <i>Palaeolathys similis</i> Wunderlich, 1988	Ne Dominican amber
1053. <i>Palaeolathys spinosa</i> Wunderlich, 1986*	Ne Dominican amber
<i>Palaeolathys</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Protomastigusa Wunderlich, 2004v	Palaeogene
1054. <i>Protomastigusa composita</i> Wunderlich, 2004v	Pa Baltic amber
† Scopulyna Wunderlich, 2004v	Palaeogene
1055. <i>Scopulyna cursor</i> Wunderlich, 2004v	Pa Baltic amber

† <i>Succinya</i> Wunderlich, 1988	Neogene
1056. <i>Succinya longembolus</i> Wunderlich, 1988	Ne Dominican amber
1057. <i>Succinya pulcher</i> Wunderlich, 1988*	Ne Dominican amber
1058. <i>Succinya spinipalpus</i> Wunderlich, 1988	Ne Dominican amber
Thallumetus Simon, 1892b	Quaternary – Recent
1059. <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
1060. <i>Myro extinctus</i> Petrunkevitch, 1958 [belongs in Dictynidae?]	Pa Baltic amber
1061. <i>Myro hirsutus</i> 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 <i>in</i> (Wunderlich 2008c)	Pa Baltic amber
† Caduceator Petrunkevitch, 1942	Palaeogene
1062. <i>Caduceator minutus</i> Petrunkevitch, 1942*	Pa Baltic amber
1063. <i>Caduceator quadrimaculatus</i> Petrunkevitch, 1950	Pa Baltic amber
† Collacteus Petrunkevitch, 1942	Palaeogene
1064. <i>Collacteus captivus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Eostaianus Petrunkevitch, 1950	Palaeogene
1065. <i>Eostaianus succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† Eostasina Petrunkevitch, 1942	Palaeogene
1066. <i>Eostasina aculeata</i> Petrunkevitch, 1942*	Pa Baltic amber
Eusparassus Simon 1903	Palaeogene – Recent
1067. <i>Eusparassus crassipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Heteropoda Latreille, 1804a	Palaeogene – Recent
= † <i>Retina</i> Hong, 1985	
1068. <i>Heteropoda rpbusta</i> [sic] (Hong, 1985)	Ne Shanwang
NB: as ' <i>H. robusta</i> ' this would be a junior homonym of a living species.	

<i>Pseudosparianthis</i> Simon, 1887	Neogene – Recent
1069. <i>Pseudosparianthis pfeifferi</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Zachria</i> L. Koch, 1875	Palaeogene – Recent
an Australian genus; Wunderlich (2012c) regarded at least <i>Z. desiderabilis</i> as gen. indet.	
1070. <i>Zachria desiderabilis</i> Petrunkevitch, 1950	Pa Baltic amber
1071. <i>Zachria peculiata</i> Petrunkevitch, 1946	Pa Baltic amber
1072. <i>Zachria restincta</i> Petrunkevitch, 1958	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
† <i>Cymbioropsis</i> Wunderlich, 2017a	Palaeogene
1073. <i>Cymbioropsis palpussutura</i> Wunderlich, 2017a*	Pa Baltic amber
† <i>Eomatachia</i> Petrunkevitch, 1942	Palaeogene
1074. <i>Eomatachia barbarus</i> Wunderlich, 2004x	Pa Baltic amber
1075. <i>Eomatachia bipartita</i> Wunderlich, 2004x	Pa Baltic amber
1076. <i>Eomatachia divergens</i> Wunderlich, 2004x	Pa Baltic amber
1077. <i>Eomatachia duplex</i> Wunderlich, 2004x	Pa Baltic amber
1078. <i>Eomatachia latifrons</i> Petrunkevitch, 1942*	Pa Baltic amber
1079. <i>Eomatachia recedens</i> Wunderlich, 2004x	Pa Baltic amber
1080. <i>Eomatachia succini</i> (Petrunkevitch, 1942)	Pa Baltic amber
1081. <i>Eomatachia wegneri</i> Wunderlich, 2004x	Pa Baltic amber
1082. <i>Eomatachia xanthippe</i> Wunderlich, 2004x	Pa Baltic amber
† <i>Eoprychia</i> Petrunkevitch, 1958	Palaeogene
1083. <i>Eoprychia clara</i> Wunderlich, 2017a	Pa Baltic amber
1084. <i>Eoprychia succini</i> Petrunkevitch, 1958*	Pa Baltic amber
1085. <i>Eoprychia succinopsis</i> Wunderlich, 2004x	Pa Baltic amber
1086. <i>Eoprychia vicina</i> Wunderlich, 2004x	Pa Baltic amber
<i>Eoprychia</i> sp. <i>in</i> Wunderlich (2004x)	?Pa not specified
† <i>Pseudoeoprychia</i> Wunderlich, 2017a	Palaeogene
1087. <i>Pseudoeoprychia triplex</i> Wunderlich, 2017a*	Pa Baltic amber
† <i>Succiniopsis</i> Wunderlich, 2004x	Palaeogene
1088. <i>Succiniopsis kutscheri</i> Wunderlich, 2004x*	Pa Baltic / Bitt. amber
1089. <i>Succiniopsis runcinata</i> Wunderlich, 2012c	Pa Baltic amber

1090. *Succiniropsis samlandica* Wunderlich, 2004x Pa Baltic amber
- † **INSECUTORIDAE Petrunkevitch, 1942** **Palaeogene**
- † ***Insecutor* Petrunkevitch, 1942** **Palaeogene**
1091. *Insecutor aculeatus* Petrunkevitch, 1942* Pa Baltic amber
1092. *Insecutor mandibulatus* Petrunkevitch, 1942 Pa Baltic amber
1093. ?*Insecutor pecten* Wunderlich, 2004y Pa Baltic amber
1094. *Insecutor rufus* Petrunkevitch, 1942 Pa Baltic amber
1095. ?*Insecutor spinifer* Wunderlich, 2004y Pa Baltic amber
- ?*Insecutor* sp. in Wunderlich (2004y) Pa Baltic amber
- † **SUCCINOMIDAE Wunderlich, 2012c** **Palaeogene**
- † ***Eohalinobius* Wunderlich, 2008c** **Palaeogene**
1096. *Eohalinobius calefactus* Wunderlich, 2012c Pa Baltic amber
1097. *Eohalinobius hiddenseensis* Wunderlich, 2012c Pa Baltic amber
1098. *Eohalinobius patina* Wunderlich, 2012c Pa Baltic amber
1099. *Eohalinobius scutatus* Wunderlich, 2008c Pa Baltic amber
- † ***Succinomus* Wunderlich, 2008c** **Palaeogene**
1100. *Succinomus duomammillae* Wunderlich, 2008c Pa Baltic amber
1101. ?*Succinomus gibbosus* Wunderlich, 2012c Pa Baltic amber
- CTENIDAE Keyserling, 1877** **Neogene – Recent**
- = ACANTHOCTENIDAE Simon, 1892b
- † ***Nanoctenus* Wunderlich, 1988** **Neogene**
1102. *Nanoctenus longipes* 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
- Oxyopidae* sp. in Wunderlich 2004ab Pa Bitterfeld amber
- Oxyopes* Latreille, 1804a** **Palaeogene – Recent**
1103. *Oxyopes defectus* Wunderlich, 1988 Ne Dominican amber
1104. '*Oxyopes*' *succini* Petrunkevitch, 1958 Pa Baltic amber
- Oxyopes* sp. in Wunderlich (1988, 2004ab) Ne Dominican amber
- † ***Planoxyopes* Petrunkevitch, 1963** **Neogene**
1105. *Planoxyopes eximius* Petrunkevitch, 1963* Ne Chiapas amber
- i. = *Planoxyopes fossilis* Wunderlich, 1988 [*lapsus*] Ne Chiapas amber

PISAURIDAE Simon, 1890	Palaeogene – Recent
= BRADYSTICHIDAE Simon, 1884	
= DOLOMEDIDAE Simon, 1898a	
= HALIDAE Jocqué, 1994	
Pisauridae sp. <i>in</i> Wunderlich (1988)	Pa Dominican amber
Pisauridae sp. <i>in</i> Wunderlich (2004z)	Pa Baltic amber
Dolomedes Latreille, 1804a	Quaternary – Recent
1106. <i>Dolomedes fimbriatus</i> (Clerck, 1757) [Recent]	Qt England
† ‘Linoptes’ Menge in C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Eopisaurella</i> Petrunkevitch, 1958	
NB: see notes on <i>Linoptes</i> under Trechaleidae above!	
1107. ?‘ <i>Linoptes</i> ’ <i>valdespinosa</i> (Petrunkevitch, 1958)*	Pa Baltic amber
?‘ <i>Linoptes</i> ’ sp. 1–8 <i>in</i> Wunderlich (2004z)	Pa Baltic amber
† <i>Palaeoperenethis</i> Selden & Penney, 2009	Palaeogene
1108. <i>Palaeoperenethis thaleri</i> Selden & Penney, 2009*	Pa British Columbia
TRECHALEIDAE Simon, 1890	Palaeogene – Recent
= TRICLARIDAE O. P.-Cambridge, 1877 [<i>nomen oblitum</i>]	
= PERISSOBLEMMATIDAE O. P.-Cambridge, 1882b [based on a synonym]	
Trechaleidae sp. <i>in</i> Wunderlich (2004aa)	Pa Baltic amber
† <i>Eotrechalea</i> Wunderlich, 2004aa	Palaeogene
1109. <i>Eotrechalea annulata</i> Wunderlich, 2004aa*	Pa Baltic amber
† <i>Esuritor</i> Petrunkevitch, 1942	Palaeogene
1110. <i>Esuritor aculeatus</i> Petrunkevitch, 1958	Pa Baltic amber
1111. <i>Esuritor spinipes</i> Petrunkevitch, 1942*	Pa Baltic amber
† <i>Linoptes</i> Menge in C. L. Koch & Berendt, 1854	Palaeogene
1112. ?‘ <i>Linoptes</i> ’ <i>oculeus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
<i>Linoptes</i> mentioned as a <i>nomen nudum</i> by Wunderlich (2004z); this species listed by Wunderlich (2004aa) under Trechaleidae and another species under Pisauridae (see below)	
‘LYCOSOIDEA’ Sundevall, 1833	Cretaceous – Recent
† <i>Korearachne</i> Selden, Nam, Kim & Kim, 2012	Cretaceous
1113. <i>Korearachne jinju</i> 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. <i>in</i> Bottali (1975)	Qt Italy
Lycosidae gen. et sp. <i>in</i> Schawaller (1982d)	Ne Willershausen
Lycosidae gen. et sp. <i>in</i> Penney (2001)	Ne Dominican amber
Lycosidae gen. et sp. <i>in</i> Kim & Nam (2012) [unreliable record]	K Lioyuan, China
<i>Alopecosa</i> Simon, 1885b	Quaternary – Recent
1114. <i>Alopecosa ?pulverulenta</i> (Clerck, 1757) [Recent]	Qt England

† <i>Dryadía</i> Zhang, Sun & Zhang, 1994	Palaeogene
1115. <i>Dryadía acanthopoda</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Lycosa Latreille, 1804a	Palaeogene – Recent
1116. <i>Lycosa florissanti</i> Petrunkevitch, 1922	Pa Florissant
1117. <i>Lycosa lithographica</i> Schawaller & Ono, 1979	Ne Randecker Maar
1118. <i>Lycosa malleata</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1119. <i>Lycosa miocaena</i> Schawaller & Ono, 1979	Ne Randecker Maar
1120. <i>Lycosa subterranea</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Pardosa C. L. Koch, 1847	Quaternary – Recent
1121. <i>Pardosa pullata</i> (Clerck, 1757) [Recent]	Qt England
<i>Pardosa</i> sp. in Scott (2003)	Qt England
Pirata Sundevall, 1833	Quaternary – Recent
1122. <i>Pirata ?piraticus</i> (Clerck, 1757) [Recent]	Qt England
Trochosa C. L. Koch, 1847	Quaternary – Recent
1123. <i>Trochosa terricola</i> Thorell, 1856 [Recent]	Qt England
† PARATTIDAE Petrunkevitch, 1922	Palaeogene
† Parattus Petrunkevitch, 1922	Palaeogene
1124. <i>Parattus evocatus</i> (Scudder, 1890a)	Pa Florissant
1125. <i>Parattus latitatus</i> (Scudder, 1890a)	Pa Florissant
1126. <i>Parattus oculatus</i> Petrunkevitch, 1922	Pa Florissant
1127. <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, 2004a ^o	
Thomisidae gen. et sp. in Nishikawa (1974)	Qt Mizunami copal
Thomisidae gen. et sp. in Bottali (1975)	Qt Italy
Thomisidae gen. et sp. in Schawaller (1982 ^d)	Ne Willershausen
Thomisidae gen. et sp. in Wunderlich (1988)	Ne Dominican amber
Thomisidae gen. et sp. 1–2 in Wunderlich (2004 ^{ap})	Pa Baltic amber
Thomisidae gen. et sp. in Garcíá-Villafuerte (2006 ^b)	Ne Chiapas amber
Thomisidae <i>incertae sedis</i> in Selden & Wang (2014)	Pa Green River
Coriarachne Thorell, 1870 ^b	Quaternary – Recent
<i>Coriarachne</i> sp. in Cutler (1970)	Qt Wyoming
† Ecotona Lin, Zhang & Wang, 1989 [ex Araneidae]	Neogene

1128. <i>Ecotona brunnea</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1129. <i>Ecotona pilulifera</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1130. <i>Ecotona transipeda</i> Lin, Zhang & Wang, 1989*	Ne Shanwang
† Facundia Petrunkevitch, 1942	Palaeogene
1131. <i>Facundia clara</i> Petrunkevitch, 1942*	Pa Baltic amber
† Fiducia Petrunkevitch, 1950	Palaeogene
1132. <i>Fiducia tenuipes</i> Petrunkevitch, 1950*	Pa Baltic amber
† Filiolella Petrunkevitch, 1955a	Palaeogene
= † <i>Filiola</i> Petrunkevitch, 1942 [preoccupied]	
1133. <i>Filiolella argentata</i> (Petrunkevitch, 1942)*	Pa Baltic amber
† Heterotmarus Wunderlich, 1988	Neogene
1134. <i>Heterotmarus altus</i> Wunderlich, 1988*	Ne Dominican amber
† Komisumena Ono, 1981	Neogene
1135. <i>Komisumena rosae</i> Ono, 1981*	Ne Dominican amber
† Miothomismus Zhang, Sun & Zhang, 1994	Neogene
1136. <i>Miothomismus subnudus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1137. <i>Miothomismus sylvaticus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
Misumena Latreille, 1804a	Palaeogene – Recent
1138. <i>Misumena samlandica</i> Petrunkevitch, 1942	Pa Baltic amber
† Palaeoxysticus Wunderlich, 1985	Neogene
1139. <i>Palaeoxysticus extinctus</i> Wunderlich, 1985	Ne Randecker Maar
† Parvulus Zhang, Sun & Zhang, 1994	Neogene
1140. <i>Parvulus latissimus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
† Succinaenigma Wunderlich, 2004ap	Palaeogene
1141. <i>Succinaenigma raptor</i> Wunderlich, 2004ap*	Pa Baltic amber
† Succiniraptor Wunderlich, 2004ao	Palaeogene
1142. <i>Succiniraptor radiatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Succiniraptor paradoxus</i> Wunderlich, 2004ao*	Pa Baltic amber
Synema Simon, 1864	Palaeogene – Recent
1143. <i>Synema enigmaticum</i> Berland, 1939	Pa Aix-en-Provence
† Syphax C. L. Koch & Berendt, 1854	Palaeogene
1144. <i>Syphax asper</i> Petrunkevitch, 1950	Pa Baltic amber
1145. <i>Syphax crassipes</i> Petrunkevitch, 1942	Pa Baltic amber
1146. <i>Syphax fuliginosus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1147. <i>Syphax gracilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1148. <i>Syphax megacephalus</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
1149. <i>Syphax secedens</i> Wunderlich, 2015a	Pa Baltic amber
1150. <i>Syphax thoracicus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Thomisidites Straus, 1967	Neogene
1151. <i>Thomisidites hercynicus</i> Straus, 1967*	Ne Willershausen
† Thomisiraptor Wunderlich, 2004ap	Palaeogene

1152. <i>Thomisiraptor liedtkei</i> Wunderlich, 2004ap*	Pa Baltic amber
Thomisus Walckenaer, 1805	Palaeogene – Recent
1153. <i>Thomisiraptor liedtkei</i> Wunderlich, 2004ap*	Pa Baltic amber
1154. <i>Thomisus defossus</i> Scudder, 1890a	Pa Florissant
1155. <i>Thomisus disjunctus</i> Scudder, 1890a	Pa Florissant
1156. <i>Thomisus lividus</i> Heer, 1865	Ne Öhningen
1157. <i>Thomisus resutus</i> Scudder, 1890a	Pa Florissant
1158. <i>Thomisus sulzeri</i> Heer, 1865	Ne Öhningen
Xysticus C. L. Koch, 1835	Palaeogene – Recent
1159. ? <i>Xysticus annulipes</i> Bertkau, 1878b	Ne Rott, Germany
1160. <i>Xysticus archaeopalpus</i> Leech & Matthews, 1971	Ne Alaska
1161. <i>Xysticus oeningensis</i> (Heer, 1865)	Ne Öhningen
<i>Xysticus</i> 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
1162. <i>Prodidomus madagascariensis</i> Wunderlich, 2011c	Qt Madagascar copal
DIONYCHA Petrunkevitch, 1928	
“Thomisiformes” gen. et. sp. 1 in Marusik <i>et al.</i> (2018)	Pa Sakhalinian amber
TROCHANTERIIDAE Karsch, 1879	Palaeogene – Recent
= PLATORIDAE Simon, 1890	
† Eotrochanteria Wunderlich, 2004am	Palaeogene
1163. <i>Eotrochanteria kruegeri</i> Wunderlich, 2004am*	Pa Baltic amber
† Sosybius C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Adamator</i> Petrunkevitch, 1942	
= † <i>Adjunctor</i> Petrunkevitch, 1942	
= † <i>Adulatrix</i> Petrunkevitch, 1942	
1164. <i>Sosybius berendti</i> Wunderlich, 2004am	Pa Baltic amber
1165. <i>Sosybius decumana</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1166. <i>Sosybius falcatus</i> Wunderlich, 2004am	Pa Baltic amber
1167. <i>Sosybius fusca</i> (Petrunkevitch, 1942)	Pa Baltic amber
1168. <i>Sosybius kochi</i> Wunderlich, 2004am	Pa Baltic amber
1169. <i>Sosybius lateralis</i> Wunderlich, 2004am	Pa Baltic amber
1170. <i>Sosybius longipes</i> Wunderlich, 2004am	Pa Baltic amber
1171. <i>Sosybius major</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1172. <i>Sosybius minor</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
1173. <i>Sosybius mizgirisi</i> Wunderlich, 2004am	Pa Baltic amber
1174. <i>Sosybius parva</i> (Petrunkevitch, 1942)	Pa Baltic amber
1175. <i>Sosybius perniciosus</i> Wunderlich, 2004a	Pa Baltic amber
1176. <i>Sosybius rufa</i> (Petrunkevitch, 1942)	Pa Baltic amber

1177. <i>Sosybius similis</i> Petrunkevitch, 1942	Pa Baltic amber
1178. <i>Sosybius succineus</i> (Petrunkevitch, 1942)	Pa Baltic amber
1179. <i>Sosybius tibialis</i> Wunderlich, 2004am	Pa Baltic amber
1180. <i>Sosybius unispinosus</i> Wunderlich, 2004am	Pa Baltic amber
<i>Sosybius</i> sp. in Wunderlich (2004am, ar)	Pa Baltic / Rovno amber
† <i>Thereola</i> Petrunkevitch, 1955	Palaeogene
= † <i>Therea</i> Koch & Berendt, 1854 [preoccupied]	
1181. <i>Thereola petiolata</i> (C. L. Koch & Berendt, 1854)* [♀ = ? <i>Dasuminia</i> sp. according to Wunderlich 2004b]	Pa Baltic amber
1182. <i>Thereola pubescens</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
† <i>Trochanteridromulus</i> Wunderlich, 2004am	Palaeogene
1183. <i>Trochanteridromulus glabripes</i> Wunderlich, 2004am*	Pa Baltic amber
† <i>Trochanteridromus</i> Wunderlich, 2004am	Palaeogene
1184. <i>Trochanteridromus scutatus</i> Wunderlich, 2004am*	Pa Baltic amber
† <i>Veterator</i> Petrunkevitch, 1963	Neogene
1185. <i>Veterator angustus</i> Wunderlich, 1988	Ne Dominican amber
1186. <i>Veterator ascutum</i> Wunderlich, 1988	Ne Dominican amber
1187. <i>Veterator extinctus</i> Petrunkevitch, 1963*	Ne Chiapas amber
1188. <i>Veterator incompletus</i> Wunderlich, 1982	Ne Dominican amber
1189. <i>Veterator longipes</i> Wunderlich, 1988	Ne Dominican amber
1190. <i>Veterator loricatus</i> Wunderlich, 1988	Ne Dominican amber
1191. <i>Veterator porrectus</i> Wunderlich, 1988	Ne Dominican amber
1192. <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 <i>sensu stricto</i> . We follow this in part for the two genera below, but would prefer a more formal treatment before accepting all these transfers. In general the delimitation of even modern clubionids, and related forms, is problematic.	
† <i>Concursator</i> Petrunkevitch, 1958	Palaeogene
1193. <i>Concursator nudipes</i> Petrunkevitch, 1958*	Pa Baltic amber
† <i>Systariella</i> Wunderlich, 2004af	Palaeogene
1194. <i>Systariella magnioculi</i> Wunderlich, 2004af*	Pa Baltic amber
 CLUBIONIDAE Simon, 1895	
Clubionidae gen. et sp. in Nishikawa (1974)	Qt Mizunami copal
<i>Clubiona</i> Latreille, 1804a	
1195. <i>Clubiona arcana</i> Scudder, 1890a	Pa Florissant
1196. <i>Clubiona attenuata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1197. <i>Clubiona curvispinosa</i> Petrunkevitch, 1922	Pa Florissant
1198. <i>Clubiona florissanti</i> Petrunkevitch, 1922	Pa Florissant

1199. <i>Clubiona lanata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1200. <i>Clubiona microphthalma</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1201. <i>Clubiona pubescens</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1202. <i>Clubiona sericea</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1203. <i>Clubiona tomentosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Desultor Petrunkevitch, 1942	Palaeogene
1204. <i>Desultor depressus</i> Petrunkevitch, 1942	Pa Baltic amber
Elaver O. P.-Cambridge, 1898	Neogene – Recent
1205. <i>Elaver nutua</i> (Wunderlich, 1988)	Ne Dominican amber
† Eobumbatrix Petrunkevitch, 1922	Palaeogene
1206. <i>Eobumbatrix latebrosa</i> (Scudder, 1890a)*	Pa Florissant
† Eodoter Petrunkevitch, 1958	Palaeogene
1207. <i>Eodoter eopala</i> Wunderlich, 2004af	Pa Baltic amber
1208. <i>Eodoter lonimammillae</i> Wunderlich, 2012c	Pa Baltic amber
1209. <i>Eodoter magnificus</i> Petrunkevitch, 1958*	Pa Baltic amber
1210. <i>Eodoter scutatus</i> Wunderlich, 2011d	Pa Baltic amber
1211. ? <i>Eodoter tibialis</i> Wunderlich, 2011d	Pa Baltic amber
† Eostentatrix Petrunkevitch, 1922	Palaeogene
1212. <i>Eostentatrix cockerelli</i> Petrunkevitch, 1922	Pa Florissant
1213. <i>Eostentatrix ostentata</i> (Scudder, 1890a)*	Pa Florissant
† Eoversatrix Petrunkevitch, 1922	Palaeogene
1214. <i>Eoversatrix eversa</i> (Scudder, 1890a)*	Pa Florissant
† Machilla Petrunkevitch, 1958 [family uncertain]	Palaeogene
1215. <i>Machilla setosa</i> Petrunkevitch, 1958*	Pa Baltic amber
† Massula Petrunkevitch, 1942 [family uncertain]	Palaeogene
1216. <i>Massula klebsi</i> Petrunkevitch, 1942*	Pa Baltic amber
† Prosocer Petrunkevitch, 1963	Neogene
1217. <i>Prosocer mollis</i> Petrunkevitch, 1963*	Ne Chiapas amber
Clubionidae incertae sedis	
† Chiapasona Petrunkevitch, 1963	Neogene
1218. <i>Chiapasona defuncta</i> Petrunkevitch, 1963*	Ne Chiapas amber
ANYPHAENIDAE Bertkau, 1878a	Palaeogene – Recent
= AMAUROBIOIDIDAE Hickman, 1949	
Anyphaena Sundevall, 1833	Palaeogene – Recent
1219. ' <i>Anyphaena fuscata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
Anyphaenoides Berland, 1913	Neogene – Recent
1220. <i>Anyphaenoides bulla</i> (Wunderlich, 1988)	Ne Dominican amber
Lupettiana Brescovit, 1997	Neogene – Recent
1221. <i>Lupettiana ligula</i> (Wunderlich, 1988)	Ne Dominican amber
Wulfila O. P.-Cambridge, 1895	Neogene – Recent

1222. <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
1223. <i>Apostenus arnoldorum</i> Wunderlich, 2004ag	Pa Baltic amber
1224. <i>Apostenus bigibber</i> Wunderlich, 2004ag	Pa Baltic / Bitt. amber
1225. <i>Apostenus spinimanus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Donuea Strand, 1932	Quaternary – Recent
1226. <i>Donuea collustrata</i> Bosselaers & Dierick, 2010 [Recent]	Qt – R Madagascar
† Palaeospinisoma Wunderlich, 2004ag	Palaeogene
1227. <i>Palaeospinisoma femoralis</i> Wunderlich, 2004ag*	Pa Baltic amber
TRACHELIDAE Simon, 1897	Neogene – Recent
Trachelas L. Koch, 1872	Neogene
1228. <i>Trachelas poinari</i> Penney, 2001	Ne Dominican amber
CITHAERONIDAE Simon, 1893	Recent
no fossil record	
PHRUROLITHIDAE Banks, 1892	Palaeogene – Recent
Phrurolithus C. L. Koch, 1839b	Palaeogene – Recent
1229. <i>Phrurolithus extinctus</i> Petrunkevitch, 1958	Pa Baltic amber
1230. <i>Phrurolithus fossilis</i> Petrunkevitch, 1958	Pa Baltic amber
1231. <i>Phrurolithus ipseni</i> Petrunkevitch, 1958	Pa Baltic amber
† EPHALMATORIDAE Petrunkevitch, 1950	Palaeogene
† Ephalmator Petrunkevitch, 1950	Palaeogene
1232. <i>Ephalmator bitterfeldensis</i> Wunderlich, 2004ad	Pa Bitterfeld amber
1233. <i>Ephalmator calidus</i> Wunderlich, 2004ad	Pa Baltic amber
1234. <i>Ephalmator debilis</i> Wunderlich, 2004ad	Pa Baltic amber
1235. <i>Ephalmator distinctus</i> Wunderlich, 2004ad	Pa Baltic amber
1236. <i>Ephalmator ellwangeri</i> Wunderlich, 2004ad	Pa Baltic amber
1237. ? <i>Ephalmator eximius</i> Petrunkevitch, 1958	Pa Baltic amber
1238. <i>Ephalmator fossilis</i> Petrunkevitch, 1950*	Pa Baltic amber
1239. <i>Ephalmator kerneggeri</i> Wunderlich, 2004ad	Pa Baltic amber
1240. <i>Ephalmator petrunkevitchi</i> Wunderlich, 2004ad	Pa Baltic amber
1241. <i>Ephalmator ruthildae</i> Wunderlich, 2004ad	Pa Baltic amber
1242. <i>Ephalmator tredecim</i> Wunderlich, 2012c	Pa Baltic amber

1243. <i>Ephalmator trudis</i> Wunderlich, 2004 <i>ad</i>	Pa Baltic amber
1244. <i>Ephalmator turpiculus</i> Wunderlich, 2004 <i>ad</i>	Pa Baltic amber
<i>Ephalmator</i> sp. in Wunderlich (2004 <i>ad</i>)	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
1245. <i>Captrix lineata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
Drassodes Westring, 1851	Palaeogene – Recent
1246. <i>Drassodes cupreus</i> (Blackwall, 1834 <i>a</i>) [Recent]	Qt England
1247. ? <i>Drassodes femurus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
1248. ? <i>Drassodes sextii</i> Berland, 1939	Pa Aix-en-Provence
† Drassyllinus Wunderlich, 1988	Neogene
1249. <i>Drassyllinus aliter</i> Wunderlich, 1988*	Ne Dominican amber
† Eognaphosops Wunderlich, 2011<i>b</i>	Palaeogene
1250. <i>Eognaphosops cryptoplanoides</i> Wunderlich 2011 <i>b</i> *	Pa Baltic amber
† Eomactator Petrunkevitch, 1958	Palaeogene
1251. <i>Eomactator hamatus</i> Wunderlich, 2011 <i>b</i>	Pa Baltic amber
1252. <i>Eomactator hirsutipes</i> Wunderlich, 2011 <i>b</i>	Pa Baltic amber
1253. <i>Eomactator mactatus</i> Petrunkevitch, 1958*	Pa Baltic amber
1254. <i>Eomactator obscurior</i> Wunderlich, 2011 <i>b</i>	Pa Baltic amber
Gnaphosa Latreille, 1804<i>a</i>	?Cretaceous – Recent
1255. <i>Gnaphosa affinis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Philodromus dubius</i> C. L. Koch & Berendt, 1854	
1256. <i>Gnaphosa ambigua</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1257. <i>Gnaphosa liaoningensis</i> Chang, 2004 [generic assignment unreliable!]K	Jehol biota
Micaria Westring, 1851	Palaeogene – Recent
1258. <i>Micaria procera</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1259. <i>Micaria tenella</i> Heer, 1865	Ne Öhningen
† Palaeodrassus Petrunkevitch, 1922	Palaeogene
1260. <i>Palaeodrassus cockerelli</i> Petrunkevitch, 1922	Pa Florissant
1261. <i>Palaeodrassus florissanti</i> Petrunkevitch, 1922	Pa Florissant
1262. <i>Palaeodrassus hesternus</i> (Scudder, 1890 <i>a</i>)	Pa Florissant
1263. <i>Palaeodrassus ingenuus</i> (Scudder, 1890 <i>a</i>)*	Pa Florissant
1264. <i>Palaeodrassus interitus</i> (Scudder, 1890 <i>a</i>)	Pa Florissant
Scopoides Platnick, 1989	Palaeogene – Recent

1265. <i>Scopoides dominicanus</i> Wunderlich, 2011g	Ne Dominican amber
Zelotes Gistel, 1848	Palaeogene
1266. <i>Zelotes concinna</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1267. <i>Zelotes mundula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic ambe
i. = <i>Melanophora nobilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1268. <i>Zelotes regalis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Zelotetis Wunderlich, 2011b	Palaeogene
1269. <i>Zelotetis calefacta</i> 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
= † <i>Abligurator</i> Petrunkevitch, 1942	
1270. <i>Ablator biguttatus</i> Wunderlich, 2004ah	Pa Baltic amber
1271. <i>Ablator curvatus</i> Wunderlich, 2004ah	Pa Baltic amber
1272. <i>Ablator deminuens</i> Wunderlich, 2004ah	Pa Baltic amber
1273. <i>Ablator depressus</i> Wunderlich, 2004ah	Pa Baltic amber
1274. <i>Ablator duomammillae</i> Wunderlich, 2004ah	Pa Baltic amber
1275. <i>Ablator felix</i> (Petrunkevitch, 1958)	Pa Baltic amber
1276. <i>Ablator inevolvens</i> Wunderlich, 2004ah	Pa Baltic amber
1277. <i>Ablator longus</i> Wunderlich, 2004ah	Pa Baltic amber
1278. <i>Ablator nonguttatus</i> Wunderlich, 2004ah	Pa Baltic amber
1279. <i>Ablator parvus</i> Wunderlich, 2004ah	Pa Baltic amber
1280. <i>Ablator plumosus</i> (Petrunkevitch, 1950)	Pa Baltic amber
1281. <i>Ablator robustus</i> Wunderlich, 2004ah	Pa Baltic amber
1282. <i>Ablator scutatus</i> Wunderlich, 2004ah	Pa Baltic amber
1283. <i>Ablator splendens</i> Wunderlich, 2004ah	Pa Baltic amber
1284. <i>Ablator triguttatus</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic ambe
i. = <i>Philodromus microcephalus</i> C. L. Koch & Berendt,	
1854	Pa Baltic amber
ii. = <i>Philodromus squamiger</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
iii. = <i>Abligurator niger</i> Petrunkevitch, 1942	Pa Baltic amber
† Alterphrurolithus Wunderlich, 2004ah	Palaeogene
1285. <i>Alterphrurolithus longipes</i> Wunderlich, 2004ah	Pa Baltic amber
Castianeira Keyserling, 1880b	Neogene – Recent
1286. <i>Castianeira tenebricosa</i> Wunderlich, 1988	Ne Dominican amber
† Chemmisomma Wunderlich, 1988	Neogene
1287. <i>Chemmisomma dubia</i> Wunderlich, 1988*	Ne Dominican amber
Corinna C. L. Koch, 1842a	Neogene – Recent

1288. <i>Corinna flagelliformis</i> Wunderlich, 1988	Ne Dominican amber
† Cornucymbium Wunderlich, 2004ah	Palaeogene
1289. <i>Cornucymbium insolens</i> Wunderlich, 2004ah*	Pa Baltic amber
† Cryptoplanus Petrunkevitch, 1958	Palaeogene
1290. <i>Cryptoplanus bulbosus</i> Wunderlich, 2004ah	Pa Baltic amber
1291. <i>Cryptoplanus complicatus</i> Wunderlich, 2004ah	Pa Baltic amber
1292. <i>Cryptoplanus incidens</i> Wunderlich, 2004ah	Pa Baltic amber
1293. <i>Cryptoplanus lanatus</i> (Petrunkevitch, 1958)	Pa Baltic amber
1294. <i>Cryptoplanus paradoxus</i> Petrunkevitch, 1958*	Pa Baltic amber
1295. <i>Cryptoplanus sericatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1296. <i>Cryptoplanus sinuosus</i> Wunderlich, 2004ah	Pa Baltic amber
<i>Cryptoplanus</i> sp. in Wunderlich (2004ah)	Pa Baltic amber
† Eomazax Petrunkevitch, 1958	Palaeogene
1297. <i>Eomazax pulcher</i> Petrunkevitch, 1958*	Pa Baltic amber
Megalostrata Karsch, 1880a	Neogene – Recent
1298. <i>Megalostrata grandis</i> Wunderlich, 1988	Ne Dominican amber
† Myrmecorinna Wunderlich, 2004ah	Palaeogene
1299. <i>Myrmecorinna gracilis</i> Wunderlich, 2004ah*	Pa Baltic amber
† Palpiraptor Wunderlich, 2011f	Quaternary
1300. <i>Palpiraptor myrmarachnoides</i> Wunderlich, 2011f*	Qt Madagascar copal
† Protoorthobula Wunderlich, 2004ah	Palaeogene
1301. <i>Protoorthobula bifida</i> Wunderlich, 2004ah*	Pa Baltic amber
1302. <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
1303. <i>Garcorops jadis</i> Bosselaers, 2004	Qt Madagascar copal
i. = ? <i>Anyphops cortex</i> Wunderlich, 2004as	Qt Madagascar copal
Selenops Latreille, 1819	Palaeogene – Recent
1304. <i>Selenops benoiti</i> Wunderlich, 2004as	Qt Madagascar copal
1305. <i>Selenops beynai</i> Schawaller, 1984	Ne Dominican amber
1306. <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
1307. <i>Zorapostenus raveni</i> Wunderlich, 2008c	Pa Baltic amber
EUTICHURIDAE Lehtinen, 1967	Recent
= CHEIRACANTHIDAE Wagner, 1887	
Strotarchus Simon, 1888	Neogene – Recent
= † <i>Mimeutychurus</i> Petrunkevitch, 1963 [tentative synonymy]	
1308. <i>Strotarchus heidti</i> Wunderlich, 1988	Ne Dominican amber
1309. <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)	Ne Baltic amber
† Cretadromus Cheng, Shen & Gao, 2009	Cretaceous
1310. <i>Cretadromus liaoningensis</i> Cheng, Shen & Gao, 2009	K Liaoning Province
NB: Wunderlich (2012d) suggested this could be a Theridosomatidae	
† Eothanatus Petrunkevitch, 1950	Palaeogene – Recent
1311. <i>Eothanatus diritatis</i> Petrunkevitch, 1950*	Pa Baltic amber
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
1312. <i>Almolinus bitterfeldensis</i> Wunderlich, 2004aq	Pa Bitterfeld amber
1313. <i>Almolinus clarus</i> Petrunkevitch, 1958*	Pa Baltic amber
1314. <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
1315. <i>Attoides eresiformis</i> Brongniart, 1877	Pa Aix-en-Provence
† Calilinus Wunderlich, 2004aq	Palaeogene
1316. <i>Calilinus fleissneri</i> Wunderlich, 2004aq*	Pa Baltic amber
† Cenattus Petrunkevitch, 1942	Palaeogene
1317. <i>Cenattus exophthalmicus</i> Petrunkevitch, 1942*	Pa Baltic amber
Corythalia C. L. Koch, 1851	Neogene – Recent
1318. <i>Corythalia ocululiter</i> Wunderlich, 1988	Ne Dominican amber
1319. <i>Corythalia pilosa</i> Wunderlich, 1982	Ne Dominican amber
1320. <i>Corythalia scissa</i> Wunderlich, 1988	Ne Dominican amber
† Descangeles Wunderlich, 1988	Neogene
1321. <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. in Wunderlich (1988)	Ne Dominican amber
† <i>Distanilinus</i> Wunderlich, 2004aq	Palaeogene
1322. <i>Distanilinus filum</i> Wunderlich, 2004aq	Pa Baltic amber
1323. <i>Distanilinus nutus</i> Wunderlich, 2004aq*	Pa Baltic amber
1324. <i>Distanilinus paranutus</i> Wunderlich, 2004aq	Pa Baltic amber
1325. <i>Distanilinus pernutus</i> Wunderlich, 2004aq	Pa Baltic amber
† <i>Eoattopsis</i> Gourret, 1887	Palaeogene
1326. <i>Eoattopsis hirsutus</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Eolinus</i> Petrunkevitch, 1942	Palaeogene
1327. <i>Eolinus balticus</i> Žabka, 1988	Pa Baltic amber
1328. <i>Eolinus fungus</i> Wunderlich, 2004aq	Pa Baltic amber
1329. <i>Eolinus insuriens</i> Wunderlich, 2004aq	Pa Baltic amber
1330. <i>Eolinus prominens</i> Wunderlich, 2004aq	Pa Baltic amber
1331. <i>Eolinus samlandica</i> Wunderlich, 2004aq	Pa Baltic amber
1332. <i>Eolinus succineus</i> Petrunkevitch, 1942*	Pa Baltic amber
1333. <i>Eolinus theryi</i> Petrunkevitch, 1942	Pa Baltic amber
1334. <i>Eolinus theryoides</i> Wunderlich, 2004aq	Pa Baltic amber
1335. <i>Eolinus tystschenkoi</i> Proszynski & Žabka, 1980	Pa Baltic amber
1336. <i>Eolinus vates</i> Wunderlich, 2004aq	Pa Baltic amber
<i>Eolinus</i> sp. in Wunderlich (2004aq)	Pa Baltic amber
<i>Euophrys</i> C. L. Koch, 1834	Palaeogene – Recent
1337. <i>Euophrys gibberula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1338. <i>Euophrys randeckensis</i> Schawaller & Ono, 1979	Ne Randecker Maar
† <i>Evagoratus</i> Zhang, Sun & Zhang, 1994	Neogene
1339. <i>Evagoratus longicuris</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
<i>Galianora</i> Maddison, 2006	Neogene
1340. <i>Galianora marcoi</i> García-Villafuerte, 2018	Ne Chiapas amber
† <i>Gorgopsidis</i> Wunderlich, 2004aq	Palaeogene
1341. <i>Gorgopsidis bechlyi</i> Wunderlich, 2004aq*	Pa Baltic amber
† <i>Gorgopsina</i> Petrunkevitch, 1955a	Palaeogene – Neogene
1342. <i>Gorgopsina amabilis</i> Wunderlich, 2004aq	Pa Baltic amber
1343. <i>Gorgopsina constricta</i> Wunderlich, 2004aq	Pa Baltic amber
1344. <i>Gorgopsina expandens</i> Wunderlich, 2004aq	Pa Baltic amber
1345. ' <i>Gorgopsina</i> ' <i>fasciata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1346. <i>Gorgopsina flexuosa</i> Wunderlich, 2004aq	Pa Baltic amber
1347. <i>Gorgopsina formosa</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1348. <i>Gorgopsina fractura</i> Wunderlich, 2004ar	Pa Rovno amber
1349. <i>Gorgopsina frenata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
1350. <i>Gorgopsina inclusa</i> Wunderlich, 2004aq	Pa Baltic amber
1351. <i>Gorgopsina jucunda</i> (Petrunkevitch, 1942)	Pa Baltic amber

1352. <i>Gorgopsina marginata</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
1353. <i>Gorgopsina melanocephala</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
1354. <i>Gorgopsina naumanni</i> Giebel, 1856	Pa	Baltic amber
1355. <i>Gorgopsina paulula</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
1356. <i>Gorgopsina rectangularis</i> Wunderlich, 2011 <i>h</i>	Pa	Baltic amber
1357. ? <i>Gorgopsina scharffi</i> Wunderlich, 2017 <i>d</i>	Ne	Ethiopian amber
1358. <i>Gorgopsina speciosa</i> Wunderlich, 2004 <i>aq</i>	Pa	Baltic amber
Heliophanus C. L. Koch, 1833		Palaeogene – Recent
1359. <i>Heliophanus extinctus</i> Berland, 1939	Pa	Aix-en-Provence
Hyllus C. L. Koch, 1846		Quaternary – Recent
= † <i>Parevophrys</i> Petrunkevitch, 1942		
1360. <i>Hyllus succini</i> (Petrunkevitch, 1942)	Qt	Copal
NB: Originally described as Baltic amber		
Lyssomanes Hentz, 1845		Neogene – Recent
1361. <i>Lyssomanes pristinus</i> Wunderlich, 1986	Ne	Dominican amber
i. = <i>Lyssomanes galianoae</i> Reiskind, 1989	Ne	Dominican amber
1362. <i>Lyssomanes pulcher</i> Wunderlich, 1988	Ne	Dominican amber
Maevia C. L. Koch, 1846		?Neogene – Recent
1363. <i>Maevia eureka</i> Riquelme & Menéndez-Acuña, 2017	Ne	Chiapas amber
† Microlinus Wunderlich, 2004<i>aq</i>		Palaeogene
1364. <i>Microlinus calidus</i> Wunderlich, 2004 <i>aq</i>	Pa	Baltic amber
1365. <i>Microlinus folium</i> Wunderlich, 2004 <i>aq</i> *	Pa	Baltic amber
Myrmarachne MacLeay, 1839		Quaternary – Recent
= † <i>Entomocephalus</i> Holl, 1829 [suppressed; see ICZN Opinion 2258]		
1366. <i>Myrmarachne formicoides</i> (Holl, 1829)	?Qt	Copal [?not amber]
Neon Simon, 1876<i>a</i>		Quaternary – Recent
1367. <i>Neon ?reticulatus</i> (Blackwall, 1853) [Recent]	Qt	England
Nilakantha Peckham & Peckham, 1901		Neogene – Recent
1368. <i>Nilakantha beugelorum</i> (Wolff, 1990)	Ne	Dominican amber
† Paralinus Petrunkevitch, 1942		Palaeogene
1369. <i>Paralinus crosbyi</i> Petrunkevitch, 1942*	Pa	Baltic amber
† Pensacolatus Wunderlich, 1988		Neogene
1370. <i>Pensacolatus coxalis</i> Wunderlich, 1988*	Ne	Dominican amber
1371. <i>Pensacolatus spinipes</i> Wunderlich, 1988	Ne	Dominican amber
1372. ? <i>Pensacolatus tibialis</i> Wunderlich, 2004 <i>aq</i>	Ne	Dominican amber
<i>Pensacolatus</i> sp. in Wunderlich (1988)	Ne	Dominican amber
Phidippus C. L. Koch, 1846		Palaeogene
1373. <i>Phidippus impressus</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
1374. <i>Phidippus pusillus</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
† Phlegrata Wunderlich, 1988		Neogene
1375. <i>Phlegrata pala</i> Wunderlich, 1988*	Ne	Dominican amber

- † ***Prolinus* Petrunkevitch, 1958** **Palaeogene**
 1376. *Prolinus fossilis* Petrunkevitch, 1958* Pa Baltic amber
- † ***Salticidites* Straus, 1967** **Neogene**
 1377. *Salticidites hercynicus* Straus 1967* Ne Willershausen
- Sarinda* Peckham & Peckham, 1892** **Neogene – Recent**
 ?*Sarinda* sp. in Wunderlich (2004aq) Ne Dominican amber
- † ***Steneattus* Bronn, 1856** **Palaeogene**
 = † *Leda* C. L. Koch & Berendt, 1854 [preoccupied]
 1378. *Steneattus promissa* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
- Araneomorphae incertae sedis**
- † ***Elvina* Thorell, 1870b** **Neogene**
 1379. *Elvina antiqua* (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**
 1380. *Amphiclotho breviscula* Gourret, 1887* Pa Aix-en-Provence
- † ***Amphithomismus* Gourret, 1887** **Palaeogene**
 1381. *Amphithomismus barbatus* Gourret, 1887* Pa Aix-en-Provence
- † ***Atocatle* Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?] **Cretaceous**
 1382. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998* K Puebla, México
- † ***Cercidiella* Gourret, 1887** **Palaeogene**
 1383. *Cercidiella aquisextana* Gourret, 1887* Pa Aix-en-Provence
- † ***Clubionella* Gourret, 1887** **Palaeogene**
 1384. *Clubionella antiqua* Gourret, 1887* Pa Aix-en-Provence
- † ***Eresoides* Gourret, 1887** **Palaeogene**
 1385. *Eresoides orbicularis* Gourret, 1887* Pa Aix-en-Provence
- † ***Hersilioides* Gourret, 1887** **Palaeogene**
 1386. *Hersilioides thanatiformis* Gourret, 1887* Pa Aix-en-Provence
- † ***Opisthophylax* Menge, 1856** **Palaeogene**
 1387. *Opisthophylax exarata* Menge, 1856* Pa Baltic amber
- † ***Prodysdera* Gourret, 1887** **Palaeogene**
 1388. *Prodysdera intermedia* Gourret, 1887* Pa Aix-en-Provence
- † ***Protochersis* Gourret, 1887** **Palaeogene**
 1389. *Protochersis spinosus* Gourret, 1887* Pa Aix-en-Provence
- † ***Protolachesis* Gourret, 1887** **Palaeogene**
 1390. *Protolachesis annulata* Gourret, 1887* Pa Aix-en-Provence
- † ***Paralycosa* Dunlop & Jekel, 2009** **Palaeogene**
 = † *Protolycosa* Gourret, 1887 [preoccupied]
 1391. *Paralycosa attiformis* (Gourret, 1887)* Pa Aix-en-Provence
- † ***Pseudothomismus* Gourret, 1887** **Palaeogene**

1392. *Pseudothomisus articulatus* Gourret, 1887* Pa Aix-en-Provence
 † **Schellenbergia** Heer, 1865 **Neogene**
 1393. *Schellenbergia rotundata* Heer, 1865* Ne Öhningen
 † **Timeropus** Thorell, 1891 **Palaeogene**
 = † *Lycosoides* Gourret, 1887 [preoccupied]
 1394. *Timeropus hersiliformis* (Gourret, 1887)* Pa Aix-en-Provence

NOMINA DUBIA

Amaurobius C. L. Koch, 1837 [no currently valid fossil species]

1. *Amaurobius faustus* C. L. Koch & Berendt, 1854 Pa Baltic amber
 2. *Amaurobius rimosus* C. L. Koch & Berendt, 1854 Pa Baltic amber

Auximus Simon, 1892 [now *Lathys* Simon, 1884: Dictynidae; no currently valid fossil species]

3. *Auximus fossilis* Petrunkevitch, 1950 Pa Baltic amber
 4. *Auximus succini* Petrunkevitch, 1942 Pa Baltic amber

† **Clythia** C. L. Koch & Berendt, 1854 (*nomen dubium*) **Palaeogene**

5. *Clythia alma* C. L. Koch & Berendt, 1854* Pa Baltic amber

† **Corynitoides** Dunlop & Jekel, 2009 (*nomen dubium*) **Palaeogene**

= † *Corynitis* Menge in C. L. Koch & Berendt, 1854 [preoccupied]

6. *Corynitoides spinosa* (Menge in C. L. Koch & Berendt, 1854)* Pa Baltic amber
 7. *Corynitoides undulata* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber

† **Eocryphoea** Petrunkevitch, 1958 [also contains valid fossil species]

8. *Eocryphoea distincta* Petrunkevitch, 1950 Pa Baltic amber
 9. *Eocryphoea fossilis* (Petrunkevitch, 1942) Pa Baltic amber

† **Eometa** Petrunkevitch, 1958 [also contains valid fossil species]

10. *Eometa aberrans* Petrunkevitch, 1958 Pa Baltic amber
 11. *Eometa robusta* Petrunkevitch, 1958 Pa Baltic amber

Ero C. L. Koch 1836 [also contains valid fossil species]

12. *Ero setulosa* C. L. Koch & Berendt, 1854 Pa Baltic amber

† **Fictotama** Petrunkevitch, 1963 (*nomen dubium*) **Palaeogene**

13. *Fictotama extincta* Petrunkevitch, 1963* Ne Chiapas amber

† **Memoratrix** Petrunkevitch, 1942 (*nomen dubium*) **Palaeogene**

NB: Regarded by Wunderlich (2004p) as a possible pimoid or linyphiid

14. *Memoratrix rydei* Petrunkevitch, 1942 Pa Baltic amber

† **Mimetarchaea** Eskov, 1992 **Palaeogene**

15. *Mimetarchaea gintaras* Eskov, 1992* Pa Baltic amber

NB: Name based on a subadult male

† **Miropholcus** Petrunkevitch, 1942 (*nomen dubium*) **Palaeogene**

= † *Micropholcus* Petrunkevitch, 1942 [*lapsus*]

16. *Miropholcus heteropus* Petrunkevitch, 1942* Pa Baltic amber

† **Perturbator** Petrunkevitch, 1971 (*nomen dubium*) **Neogene**

17. *Perturbator corniger* Petrunkevitch, 1971* Ne Chiapas amber

- † **Phalangopus Menge in C. L. Koch & Berendt, 1854 (*nomen dubium*)** Palaeogene
18. *Phalangopus subtilis* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- † **Præoarces Wunderlich, 2004q** Palaeogene
19. *Præoarces exitus* Wunderlich, 2004q* Pa Baltic amber
- Segestria Latreille, 1804** [also contains valid fossil species]
20. *Segestria elongata* C. L. Koch & Berendt, 1854 Pa Baltic amber
21. *Segestria nana* C. L. Koch & Berendt, 1854 Pa Baltic amber
- NOMINA NUDA**
- Amaurobius C. L. Koch, 1837** [no currently valid fossil species]
1. *Amaurobius spinimanus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
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 incomta* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
7. *Archaea sphinx* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Athera Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** Palaeogene
8. *Athera exilis* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Attus Walckenaer, 1805** [now *Salticus* Latreille, 1804; no currently valid fossil species]
9. *Attus fossilis* Walckenaer, 1837 Pa Baltic amber
- Clubiona Latreille, 1804** [also contains valid fossil species]
10. *Clubiona eseri* Heer, 1865 Ne Öhningen
11. *Clubiona latifrons* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
12. *Clubiona parvula* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
13. *Clubiona pilosa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Clythia C. L. Koch & Berendt, 1854** [also contains a *nomen dubium* fossil species]
14. *Clythia funestra* Koch & Berendt, 1854 Pa Baltic amber
15. *Clythia gracilentata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
16. *Clythia leptocarena* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Dielacata Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** Palaeogene
17. *Dielacata superba* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Drassus Walckenaer, 1805** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
18. *Drassus oblongus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Dysdera Latreille, 1804** [also contains valid fossil species]
19. *Dysdera hippopodium* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
20. *Dysdera glabrata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

21. *Dysdera scobiculata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
22. *Dysdera tenera* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Eolinus Petrunkevitch, 1942** [also contains valid fossil species]
23. *Eolinus bitterfeldensis* Wunderlich, 2004aq Pa Baltic amber
24. *Eolinus tystschenkoides* Wunderlich, 2004aq Pa Baltic amber
- Epeira Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
25. *Epeira eocaenica* Giebel, 1856 Pa Baltic amber
26. *Epeira eocena* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Epeiridion Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
27. *Epeiridion femoratum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Erithus Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
28. *Erithus applanatus* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Ero C. L. Koch & Berendt, 1836** [also contains valid fossil species]
29. *Ero coronata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
30. *Ero exculpta* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
31. *Ero sphaerica* C. L. Koch & Berendt, 1854 Pa Baltic amber
32. *Ero quadripunctata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Eyukselus Özdikmen, 2007 (*nomen nudum*)** **Palaeogene**
- = † *Propetes* Menge, 1854 [preoccupied]
33. *Eyukselus argutus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
34. *Eyukselus felinus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
35. *Eyukselus griseus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
36. *Eyukselus latifrons* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
37. *Eyukselus pumilus* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
- Gea C. L. Koch, 1843** [also contains valid fossil species]
38. *Gea pubescens* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Heteromma Menge, 1856 (*nomen nudum*)** **Palaeogene**
39. *Heteromma intersecta* Menge, 1856* Pa Baltic amber
- † **Idmonia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
40. *Idmonia virginea* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Melanophora C. L. Koch, 1833** [now *Zelotes* Gistel, 1848; which also contains valid fossil species]
41. *Melanophora lepida* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
42. *Melanophora nitida* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Micaria Westring, 1851** [also contains valid fossil species]
43. *Micaria ovata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
44. *Micaria squamata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
45. *Micaria tenuis* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Micryphantes C. L. Koch, 1833** [also contains valid fossil species]
46. *Micryphantes globulus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
47. *Micryphantes turritus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Mizalia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
48. *Mizalia truncata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

- † **Ocia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
49. *Ocia hirsuta* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Ocypete C. L. Koch, 1836** [now *Heteropoda* Latreille, 1804; which also contains valid fossil species]
50. *Ocypete angustifrons* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
51. *Ocypete marginata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Onca Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
52. *Onca lepida* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
53. *Onca pumila* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Philodromus Walckenaer, 1826** [also contains valid fossil species]
54. *Philodromus griseus* Menge, 1856 Pa Baltic amber
55. *Philodromus marginatus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
56. *Philodromus reptans* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
57. *Philodromus redogradus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
58. *Philodromus spinipes* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Pythonissa C. L. Koch, 1837** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
59. *Pythonissa bipunctata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
60. *Pythonissa discophora* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
61. *Pythonissa glabra* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
62. *Pythonissa villosa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Segestria Latreille, 1804** [also contains valid fossil species]
63. *Segestria exarata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
64. *Segestria sulcata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
65. *Segestria undulata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Siga Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
66. *Siga crinita* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- † **Spheconia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** **Palaeogene**
67. *Spheconia brevipes* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- † **Syphax C. L. Koch & Berendt, 1854** [also contains valid fossil species]
68. *Syphax hirtus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Theridium Walckenaer, 1805** [now *Theridion* Walckenaer, 1805; which also contains valid fossil species]
69. *Theridium bifurcum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
70. *Theridium chorius* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
71. *Theridium clavigerum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
72. *Theridium crassipes* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
73. *Theridium setulosum* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Thomisus Walckenaer, 1805** [also contains valid fossil species]
74. *Thomisus matutinus* Menge, 1856 Pa Baltic amber
- † **Thyelia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
75. *Thyelia mengei* Giebel, 1856 Pa Baltic amber
76. *Thyelia pectinata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
77. *Thyelia spinosa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **Zilla C. L. Koch & Berendt, 1834** [also contains valid fossil species]

78. *Zilla cornumana* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
 79. *Zilla spinipalpa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

MISIDENTIFICATIONS

Aranea Clerck, 1757 [now *Araneus* Clerck, 1757; which also contains valid fossil species]

1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] Qt Copal
 † **Araneaovoius Dunlop & Braddy, 2011 [ichnogenus]** **Palaeogene**
 2. *Araneaovoius columbiae* (Scudder 1878)* [fossil egg sac] Pa Canada / USA
 † **Archaeometa Pocock, 1911** **?Devonian**
 3. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] D Alken an der Mosel
 † **Eopholcus Frič, 1904** **Carboniferous**
 4. *Eopholcus pedatus* Frič, 1904* [not identified] C Nýřany
 † **Oichnus Bromley 1981 [ichnogenus]** **Palaeogene**
 5. *Oichnus bavincourti* (Vaillant, 1909) [at one stage placed in *Cteniza*] Pa Northern France
 † **Palpipes Roth, 1854** **Jurassic**
 6. *Palpipes cursor* Roth, 1854 [crustacean] J Solnhofen
 † **Palaeocteniza Hirst, 1923** **Devonian**
 7. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] D Rhyne chert
 † **Pleurolycosa Frič, 1904** **Carboniferous**
 8. *Pleurolycosa prolifera* (Frič, 1901)* [unidentifiable] C Nýřany

47,118 Recent species according to the WSC (2018)

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 prendinii</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

136 Recent species according to Harvey (2003)

UROPYGI

9 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	
Thelyphonida sp. <i>in</i> Selden <i>et al.</i> 2014	C Donets Basin
plesion genera	
† Geralinura 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
† Parageralinura 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
† Proschizomus Dunlop & Horrocks, 1996	Carboniferous
6. <i>Proschizomus petrunkevitchi</i> Dunlop & Horrocks, 1996	C Coseley
† Prothelyphonus 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
† Burmathelyphonia Wunderlich, 2015c	Cretaceous
8. <i>Burmathelyphonia prima</i> Wunderlich, 2015c*	K Burmese amber
† Mesoproctus 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
MISIDENTIFICATIONS	
1. <i>Thelyphonus hadleyi</i> Pierce, 1945 [unidentifiable, ?algal]	Ne California

111 Recent species according to Clouse *et al.* (2017)

SCHIZOMIDA

6 currently valid species

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

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

305 Recent species according to Clouse *et al.* (2017)

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