

A summary list of fossil spiders and their relatives

compiled by

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INTRODUCTION

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

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

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

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

PRINCIPAL CHANGES SINCE THE LAST UPDATE

A handful of new fossil arachnids and their relatives have been described since the last version, including some eurypterids, an opilioacarid mite, a trigonotarbida, a theridosomatid spider and some schizomids. There have also been some changes to the family structure of the Euryperida and Trigonotarbida.

ACKNOWLEDGMENTS

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EXPLANATIONS

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

Stratigraphical abbreviations:

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

D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

PYCNOGONIDA

9 currently valid species of fossil sea spider

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

PYCNOGONIDA Latreille, 1810 Cambrian – Recent

- † *Cambropycnogon* Waloszek & Dunlop, 2002 Cambrian
 1. *Cambropycnogon klausmuelleri* Waloszek & Dunlop, 2002* C 'Orsten', Sweden
Pycnogonid affinities questioned by Bamber (2007)
- † *Haliestes* Siveter, Sutton, Briggs & Siveter, 2004 Silurian
 2. *Haliestes dasos* Siveter, Sutton, Briggs & Siveter, 2004* S Herefordshire Lgst.
- † *Flagellopantopus* Poschmann & Dunlop, 2006 Devonian
 3. *Flagellopantopus blocki* Poschmann & Dunlop, 2006* D Hünsruckschiefer
- † PALAEOISOPODIDAE Dubinin, 1957 Devonian
- † *Palaeoisopus* Broili, 1928 Devonian
 4. *Palaeoisopus problematicus* Broili, 1928* D Hünsruckschiefer
- † PALAEOPANTOPODIDAE Broili, 1930 Devonian
- † *Palaeopantopus* Broili, 1928 Devonian
 5. *Palaeopantopus maucheri* Broili, 1928* D Hünsruckschiefer

PANTOPODA Gerstaecker, 1863 Devonian – Recent

= PEGMATA Fry, 1978

family uncertain

- † *Palaeothea* Bergström, Stürmer & Winter, 1980 Devonian
 6. *Palaeothea devonica* Bergström, Stürmer & Winter, 1980* D Hünsruckschiefer

AUSTRODECIDAE Stock, 1954 Recent

no fossil record

PYCNOGONIDAE Wilson, 1878 Recent

no fossil record

COLOSSENDEIDAE Hoek, 1881 ?Jurassic – Recent

= PASITHOIDAE Sars, 1891

= RHOPALORHYNCHIDAE Fry, 1978

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

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

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

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

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

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

CALLIPALLENIDAE Hilton, 1942 **Recent**

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

no fossil record

NYMPHONIDAE Wilson, 1878 **Recent**

no fossil record

PALLENOPSIDAE Fry, 1978 **Recent**

no fossil record

ENDEIDAE Norman, 1904 **?Jurassic – Recent**

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

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

PHOXICHILIDIIDAE Sars, 1891 **Recent**

- = ANOPLODACTYLIDAE Fry, 1978
- = PHOXIPHILYRIDAE Fry, 1978

no fossil record

RHYNCHOTHORACIDAE Thompson, 1909 **Recent**

no fossil record

MISIDENTIFICATIONS

1. *Palpipes cursor* Roth, 1854 [crustacean] J Solnhofen
2. *Pentapalaeopycnon inconspicua* Hedgpeth, 1978 [crustacean] J Solnhofen
3. *Phalangites multipes* Münster, 1851 [crustacean] J Solnhofen
4. *Phalangites priscus* Münster, 1839 [crustacean] J Solnhofen
5. *Pycnogonites uncinatus* Quenstedt, 1852 [crustacean] J Solnhofen

c. 1300 Recent species

EUCHELICERATA

5 currently valid, but unplaced euchelicerate fossil species

- *Offacolus* has been described in detail from reconstructions based on serial sections, and was resolved in some phylogenies to a basal position within Euchelicerata
- the other listed taxa are mostly poor or incomplete specimens which have been treated as either xiphosurans, chasmataspids or eurypterids
- resting impressions imply that Chasmataspidida were probably present in the late Cambrian

EUCHELICERATA Weygoldt & Paulus, 1979 ?Cambrian – Recent

EUCHELICERATA INCERTAE SEDIS

- | | |
|--|------------------------|
| † <i>Borchgrevinkium</i> Novojilov, 1959 | Devonian |
| 1. <i>Borchgrevinkium taimyrensis</i> Novojilov, 1959* | D Taimyr, Siberia |
| † <i>Melbournopterus</i> Caster & Kjellesvig-Waering, 1953 | Silurian |
| 2. <i>Melbournopterus crossotus</i> Caster & Kjellesvig-Waering, 1953* | S Melbourne, Australia |
| † <i>Offacolus</i> Orr, Siveter, Briggs, Siveter & Sutton, 2000 | Silurian |
| 3. <i>Offacolus kingi</i> Orr, Siveter, Briggs, Siveter & Sutton, 2000* | S Herefordshire Lgst. |
| † <i>Polystomurum</i> Novojilov, 1958 | Devonian |
| 4. <i>Polystomurum stormeri</i> Novojilov, 1958* | D Voroneje, Siberia |
| † <i>Thurandina</i> Størmer, 1974 | Devonian |
| 5. <i>Thurandina waterstoni</i> Størmer, 1974* | D Alken an der Mosel |

XIPHOSURA

98 currently valid species of fossil horseshoe crab

XIPHOSURA Latreille, 1802	Ordovician – Recent
† ‘synziphosurines’	Silurian – Devonian
plesion genera	
† <i>Venustulus</i> Moore, 2005 in Moore <i>et al.</i>	Silurian
1. <i>Venustulus waukeshaensis</i> Moore in Moore <i>et al.</i> , 2005*	S Waukesha Lgst.
† <i>Anderella</i> Moore, McKenzie & Lieberman, 2007	Carboniferous
2. <i>Anderella parva</i> Moore, McKenzie & Lieberman, 2007	C Bear Gulch
† WEINBERGINIDAE Richter & Richter, 1929	Devonian
† <i>Legrandella</i> Eldredge, 1974	Devonian
3. <i>Legrandella lombardii</i> Eldredge, 1974*	D Cochabamba, Bolivia
† <i>Weinbergina</i> Richter & Richter, 1929	Devonian
4. <i>Weinbergina opitzi</i> Richter & Richter, 1929*	D Hünsruckschiefer
† <i>Willwerathia</i> Størmer, 1969	Devonian
5. <i>Willwerathia laticeps</i> (Størmer, 1936a)*	D Willwerath
† BUNODIDAE Packard, 1896	Silurian
† <i>Bembicosoma</i> Laurie, 1899	Silurian
6. <i>Bembicosoma pomphicus</i> Laurie, 1899*	S Pentland hills
† <i>Bunodes</i> Eichwald, 1854	Silurian
= † <i>Exapinurus</i> Nieszkowski, 1859	
7. <i>Bunodes lunula</i> Eichwald, 1854*	S Saaremaa
i. = <i>Bunodes rugosus</i> Eichwald, 1854	S Saaremaa
ii. = <i>Exapinurus schrenki</i> Nieszkowski, 1859	S Saaremaa
† <i>Limuloides</i> Woodward, 1865	Silurian
= † <i>Hemiaspis</i> Woodward, 1864 [preoccupied]	
8. <i>Limuloides limuloides</i> (Woodward, 1865)	S Ludlow
9. <i>Limuloides horridus</i> (Woodward, 1872a)	S Ludlow
10. <i>Limuloides salweyi</i> (Woodward, 1872a)	S Ludlow
i. = <i>Hemiaspis tuberculatus</i> (Salter in Woodward, 1872a)	S Ludlow
11. <i>Limuloides speratus</i> Woodward, 1872a	S Ludlow
i. = <i>Hemiaspis optatus</i> (Salter in Woodward, 1872a)	S Ludlow
† <i>Pasternakevia</i> Selden & Drygant, 1987	Silurian
12. <i>Pasternakevia podolica</i> Selden & Drygant, 1987*	S Podolia

familial affinity uncertain

- † ***Kiaeria* Størmer, 1934b** **Silurian**
 13. *Kiaeria limuloides* Størmer, 1934b* S Ringerike
- † ***Cyamocephalus* Currie, 1927** **Silurian**
 14. *Cyamocephalus loganensis* Currie, 1927* S Lesmahagow
- † ***Pseudoniscus* Nieszkowski, 1859** **Silurian**
 = † *Neolimulus* Woodward, 1868a
15. *Pseudoniscus aculeatus* Nieszkowski, 1859* S Saaremaa
 16. *Pseudoniscus clarkei* Ruedemann, 1916 S Pittsford, New York
 17. *Pseudoniscus falcatus* (Woodward, 1868a) S Lesmahagow
 18. *Pseudoniscus roosevelti* Clarke, 1902 S 'Bertie Waterlime'
- † ***Bunaia* Clarke, 1919** **Silurian**
 19. '*Bunaia*' *heintzi* Størmer, 1934a S Spitsbergen
 20. *Bunaia woodwardi* Clarke, 1919* S 'Bertie Waterlime'
- † **KASIBELINURIDAE** Pickett, 1993 **Devonian**
 † ***Kasibelinurus* Pickett, 1993** **Devonian**
 21. *Kasibelinurus amicorum* Pickett, 1993* D New South Wales
- possible kasibelinurids?**
22. '*Belinurus*' *alleghenyensis* Eller, 1938a D New York State
 23. '*Belinurus*' *carterae* Eller, 1940 D Pennsylvania
 24. '*Prestwichia*' *randalli* Beecher, 1902 D Pennsylvania
- † **ELLERIDAE** Raymond, 1944 **Devonian**
 † ***Elleria* Raymond, 1944** **Devonian**
 25. *Elleria morani* (Eller, 1938b)* D Pennsylvania
- 'synziphosurines' incertae sedis**
- † ***Maldybulakia* Tesakov & Alekseev, 1998** **Devonian**
 = † *Lophodesmus* Tesakov & Alekseev, 1992 [preoccupied]
 NB: Originally described as possible myriapods
26. *Maldybulakia angusi* Edgecombe, 1998 D New South Wales
 27. *Maldybulakia malcomi* Edgecombe, 1998 D New South Wales
 28. *Maldybulakia mirabilis* (Tesakov & Alekseev, 1992)* D Kazakhstan
- XIPHOSURIDA** Latreille, 1802 **Ordovician – Recent**
- family uncertain**
- † ***Lunataspis* Rudkin, Young & Nowlan, 2008** **Ordovician**
 29. *Lunataspis aurora* Rudkin, Young & Nowlan, 2008 O Manitoba
- † **BELLINURINA** Zittel & Eastman, 1913 **Carboniferous**

- † **BELLINURIDAE Zittel & Eastman, 1913** **Carboniferous**
- † ***Bellinurus* Pictet, 1846** **Carboniferous**
- = † *Belinurus* König, 1851
- = † *Steropsis* Baily, 1869
- = † *Koenigiella* Raymond, 1944
- NB: Pictet's 1846 name *Bellinurus* [sic] was based on a misspelling of *Belinurus* from König's unpublished plates, which themselves only became available posthumously as of 1851
30. *Bellinurus arcuatus* Baily, 1863 C Coal Measues
31. *Bellinurus baldwini* Woodward, 1907*b* C Coal Measues
32. *Bellinurus bellulus* Pictet, 1846 C Coalbrookdale, UK
33. *Bellinurus carwayensis* Dix & Pringle, 1929 C South Wales, UK
34. *Bellinurus concinnus* Dix & Pringle, 1929 C South Wales, UK
35. *Bellinurus grandaevus* Jones & Woodward, 1899 C Nova Scotia
36. *Bellinurus iswariensis* (Chernyshev, 1928) C Donetz Basin
37. *Bellinurus kiltorkensis* Baily, 1869 C Coal Measues
38. *Bellinurus koenigianus* Woodward, 1872*a* C Coal Measues
39. *Bellinurus lacei* Packard, 1885 C Mazon Creek
40. *Bellinurus longicaudatus* Woodward, 1907*b* C Coal Measues
41. *Bellinurus lunatus* (Martin, 1809) C Mansfield, UK
42. *Bellinurus metschetensis* (Chernyshev, 1928) C Donetz Basin
43. *Bellinurus morgani* Dix & Pringle, 1930 C South Wales, UK
44. *Bellinurus pustulosus* Dix & Pringle, 1929 C South Wales, UK
45. *Bellinurus reginae* Baily, 1863 C Coal Measues
46. *Bellinurus stepanovi* (Chernyshev, 1928) C Donetz Basin
47. *Bellinurus trechmanni* Woodward, 1918 C Coal Measues
48. *Bellinurus trilobitoides* (Buckland, 1837)* C Coalbrookdale, UK
49. *Bellinurus truemani* Dix & Pringle, 1929 C South Wales, UK
- † **EUPROOPIDAE Eller, 1938*b***
- = † LIOMESASPIDIDAE Raymond, 1944
- † ***Anactonium* Raymond, 1944** **Permian**
50. *Anactonium brevis* Raymond, 1944 P Oklahoma
51. *Anactonium carpenteri* Raymond, 1944 P Oklahoma
- † ***Euproops* Meek, 1867** **Carbon. – ?Permian**
- = † *Prestwichia* Woodward, 1867 [preoccupied]
- = † *Prestwichianella* Cockerell, 1905 [replacement name for *Prestwichia*]
52. *Euproops anthrax* (Prestwich, 1840) C Coal Measues
53. *Euproops bifidus* Siegfried, 1972 C Coal Measues
54. *Euproops cambrensis* Dix & Pringle, 1929 C Coal Measues
55. *Euproops danae* (Meek & Worthen, 1865)* C Coal Measures
- i. = *Euproops amiae* Woodward, 1918 C Coal Measures
- ii. = *Euproops darrahi* Raymond, 1944 C Coal Measures

- iii. = *Euproops graigolae* Dix & Pringle, 1929 C South Wales
 iv. = *Euroops 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 Measures
 viii. = *Euproops laticephalus* Raymond, 1944 C Coal Measures
 ix. = *Euproops packardi* Willard & Jones, 1935 C Coal Measures
 x. = *Prestwichia (Euproops) scheeleana* Ebert, 1892 C Coal Measures
 xi. = *Euproops thompsoni* Raymond, 1944 C Coal Measures
56. *Euproops longispina* Packard, 1885 C Mazon Creek
 57. *Euproops mariae* Crônier & Courville, 2005 C Massif Central
 58. *Euproops meeki* Dix & Pringle, 1929 C South Wales
 59. *Euproops nitida* Dix & Pringle, 1929 C South Wales
 60. *Euproops orientalis* Kobayashi, 1933 ?P Korea
 61. *Euproops rotundatus* Prestwich, 1840 C Coal Measures
Euproops sp. in Brauckmann (1982) C Piesberg, Germany
- † ***Liomesaspis* Raymond, 1944** **Carbon. – Permian**
 = † *Pringlia* Raymond, 1944
 = † *Palatinaspis* Malz & Poschmann, 1993
62. ?*Liomesaspis birtwelli* (Woodward, 1872a) C Coal Measures
 63. *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
64. *Liomesaspis leonardensis* (Tasch, 1961) P Annelly, Kansas
- † ***Prolimulus* Frič, 1899** **Carboniferous**
 65. *Prolimulus woodwardi* Frič, 1899* C Nýřany
- UNNAMED TAXON
- † ***Bellinuroopsis* Chernyshev, 1933** **Carboniferous**
 = † *Neobelinuroopsis* Eller, 1938a
66. *Bellinuroopsis rossicus* Chernyshev, 1933* C Coal Measures
- † **ROLFEIIDAE Selden & Siveter, 1987** **Carboniferous**
- † ***Rolfeia* Waterston, 1985** **Carboniferous**
 67. *Rolfeia fouldenensis* Waterston, 1985* C Fouldon, Scotland
- LIMULINA Richter & Richter, 1929** **Carbon. – Recent**
- † **PALEOLIMULOIDEA Raymond, 1944** **Carbon. – Jurassic**
- † **PALEOLIMULIDAE Raymond, 1944** **Carbon. – Jurassic**
 = † **DUBBOLIMULIDAE Pickett, 1984**

† Limulitella Størmer, 1952	Triassic – Jurassic
= † <i>Limulites</i> Schimper, 1853 [preoccupied]	
<i>Limulitella</i> sp. in Hauschke et al. (2004)	Tr Madagascar
68. <i>Limulitella bronnii</i> (Schimper, 1853)*	Tr Grés á Voltzia
i. = <i>Limulus sandbergeri</i> Kirchner, 1923	Tr Germany
69. <i>Limulitella henkei</i> Fritsch, 1906	Tr Halle, Germany
70. ? <i>Limulitella liasokeuperensis</i> (Braun, 1860)	J Germany
71. <i>Limulitella vicensis</i> (Bleicher, 1897)	Tr Lorraine
72. <i>Limulitella volgensis</i> Ponomarenko, 1985	Tr Moscow
† Paleolimulus Dunbar, 1923	Carbon. – Triassic
= † <i>Dubbolimulus</i> Pickett, 1984	
73. <i>Paleolimulus fuchsbergensis</i> Hauschke & Wilde, 1987	Tr northwest Germany
74. <i>Paleolimulus jakovlevi</i> Glushenko in Glushenko & Ivanov, 1961	P Novoselovka, Ukraine
75. ? <i>Paleolimulus juresanensis</i> Chernyshev, 1933	C Ural region
76. <i>Paleolimulus longispinus</i> Schram, 1979	C Bear Gulch, Montana
77. <i>Paleolimulus peetae</i> (Pickett, 1984)	Tr New South Wales
78. <i>Paleolimulus signatus</i> (Beecher, 1904)	C–P Kansas, Illinois
i. = <i>Paleolimulus avitus</i> Dunbar, 1923*	P Kansas
MORAVURIDAE Příbyl, 1967	Carboniferous
† Moravurus Příbyl, 1967	Carboniferous
79. <i>Moravurus rehorni</i> Příbyl, 1967	C Ostrava-Karviná
† Xaniopyramis Siveter & Selden, 1987	Carboniferous
80. <i>Xaniopyramis linseyi</i> Siveter & Selden, 1987*	C Weardale, UK
LIMULOIDEA Zittel, 1885	Carbon. – Recent
† Alanops Racheboeuf et al., 2002	Carboniferous
81. <i>Alanops magnifica</i> Racheboeuf et al., 2002	C Montceau-les-Mines
† Casterolimulus Holland, Erickson & O'Brien, 1975	Cretaceous
82. <i>Casterolimulus kletti</i> Holland, Erickson & O'Brien, 1975*	K North Dakota
† Heterolimulus Via Boada & Villalta, 1966	Triassic
83. <i>Heterolimulus gadeai</i> Via Boada & Villalta, 1966*	Tr Tarragona, Spain
† Panduralimulus Allen & Feldman, 2005	Permian
84. <i>Panduralimulus babcocki</i> Allen & Feldman, 2005	P Texas
† Valloisella Racheboeuf, 1992	Carboniferous
85. <i>Valloisella lievinensis</i> Racheboeuf, 1992*	C northern France
† AUSTROLIMULIDAE Riek, 1955	Triassic
† Austrolimulus Riek, 1955	Triassic
86. <i>Austrolimulus fletcheri</i> Riek, 1955*	Tr New South Wales
LIMULIDAE Zittel, 1885	Triassic – Recent

Limulus Müller, 1785	Triassic – Recent
87. <i>Limulus coffini</i> Reeside & Harris, 1952	K Colorado
88. <i>Limulus priscus</i> Münster, 1839	Tr Rottweil, Germany
89. <i>Limulus woodwardi</i> Watson, 1909	J Northamptonshire
† Mesolimulus Størmer, 1952	Triassic – Cretaceous
<i>Mesolimulus</i> sp. in Ross & Vannier (2002)	J southern England
90. <i>Mesolimulus crespelli</i> Via Boada, 1987	Tr Tarragona, Spain
91. <i>Mesolimulus sibiricus</i> Ponomarenko, 1985	J Siberia
92. ? <i>Mesolimulus syriacus</i> (Woodward, 1879)	K Lebanon
93. <i>Mesolimulus walchi</i> (Desmarest, 1822)*	J Solnhofen, etc.
i. = <i>Limulus brevicauda</i> Münster in v. d. Hoeven, 1838	J Solnhofen
ii. = <i>Limulus brevispina</i> Münster in v. d. Hoeven, 1838	J Solnhofen
iii. = <i>Limulus intermedius</i> Münster in v. d. Hoeven, 1838 ...	J Solnhofen
iv. = <i>Limulus ornatus</i> Münster in v. d. Hoeven, 1838	J Solnhofen
v. = <i>Limulus sulcatus</i> Münster in v. d. Hoeven, 1838	J Solnhofen
vi. = <i>Limulus giganteus</i> Münster, 1840	J Solnhofen
NB: not entirely clearly that all these names have been formally synonymised	
† Psammolimulus Lange, 1923	Triassic
94. <i>Psammolimulus gottingensis</i> Lange, 1923*	Tr Göttingen, Germany
Tachypleus Leach, 1819	Neogene – Recent
95. <i>Tachypleus decheni</i> (Zinken, 1862)	Ne Saxony, Germany
† Tarracolimulus Romero & Via Boada, 1977	Triassic
96. <i>Tarracolimulus rieki</i> Romero & Via Boada, 1977*	Tr Tarragona, Spain
† Victalimulus Riek & Gill, 1971	Cretaceous
97. <i>Victalimulus mcqueeni</i> Riek & Gill, 1971*	K Koonwarra

INCERTAE SEDIS

† **Belinuropsis Matthew 1910**

98. <i>Belinuropsis wigudensis</i> Matthew, 1910	C Coal Measures
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NOMEN DUBIUM

1. <i>Limulus nathorsti</i> Jackson, 1906	J southern Sweden
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NOMINA NUDA

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

MISIDENTIFICATIONS

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

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

4 Recent species

CHASMATASPIDIDA

8 currently valid species of fossil chasmataspid

- there are some doubts about the monophy of Chasmataspidida

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

no Recent species

EURYPTERIDA

246 currently valid species of fossil sea scorpion

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

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

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

- † *Tarsopterella* Størmer, 1951 **Devonian**
 32. *Tarsopterella scotica* (Woodward, 1872)* D Mid. Valley Scotland
 i. = ?*Erieopterus brewsteri* Woodward, 1864 D Mid. Valley Scotland
 ii. = *Stylonurus armatus* Page, 1867 D Mid. Valley Scotland
- † **HIBBERTOPTEROIDEA** Kjellesvig-Waering, 1959 **Devonian – Permian**
 † **DREPANOPTERIDAE** Kjellesvig-Waering, 1966a **Silurian – Devonian**
 † *Drepanopterus* Laurie, 1892 **Silurian – Devonian**
 33. *Drepanopterus abonensis* Simpson, 1951 D Portishead, England
 34. *Drepanopterus pentlandicus* Laurie, 1892* S Pentland Hills, Scotl.
- † **HIBBERTOPTERIDAE** Kjellesvig-Waering, 1959 **Devonian – Permian**
 = † **CYRTOCTENIDAE** Waterston, Oelofsen & Oosthuizen, 1985
- † *Campylocephalus* Eichwald, 1860 **Carboniferous – Perm.**
 35. *Campylocephalus oculatus* (Kutorga, 1838)* P Dourasovo, Russia
 36. ?*Campylocephalus salmi* Stur, 1877 C Ostrava, Czech Rep.
- † *Cyrtoctenus* Størmer & Waterston, 1968 **Devonian – Carbon.**
 37. *Cyrtoctenus caledonicus* (Salter, 1863) C East Lothian, Scotl.
 38. *Cyrtoctenus dewalquei* (Fraipont, 1889) D Pont-de-Bonne, Belg.
 i. = *Eurypterus dewalquei* var. *longimanus* Fraipont,
 1889 D Pont-de-Bonne, Belg.
 39. *Cyrtoctenus dicki* (Peach, 1883) C Thurso, Scotland
 40. *Cyrtoctenus ostraviensis* (Augusta & Přibyl, 1951) C Ostrava, Czech Rep.
 41. *Cyrtoctenus peachi* Størmer & Waterston, 1968* C Berwickshire, Scotl.
 42. *Cyrtoctenus wittebergensis* Waterston, Oelofsen & Oosthuizen, 1985 ... C Cape Province
- † *Dunsopterus* Waterston, 1968 **Carboniferous**
 43. *Dunsopterus stevensoni* (Etheridge Jr, 1877)* C Berwickshire, Scotl.
- † *Hastimima* White, 1908 **Permian**
 44. *Hastimima whitei* White, 1908* P Brazil
- † *Hibbertopterus* Kjellesvig-Waering, 1959 **Carboniferous – Perm.**
 45. ?*Hibbertopterus hibernicus* (Baily, 1872) C Kiltorcan, Ireland
 46. *Hibbertopterus permianus* Ponomarenko, 1985 P Komi, Russia
 47. *Hibbertopterus scouleri* (Hibbert, 1836)* C West Lothian, Scotl.
- † *Vernonopterus* Waterston, 1957 **Carboniferous**
 48. *Vernonopterus minutisculptus* (Peach, 1907)* C Lanarkshire, Scotland
- † **MYCTEROPTIDAE** Cope, 1886 **Carboniferous – Perm.**
 = † **WOODWARDOPTERIDAE** Kjellesvig-Waering, 1959
- † *Megarachne* Hünicken, 1980 **Carboniferous – Perm.**
 49. *Megarachne servinei* Hünicken, 1980* C–P Santa Rosa, Argen.
- † *Mycterops* Cope, 1886 **Carboniferous**
 50. ?*Mycterops blairi* Waterston, 1968 C Loanhead, Scotland

51. *Mycterops matthieui* Pruvost, 1924 C Charleroi, Belgium
 52. *Mycterops ordinatus* Cope, 1886* C Channelton, PA
 53. ?*Mycterops whitei* Schram, 1984 C Crescent, Iowa
 † **Woodwardopterus** Kjellesvig-Waering, 1959 **Carboniferous**
 54. *Woodwardopterus scabrosus* (Woodward, 1887)* C Glencartholm, Scottl.
- STYLONURINA incertae sedis**
- † **Stylonuroides** Kjellesvig-Waering, 1966a **Silurian**
 55. *Stylonuroides dolichopteroides* (Størmer, 1934b)* S Ringerike, Norway
- † **EURYPTERINA** Burmeister, 1843 **Ordovician – Permian**
- plesion taxa**
- † **Onychopterella** Størmer, 1951 **Ordovician-Silurian**
 56. *Onychopterella augusti* Braddy, Aldridge & Theron, 1995 O Soom Shale, S. Afr.
 57. *Onychopterella kokomoensis* (Miller & Gurley, 1896)* S Kokomo, Indiana
 i. = *Eurypterus ranilarva* Clarke & Ruedemann, 1912..... S Kokomo, Indiana
 58. ?*Onychopterella pumilus* (Savage, 1916) S Essex, Illinois
- plesion taxa currently assigned to *Drepanopterus***
59. ?*Drepanopterus conicus* Laurie, 1892 S Pentland Hills
 60. ?*Drepanopterus latus* (Størmer, 1934b) S Ringerike, Norway
 61. ?*Drepanopterus lobatus* Laurie, 1899 S Pentland Hills
 62. ?*Drepanopterus nodosus* Kjellesvig-Waering & Leutze, 1966 S Bass, West Virginia
- † **MOSELOPTEROIDEA** Lamsdell, Braddy & Tetlie, 2010 **Devonian**
- † **MOSELOPTERIDAE** Lamsdell, Braddy & Tetlie, 2010 **Devonian**
- “*Drepanopterus*”**
63. ?*Drepanopterus bembycoides* Laurie, 1899..... S Pentland Hills
- † **Moselopterus** Størmer, 1974 **Devonian**
 64. *Moselopterus ancyloelsson* Størmer, 1974* D Alken an der Mosel
 65. *Moselopterus elongatus* Størmer, 1974 D Alken an der Mosel
 66. *Moselopterus lancmani* (Delle, 1937) D Plavinas, Latvia
- † **Vinetopterus** Poschmann & Tetlie, 2004 **Devonian**
 67. *Vinetopterus martini* Poschmann & Tetlie, 2004 D Westerwald, Germ.
 68. *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**
 69. *Echinognathus clevelandi* Walcott, 1882* O New York
- † **Megalograptus** Miller, 1874 **Ordovician**
 70. *Megalograptus alveolatus* (Shuler, 1915) O Virginia

71. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 O Ohio
72. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 O Ohio
73. *Megalograptus welchi* Miller, 1874* O Ohio
74. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 O Ohio
- † **EURYPTEROIDEA Burmeister, 1843** **Silurian – Devonian**
- † **DOLICHOPTERIDAE Kjellesvig-Waering & Størmer, 1952** **Silurian – Devonian**
- † ***Dolichopterus* Hall, 1859** **Silurian**
75. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979 S Gotland, Sweden
76. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 S New York
77. *Dolichopterus macrocheirus* Hall, 1859* S New York / Canada
78. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912 S New York / Canada
79. ?*Dolichopterus stoermeri* Caster & Kjellesvig-Waering, 1956 S Saaremaa, Estonia
- † ***Ruedemanniapterus* Kjellesvig-Waering, 1966** **Silurian**
80. *Ruedemanniapterus stylonuroides* (Clarke & Ruedemann, 1912)* S Otisville, New York
- † ***Buffalopterus* Kjellesvig-Waering & Heubusch, 1962** **Silurian**
81. *Buffalopterus pustulosus* (Hall, 1859)* S New York / Ontario
- i. = *Eurypterus giganteus* Pohlman, 1882 S New York / Ontario
- ii. = *Pterygotus globicaudatus* Pohlman, 1882 S New York / Ontario
- † ***Strobilopterus* Ruedemann, 1935** **Devonian**
82. *Strobilopterus princetonii* (Ruedemann, 1934)* D Wyoming, USA
- † ***Syntomopterus* Kjellesvig-Waering, 1961a** **Devonian**
83. *Syntomopterus richardsoni* Kjellesvig-Waering, 1961a* D Ohio
- † **EURYPTERIDAE Burmeister, 1843** **Silurian**
- † ***Eurypterus* de Kay, 1825** **Silurian**
- = † *Baltoeurypterus* Størmer, 1973
84. ?*Eurypterus cephalaspis* Salter, 1856 S Herefordshire, Engl.
85. *Eurypterus dekeyi* Hall, 1859 S New York / Ontario
86. *Eurypterus flintstonensis* Swartz, 1923 S eastern USA
87. *Eurypterus hankeni* Tetlie, 2006a S Ringerike, Norway
88. *Eurypterus henningsmoeni* (Tetlie, 2002) S Bærum, Norway
89. *Eurypterus laculatus* Kjellesvig-Waering, 1958 S New York / Ontario
90. *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
91. *Eurypterus leopoldi* Tetlie, 2006a S Somerset Is., Canada
92. *Eurypterus megalops* Clarke & Ruedemann, 1912 S New York
93. ?*Eurypterus minor* Laurie, 1899 S Pentland Hills, Scotl.
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 latus* Ruedemann, 1935 D Wyoming, USA
104. ?*Erieopterus limuloides* (Kjellesvig-Waering, 1948a) S Kokomo, Indiana
105. *Erieopterus microphthalmus* (Hall, 1859)* D New York / Canada
106. ?*Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
107. ?*Erieopterus statzi* Størmer, 1936a D Siegburg, Germany
108. ?*Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 S Michigan
- † **MIXOPTEROIDEA Caster & Kjellesvig-Waering, 1955** **Silurian**
- † **CARCINOSOMATIDAE Størmer, 1934b** **Ordovician – Devonian**
- † ***Carcinosoma* Claypole, 1890** **Silurian**
109. ?*Carcinosoma harleyi* Kjellesvig-Waering, 1961b S England
110. *Carcinosoma libertyi* Copeland & Bolton, 1960 S Manitoulin I., Canada
111. *Carcinosoma newlini* Claypole, 1890a* S Kokomo, Indiana
 i. = *Carcinosoma ingens* Claypole, 1894 S Kokomo, Indiana
112. ?*Carcinosoma punctatum* (Salter in Huxley & Salter, 1859) S England
113. *Carcinosoma scorpoides* (Woodward, 1868)..... S Lesmahagow
 i. = *Pterygotus raniceps* Woodward, 1868 S Lesmahagow
114. *Carcinosoma scoticus* (Laurie, 1899)..... S Pentland Hills, Scotl.
115. ?*Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 S Pittsford, New York
- † ***Eocarcinosoma* Caster & Kjellesvig-Waering, 1964** **Ordovician**
116. *Eocarcinosoma batrachophthalmus* Caster & Kjellesvig-Waering,
 1964* O Ohio
- † ***Paracarcinosoma* Caster & Kjellesvig-Waering, 1964** **Silurian – Devonian**
117. *Paracarcinosoma acrocephalus* (Semper, 1898)..... S–D Barrandian area
118. *Paracarcinosoma obesus* (Woodward, 1868)..... S Lesmahagow
119. *Paracarcinosoma scorpionis* (Grote & Pitt, 1875)* S New York / Ontario
- † ***Rhinocarcinosoma* Novojilov, 1962** **Silurian**
120. *Rhinocarcinosoma cicero* (Clarke, 1907) S Otisville, New York

121. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 S Dô Son, Vietnam
122. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)* S Clinton, New York
- † **MIXOPTERIDAE Caster & Kjellesvig-Waering, 1955** **Silurian**
 = † LANARKOPTERIDAE Tollerton, 1989
- † **Lanarkopterus Ritchie, 1968** **Silurian**
123. *Lanarkopterus dolichoschelus* (Størmer, 1936b)* S Scotland
- † **Mixopterus Ruedemann, 1921** **Silurian**
124. *Mixopterus kiaeri* Størmer, 1934b S Ringerike, Norway
125. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)* S New York
126. *Mixopterus simonsoni* Schmidt, 1883 S Saaremaa, Estonia
- † **'WAERINGOPTEROIDEA'** **Silurian – Devonian**
- NB: Superfamily name appears to be derived from a thesis; a family Waeringopteridae has not been formally published
- † **Grossopterus Størmer, 1934c** **Devonian**
127. *Grossopterus overathi* (Gross, 1933)* D Overath
128. *Grossopterus inexpectans* (Ruedemann, 1921) D Gilboa
- † **Orcanopterus Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** **Ordovician**
129. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser
 & Devereux, 2005* O Manitoulin I., Canada
- † **Waeringopterus Leutze, 1961** **Silurian**
130. *Waeringopterus apfeli* Leutze, 1961 S New York / Ontario
131. *Waeringopterus cumberlandicus* (Swartz, 1923)* S West Virginia
- i. = *Eurypterus swartzii* 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
132. *Adelophthalmus approximatus* (Hall & Clarke, 1888) C Pennsylvania, USA
133. *Adelophthalmus asturica* (Melendez, 1971) C d'Ablana, Spain
134. *Adelophthalmus bradorensis* (Bell, 1922) C N. Campbelltown
135. *Adelophthalmus cambieri* (Pruvost, 1930) C Charleroi, Belgium
136. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) C Donetsk, Ukraine
137. *Adelophthalmus chinensis* (Grabau, 1920) C–P Zhaoezhuang
138. *Adelophthalmus corneti* (Pruvost, 1939) C Quaregnon, Belgium
139. *Adelophthalmus douvillei* (de Lima, 1890) P Bussaco, Portugal
140. *Adelophthalmus dumonti* (Stainier, 1917) C Mechelen-sur-Meuse

141. *Adelophthalmus granosus* Jordan in Jordan & von Meyer, 1854* C Saarbrücken, Germ.
142. *Adelophthalmus imhofi* (Reuss, 1855) C Vlkys, Czech Rep.
143. *Adelophthalmus irinae* Shpinev, 2006 C Krasnoyarsk, Russia
144. *Adelophthalmus kidstoni* (Peach, 1888) C Radstock, England
145. ?*Adelophthalmus lohesti* (Dewalque in Fraipont 1889) D Pont de Bonne, Belg.
146. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 P New Mexico
147. *Adelophthalmus mansfieldi* (Hall, 1877) C Pennsylvania
 i. = *Eurypterus stylus* Hall, 1884 C Pennsylvania
148. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) C Illinois
149. *Adelophthalmus moyseyi* (Woodward, 1907a) C Ilkeston, Blaengarw
 i. = *Eurypterus derbiensis* Woodward, 1907a C Ilkeston, England
150. *Adelophthalmus nebraskensis* (Barbour, 1914) P Nebraska
151. *Adelophthalmus pennsylvanicus* (Hall, 1877) C Pennsylvania
152. ?*Adelophthalmus ?perornatus* (Peach, 1882) C Glencartholm, Scotl.
153. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948b C Lens, France
154. ?*Adelophthalmus raniceps* Goldenberg, 1873 C Saarbrücken, Germ.
155. *Adelophthalmus sellardsi* (Dunbar, 1924) P Elmo, Kansas
156. *Adelophthalmus sievertsi* (Størmer, 1969) D Willwerath, Germ.
 i. = ?*Eurypterus trapezoides* Størmer, 1974 D Nellenköpfchen, Ger.
157. *Adelophthalmus waterstoni* (Tetlie et al., 2004) D Kimberley, Australia
158. *Adelophthalmus wilsoni* (Woodward, 1888) C Radstock, England
159. *Adelophthalmus zadrai* Přebyl, 1952 C Moravo-Silesia
- † ***Bassipterus* Kjellesvig-Waering & Leutze, 1966** **Silurian**
160. *Bassipterus virginicus* Kjellesvig-Waering & Leutze, 1966* S Bass, West Virginia
- † ***Eysyslopterus* Tetlie & Poschmann, 2008** **Silurian**
161. *Eysyslopterus patteni* (Størmer, 1934d) S Saaremaa, Estonia
- † ***Nanahughmilleria* Kjellesvig-Waering, 1961b** **Silurian – Devonian**
162. *Nanahughmilleria clarkei* Kjellesvig-Waering, 1964b S Otisville, New York
163. *Nanahughmilleria norvegica* (Kiær, 1911)* S Ringerike, Norway
 i. = *Eurypterus minutus* Kiær, 1911 S Ringerike, Norway
164. ?*Nanahughmilleria prominens* (Hall, 1884b) S Cayuga, New York
165. *Nanahughmilleria pygmaea* (Salter, 1859) S Herefordshire, Engl.
166. ?*Nanahughmilleria schiraensis* (Pirozhnikov, 1957) D Khakassia, Russia
- † ***Parahughmilleria* Kjellesvig-Waering, 1961b** **Silurian – Devonian**
167. *Parahughmilleria bellistriata* (Kjellesvig-Waering, 1950a) S West Virginia
168. *Parahughmilleria hefteri* Størmer, 1973 D Rhenish Massif, Ge.
169. *Parahughmilleria maria* (Clarke, 1907) S New York
170. *Parahughmilleria matarakensis* (Pirozhnikov, 1957) D Khakassia, Russia
171. *Parahughmilleria salteri* Kjellesvig-Waering, 1961b* S Herefordshire, Engl.
- † ***Pittsfordipterus* Kjellesvig-Waering & Leutze, 1966** **Silurian**
172. *Pittsfordipterus phelpsae* (Ruedemann, 1921)* S Pittsford, New York

- † **PTERYGOTIOIDEA Clarke & Ruedemann, 1912** **Silurian – Devonian**
- † **HUGHMILLERIIDAE Kjellesvig-Waering, 1951** **Silurian**
- † **Herefordopterus Tetlie, 2006b** **Silurian**
173. *Herefordopterus banksii* (Salter, 1856)* S Herefordshire, Engl.
 i. = *Eurypterus acuminatus* Salter, 1859a S Herefordshire, Engl.
- † **Hughmilleria Sarle, 1903** **Silurian**
174. *Hughmilleria shawangunk* Clarke, 1907 S eastern USA
175. *Hughmilleria socialis* Sarle, 1903* S Pittsford, New York
 i. = *Hughmilleria robusta* Sarle, 1903 S Pittsford, New York
176. *Hughmilleria wangi* Tetlie, Selden & Ren, 2007 S Hunan, China
- † **SLIMONIDAE Novojilov, 1968** **Silurian**
- † **Salteropterus Kjellesvig-Waering, 1951** **Silurian**
177. *Salteropterus abbreviatus* (Salter, 1859)* S Herefordshire, Engl.
- † **Slimonia Page, 1856** **Silurian**
178. *Slimonia acuminata* Salter, 1856* S Lesmahagow
 i. = *Himantopterus maximus* Salter, 1856 S Lesmahagow
179. *Slimonia boliviana* Kjellesvig-Waering, 1973 S Cochambamba, Bol.
180. *Slimonia dubia* Laurie, 1899 S Pentland Hills, Scotl.
- † **PTERYGOTIDAE Clarke & Ruedemann, 1912** **Silurian – Devonian**
 = † JAEKELOPTERIDAE Størmer, 1974
- † **Acutiramus Ruedemann, 1935** **Silurian – Devonian**
181. *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
182. *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
183. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 S Kenwood, New York
184. *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
185. *Acutiramus perneri* Chlupáč, 1994 D Barrandian area
186. *Acutiramus perryensis* Leutze, 1958 S Ohio
187. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 S? Florida
- † **Ciurcopterus Tetlie & Briggs, 2009** **Silurian**

188. *Ciurcopterus sarlei* (Ciurca & Tetlie, 2007) S Pittsford, New York
189. *Ciurcopterus ventricosus* (Kjellesvig-Waering, 1948a)* S Kokomo, Indiana
- † **Erettopterus Salter in Huxley & Salter, 1859** **Silurian – Devonian**
190. *Erettopterus bilobus* (Salter, 1856)* S Lesmahagow
- i. = *Eurypterus perornatus* Salter, 1856.....S Lesmahagow
- ii. = *Pterygotus bilobus* var. *acidens* Woodward, 1878.....S Lesmahagow
- iii. = *Pterygotus bilobus* var. *crassus* Woodward, 1878.....S Lesmahagow
- iv. = *Pterygotus bilobus* var. *inornatus* Woodward, 1878... S Lesmahagow
- v. = *Pterygotus bilobus* var. *perornatus* Woodward, 1878. S Lesmahagow
- vi. = *Pterygotus perornatus* var. *plicatissimus* Salter in
 Huxley & Salter, 1859 S Lesmahagow
191. *Erettopterus brodiei* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
192. *Erettopterus canadensis* (Dawson, 1879) S Ontario, Canada
193. *Erettopterus exophthalmus* Kjellesvig-Waering & Leutze, 1966 S Bass, West Virginia
194. *Erettopterus gigas* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
195. *Erettopterus globiceps* Clarke & Ruedemann, 1912 S eastern USA
196. *Erettopterus grandis* Pohlman, 1881 S New York
197. *Erettopterus holmi* (Størmer, 1934*b*) S Ringerike, Norway
198. *Erettopterus laticauda* Schmidt, 1883 S Saaremaa, Estonia
199. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* S England
200. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* S England
201. *Erettopterus osiliensis* Schmidt, 1883 S Saaremaa, Estonia
202. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* S Pennsylvania
203. *Erettopterus serratus* Kjellesvig-Waering, 1961 D Ohio
204. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
205. ?*Erettopterus vogti* Størmer, 1934*a* D Spitsbergen
206. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 S Kenwood, New York
- † **Jaekelopterus Waterston, 1964** **Devonian**
207. *Jaekelopterus howelli* Kjellesvig-Waering & Størmer, 1952 D Wyoming
- i. = *Pterygotus mcgrewi* Kjellesvig-Waering & Richardson
 In Kjellesvig-Waering (1986) [*nomen nudum*] D Wyoming
208. *Jaekelopterus rhenaniae* (Jaekel, 1914)* D Rhenish Massif, Ger.
- † **Pterygotus Agassiz, 1839** **Silurian – Devonian**
209. *Pterygotus anglicus* Agassiz, 1844* D Scotland, Canada
- i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912..... D New Brunswick, Can.
- ii. = *Pterygotus minor* Woodward, 1864 D Scotland
210. *Pterygotus arcuatus* Salter in Huxley & Salter, 1859..... D Herefordshire, Engl.
211. ?*Pterygotus australis* McCoy, 1899..... S Melbourne, Australia
212. *Pterygotus barrandei* Semper, 1898 S Barrandian area
- i. = *Pterygotus beraunensis* Semper, 1898 S Barrandian area
213. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* D Belen, Bolivia

214. *Pterygotus carmani* Kjellesvig-Waering, 1961 D Ohio
215. *Pterygotus cobbi* Hall, 1859 S New York / Canada
216. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
217. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* D Florida
218. *Pterygotus gaspesiensis* Russell, 1953 D Québec, Canada
219. *?Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* S England
220. *?Pterygotus impacatus* Kjellesvig-Waering, 1964*a* S Saaremaa, Estonia
221. *Pterygotus kopaninensis* Barrande, 1872 S Barrandian area, Cz.
222. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* S Lesmahagow, Scotl.
223. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* S England
224. *Pterygotus ludensis* Salter in Huxley & Salter, 1859 S Herefordshire, Engl.
225. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* S Maryland
226. *Pterygotus monroensis* Sarle 1902 S New York
- EURYPTERIDA *incertae sedis*
- † **Clarkeipterus** Kjellesvig-Waering, 1966 [a/b?] **Silurian**
227. *Clarkeipterus ?otisius* (Clarke, 1907) S eastern USA
228. *Clarkeipterus testudineus* (Clarke & Ruedeman, 1912)* S New York
- † **Dorfopteris** Kjellesvig-Waering, 1955 **Devonian**
229. *Dorfopteris angusticollis* Kjellesvig-Waering, 1955* D Wyoming
- † **?Dolichopteris**
230. *?Dolichopteris asperatus* Kjellesvig-Waering, 1961 [a/b?] D Ohio
231. *?Dolichopteris bulbosus* Kjellesvig-Waering, 1961*b* S Herefordshire, Engl.
232. *?Dolichopteris herkimerensis* Caster & Kjellesvig-Waering, 1956 S New York / Canada
- † **?Eurypteris**
233. *?Eurypteris loi* Chang, 1957 [non eurypterid?] S Hubei, China
234. *?Eurypteris podolicus* Chernyshev, 1947 S Ukraine
235. *?Eurypteris satpaevi* Simorin, 1956 C Karaganda, Kazakh.
236. *?Eurypteris styliformis* Chang, 1957 [non eurypterid?] S Hubei, China
237. *?Eurypteris tschernyschevi* Simorin, 1956 C Karaganda, Kazakh.
238. *?Eurypteris yangi* Chang, 1957 [non eurypterid?] S Hubei, China
- † **Holmipteris** Kjellesvig-Waering, 1979 **Silurian**
239. *Holmipteris suecicus* Kjellesvig-Waering, 1979 S Gotland, Sweden
- † **Marsupipterus** Caster & Kjellesvig-Waering, 1955 **Silurian**
240. *Marsupipterus sculpturatus* Caster & Kjellesvig-Waering, 1955* S Herefordshire, Engl.
- † **?Nanahughmilleria**
241. *?Nanahughmilleria lanceolata* Salter, 1856 S Lesmahagow
- i. = *Eurypteris chartarius* Salter, 1859 S Lesmahagow
- ii. = *Eurypteris linearis* Salter, 1859 S Lesmahagow
- † **?Salteropteris**
242. *?Salteropteris longilabium* Kjellesvig-Waering, 1961*b* S Welsh Borderlands
- † **?Stylonurus**

243. ?*Stylonurus perspicillum* Størmer, 1969 D Willwerath, Germany
- † **Tylopterella Størmer, 1951** **Silurian**
244. *Tylopterella boylei* (Whiteaves, 1884) S Ontario, Canada
245. ?*Tylopterella menneri* (Novojilov, 1959) D Taimyr, Russia
- † **Unionopterus Chernyshev, 1948** **Carboniferous**
246. *Unionopterus anastasiae* Chernyshev, 1948* C Kazakhstan

NOMINA DUBIA

1. *Bunodella horrida* Matthew, 1888 [*non* Xiphosura] S New Brunswick
2. ?*Dunsopteris 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. *Pterygotus expectatus* Barrande, 1872 [crustacean] S Barrandian area
10. *Pterygotus (Curviramus) elleri* Ruedemann, 1935 [crustacean] D New York
11. *Pterygotus (Curviramus) montanensis* Ruedemann, 1935 [crustacean] D Montana
12. *Pterygotus (Leptocheles) leptodactylum* M'Coy, 1849 [crustacean] S Herefordshire, Engl.

PSEUDOFOSILS

1. *Brachypterella magna* (Clarke & Ruedemann, 1912) O New York

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

no Recent species

SCORPIONES

115 currently valid species of fossil scorpion

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

9. *Dolichophonus loudonensis* (Laurie, 1899)* S Pentland Hills
- † **HOLOSTERNINA Kjellesvig-Waering, 1986** **Devonian**
- † **ACANTHOSCORPIONOIDEA Kjellesvig-Waering, 1986** **Devonian**
- † **ACANTHOSCORPIONIIDAE Kjellesvig-Waering, 1986** **Devonian**
- † ***Acanthoscorpio* Kjellesvig-Waering, 1986** **Devonian**
10. *Acanthoscorpio mucronatus* Kjellesvig-Waering, 1986* D Wyoming
- † **STENOSCORPIONIIDAE Kjellesvig-Waering, 1986** **Triassic**
- † ***Stenoscorpio* Kjellesvig-Waering, 1986** **Triassic**
11. *Stenoscorpio gracilis* (Wills, 1910)* Tr Keuper sandstone
12. *Stenoscorpio pseudogracilis* (Wills, 1947) Tr Keuper sandstone
- † **ALLOPALAEOPHONOIDEA Kjellesvig-Waering, 1986** **Silurian**
- † **ALLOPALAEOPHONIDAE Kjellesvig-Waering, 1986** **Silurian**
- † ***Allopalaeophonus* Kjellesvig-Waering, 1986** **Silurian**
13. *Allopalaeophonus caledonicus* (Hunter, 1886)* S Logan Water
- i. = *Palaeophonus hunteri* Pocock, 1901 S Logan Water
- † **EOCTONOIDEA Kjellesvig-Waering, 1986** **Carboniferous**
- † **ALLOBUTHISCORPIIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Allobuthiscorpius* Kjellesvig-Waering, 1986** **Carboniferous**
14. *Allobuthiscorpius major* (Wills, 1960)* C Killburn Coal
- † ***Aspiscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
15. *Aspiscorpio eageri* Kjellesvig-Waering, 1986* C Sparth Bottoms
- Aspiscorpio* sp. in Poschmann (2009) C Saar
- † **ANTHRACOSCORPIONIDAE Frič, 1904** **Carboniferous**
- † ***Allobuthus* Kjellesvig-Waering, 1986** **Carboniferous**
16. *Allobuthus macrostethus* Kjellesvig-Waering, 1986* C Coseley
17. *Allobuthus pescei* (Vachon & Heyler, 1985) C Montceau-les-Mines
- † ***Anthracoscorpio* Kušta, 1885** **Carboniferous**
18. *Anthracoscorpio dunlopi* Pocock, 1911 C Airdrie
19. *Anthracoscorpio juvenis* Kušta, 1885* C Rakovník
- † ***Coseleyscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
20. *Coseleyscorpio lanceolatus* Kjellesvig-Waering, 1986* C Coseley
- † ***Lichnoscorpium* Petrunkevitch, 1949** **Carboniferous**
21. *Lichnoscorpium minutus* Petrunkevitch, 1949* C Coseley
- † **BUTHISCORPIIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Buthiscorpius* Petrunkevitch, 1953** **Carboniferous**
22. *Buthiscorpius buthiformis* (Pocock, 1911)* C Sparth Bottoms

23. *Buthiscorpius lemayi* Kjellesvig-Waering, 1986 C Illinois
- † **EOCTONIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † *Eoctonus* Petrunkevitch, 1913 **Carboniferous**
24. *Eoctonus miniatus* Petrunkevitch, 1913* C Mazon Creek
- † **GARNETTIIDAE** Dubinin, 1962 **Carboniferous**
- † *Garnettius* Petrunkevitch, 1953 **Carboniferous**
25. *Garnettius hungerfordi* (Elias, 1936)* C Garnett, Kansas
- † **GIGANTOSCORPIONOIDEA** Kjellesvig-Waering, 1986 **Devonian – Carbon.**
- † **GIGANTOSCORPIONIDAE** Kjellesvig-Waering, 1986 **Devonian – Carbon.**
- = † **PETALOSCORPIONIDAE** Kjellesvig-Waering, 1986
- † *Gigantoscrapio* Størmer, 1963 **Carboniferous**
26. *Gigantoscrapio willsi* Størmer, 1963* C Glencartholm
- † *Petaloscrapio* Kjellesvig-Waering, 1986 **Devonian**
27. *Petaloscrapio bureaui* Kjellesvig-Waering, 1986* D Miguasha, Quebec
- † **MESOPHONOIDEA** Wills, 1910 **Carbon. – Triassic**
- † **CENTROMACHIDAE** Petrunkevitch, 1953 **Carboniferous**
- = † **ANTHRACOCOAERILIDAE** Kjellesvig-Waering, 1986
- = † **PHOXISCORPIONIDAE** Kjellesvig-Waering, 1986
- † *Anthracochaerilus* Kjellesvig-Waering, 1986 **Carboniferous**
28. *Anthracochaerilus palustris* Kjellesvig-Waering, 1986* C Glencartholm
- † *Centromachus* Thorell & Lindström, 1885 **Carboniferous**
29. *Centromachus euglyptus* (Peach, 1883)* C Glencartholm
- † *Phoxiscrapio* Kjellesvig-Waering, 1986 **Carboniferous**
30. *Phoxiscrapio peachi* Kjellesvig-Waering, 1986* C Dalmeny, Edinburgh
- † *Pulmonoscrapio* Jeram, 1994a **Carboniferous**
31. *Pulmonoscrapio kirktonensis* Jeram, 1994a* C East Kirkton
- † **GALLIOSCORPIONIDAE** Lourenço & Gall, 2004 **Triassic**
- † *Gallioscrapio* Lourenço & Gall, 2004 **Triassic**
32. *Gallioscrapio voltzi* Lourenço & Gall, 2004* Tr Vosges, France
- † **HELOSCORPIONIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † *Heloscrapio* Kjellesvig-Waering, 1986 **Carboniferous**
33. *Heloscrapio sutcliffei* (Woodward, 1907b)* C Sparth Bottoms
- † **MAZONIIDAE** Petrunkevitch, 1913 **Carboniferous**
- † *Mazonia* Meek & Worthen, 1868b **Carboniferous**
34. *Mazonia wardingleyi* (Woodward, 1907b) C Sparth Bottoms

35. *Mazonia woodiana* Meek & Worthen, 1868b* C Mazon Creek
- † **MESOPHONIDAE** Wills, 1910 **Triassic**
- † **Mesophonus** Wills, 1910 **Triassic**
36. *Mesophonus perornatus* Wills, 1910* Tr Keuper sandstone
 i. = *Mesophonus opisthophthalmus* Wills, 1947 Tr Keuper sandstone
37. ?*Mesophonus pulcherrimus* Wills, 1910 Tr Keuper sandstone
38. ?*Mesophonus pulcherrimus immaculatus* Wills, 1947 Tr Keuper sandstone
- † **WILLSISCORPIONIDAE** Kjellesvig-Waering, 1986 **Triassic**
- † **Willsiscorpio** Kjellesvig-Waering, 1986 **Triassic**
39. *Willsiscorpio bromsgroviensis* (Wills, 1910)* Tr Keuper sandstone
- † **PALAEOSCORPOIDEA** Lehmann, 1944 **Devonain – Triassic**
- † **PALAEOSCORPIONIDAE** Lehmann, 1944 **Devonian**
- † **Palaeoscorpio** Lehmann, 1944 **Devonian**
40. *Palaeoscorpius devonicus* Lehmann, 1944* D Hünscruckschiefer
- † **SPONGIOPHONOIDEA** Kjellesvig-Waering, 1986 **Devonian – Triassic**
- † **PRAERCTURIDAE** Kjellesvig-Waering, 1986 **Devonian**
- † **Praearcturus** Woodward, 1871a **Devonian**
41. *Praearcturus gigas* Woodward, 1871a* D Rowelestone
- † **SPONGIOPHONIDAE** Kjellesvig-Waering, 1986 **Triassic**
- † **Spongiophonus** Wills, 1947 **Triassic**
42. *Spongiophonus pustulosus* Wills, 1947* Tr Keuper sandstone
- † **MERISTOSTERNINA** Kjellesvig-Waering, 1986 **Carboniferous**
- † **CYCLOPHTHALMOIDEA** Thorell & Lindström, 1885 **Carboniferous**
- † **CYCLOPHTHALMIDAE** Thorell & Lindström, 1885 **Carboniferous**
- † **Cyclophthalmus** Corda, 1835 **Carboniferous**
43. *Cyclophthalmus senior* Corda, 1835* C Cholme
44. *Cyclophthalmus robustus* Kjellesvig-Waering, 1986 C Coseley
45. ?*Cyclophthalmus sibiricus* Novojilov & Størmer, 1963 C Kemerov Region
- † **MICROLABIIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † **Microlabis** Corda, 1839 **Carboniferous**
46. *Microlabis sternbergii* Corda, 1839* C Cholme
- † **PALAEOBUTHOIDEA** Kjellesvig-Waering, 1986 **Carboniferous**
- † **PALAEOBUTHIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † **Palaeobuthus** Petrunkevitch, 1913 **Carboniferous**

- = † *Mazoniscorpio* Wills, 1960
47. *Palaeobuthus distinctus* Petrunkevitch, 1913* C Mazon Creek
 i. = *Mazoniscorpio mazonensis* Wills, 1960 C Mazon Creek
- † **LOBOSTERNINA Pocock, 1911** **Silurian – Carbon.**
- † **ISOBUTHOIDEA Petrunkevitch, 1913** **Carboniferous**
- † **EOBUTHIDAE Kjellesvig-Waering, 1986** **Carboniferous**
- † ***Eobuthus* Frič, 1904** **Carboniferous**
48. *Eobuthus cordai* Kjellesvig-Waering, 1986 C Kralupy Hill
 49. *Eobuthus holti* Pocock, 1911 C Sparth Bottoms
 50. *Eobuthus rakovnicensis* Frič, 1904* C Rakovník
- † **EOSCORPIIDAE Scudder, 1884** **Carboniferous**
- † ***Eoscorpius* Meek & Worthen, 1868a** **Carboniferous**
- = † *Alloscorpius* Petrunkevitch, 1949
 = † *Europhthalmus* Petrunkevitch, 1949
 = † *Lichnophthalmus* Petrunkevitch, 1949
 = † *Trigonoscorpio* Petrunkevitch, 1913
 = † *Typhlopisthacanthus* Petrunkevitch, 1949
 = † *Typhloscorpius* Petrunkevitch, 1949
51. *Eoscorpius bornaensis* Sterzel, 1918 C Chemnitz–Borna
 52. *Eoscorpius carbonarius* Meek & Worthen, 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
 53. *Eoscorpius casei* Kjellesvig-Waering, 1986 C Nova Scotia
 54. *Eoscorpius distinctus* (Petrunkevitch, 1949) C Coseley
 55. *Eoscorpius mucronatus* Kjellesvig-Waering, 1986 C Barnsley
 56. *Eoscorpius pulcher* (Petrunkevitch, 1949) C Barnsley
 i. = *Europhthalmus longimanus* Petrunkevitch, 1949 C Barnsley
 57. *Eoscorpius sparthensis* Baldwin & Sutcliffe, 1904 C Sparth Bottoms
- † ***Eskioscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
58. *Eskioscorpio parvus* Kjellesvig-Waering, 1986* C Glencartholm
- † ***Trachyscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
59. *Trachyscorpio squarrosus* Kjellesvig-Waering, 1986* C Fouldon
- † **ISOBUTHIDAE Petrunkevitch, 1913** **Carbon. – Triassic**
- † ***Boreoscorpio* Kjellesvig-Waering, 1986** **Carboniferous**
60. *Boreoscorpio copelandi* Kjellesvig-Waering, 1986* C Nova Scotia
- † ***Bromsgroviscorpio* Kjellesvig-Waering, 1986** **Triassic**
61. *Bromsgroviscorpio willsi* Kjellesvig-Waering, 1986* Tr Keuper sandstone
- † ***Feistmantelia* Frič, 1904** **Carboniferous**

62. <i>Feistmantelia ornata</i> Frič, 1904	C Studnoves
† <i>Isobuthus</i> Frič, 1904	Carboniferous
63. <i>Isobuthus kralupensis</i> (Thorell & Lindström, 1885)*	C Kralup
64. ? <i>Isobuthus nyranensis</i> Frič, 1904	C Nýřany
† KRONOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Kronoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
65. <i>Kronoscorpio danielsi</i> (Petrunkevitch, 1913)*	C Mazon Creek
† PAREOBUTHIDAE Wills, 1959	Carboniferous
† <i>Pareobuthus</i> Wills, 1959	Carboniferous
66. <i>Pareobuthus salopiensis</i> Wills, 1959*	C Shropshire
† PARAISOBUTHOIDEA Kjellesvig-Waering, 1986	Carboniferous
† OPSIEOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Opsieobuthus</i> Kjellesvig-Waering, 1986	Carboniferous
67. <i>Opsieobuthus pottsvillensis</i> (Moore, 1923)*	C Indiana
† PARAISOBUTHIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Leioscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
68. <i>Leioscorpio pseudobuthiformis</i> Kjellesvig-Waering, 1986*	C Coseley
† <i>Paraisobuthus</i> Kjellesvig-Waering, 1986	Carboniferous
69. <i>Paraisobuthus duobicarinatus</i> Kjellesvig-Waering, 1986	C Shipley
70. <i>Paraisobuthus frici</i> Kjellesvig-Waering, 1986	C Kralupy Hill
71. <i>Paraisobuthus prantli</i> Kjellesvig-Waering, 1986*	C Rakovník
72. <i>Paraisobuthus virginiae</i> Kjellesvig-Waering, 1986	C Mazon Creek
† SCOLOPOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Benniescorpio</i> Wills, 1960	Carboniferous
73. <i>Benniescorpio tuberculatus</i> (Peach, 1883)*	C Dysart, Fife
† <i>Scoloposcorpio</i> Kjellesvig-Waering, 1986	Carboniferous
74. <i>Scoloposcorpio cramondensis</i> Kjellesvig-Waering, 1986*	C Cramond, Edinburgh
† TELMATOSCORPIONIDAE Kjellesvig-Waering, 1986	Carboniferous
† <i>Telmatoscorpio</i> Kjellesvig-Waering, 1986	Carboniferous
75. <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
76. <i>Loboarchaeoctonus squamosus</i> Kjellesvig-Waering, 1986*	C Glencartholm

- † **PSEUDOBUTHISCORPIOIDEA** Kjellesvig-Waering, 1986 **Carboniferous**
- † **PSEUDIBUTHISCORPIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † *Pseudobuthiscorpius* Kjellesvig-Waering, 1986 **Carboniferous**
77. *Pseudobuthiscorpius labiosus* Kjellesvig-Waering, 1986* C Coseley
- † **WATERSTONIIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † *Waterstonia* Kjellesvig-Waering, 1986 **Carboniferous**
78. *Waterstonia airdriensis* Kjellesvig-Waering, 1986* C Airdrie
79. ?*Waterstonia brachistodactyla* Kjellesvig-Waering, 1986 [claw only !] ... C Beith, Ayrshire
- † **PALAEOPHONOIDEA** Thorell & Lindström, 1884 **Silurian**
- † **PALAEOPHONIDAE** Thorell & Lindström, 1884 **Silurian**
- † *Palaeophonus* Thorell & Lindström, 1884 **Silurian**
80. *Palaeophonus nuncius* Thorell & Lindström, 1884* S Visby, Gotland
81. ?*Palaeophonus lightbodyi* Kjellesvig-Waering, 1954 [claw only !] S Ludford Lane
- ORTHOSTERNINA** Pocock, 1911 **Carbon. – Recent**
- Orthosternina incertae sedis*
- † *Corniops* Jeram, 1994b **Carboniferous**
82. *Corniops mapesii* Jeram, 1994b* C Lone Star Lake
- SCORPIONIOIDEA** Latreille, 1802 **Carbon. – Recent**
- † **PALAEOPISTHACANTHIDAE** Kjellesvig-Waering, 1986 **Carboniferous**
- † *Palaeopisthacanthus* Petrunkevitch, 1913 **Carboniferous**
83. *Palaeopisthacanthus schucherti* Petrunkevitch, 1913* C Mazon Creek
- family uncertain
- † *Compsoscorpius* Petrunkevitch 1949 **Carboniferous**
84. *Compsoscorpius elegans* Petrunkevitch 1949* C Coseley
- i. = *Typhlopisthacanthus anglicus* Petrunkevitch, 1949 ... C Coseley
- ii. = *Compsoscorpius elongatus* Petrunkevitch, 1949 C Coseley
- PSEUDOCHACTIDAE** Gromov, 1998 **Recent**
- no fossil record
- BUTHOIDEA** C. L. Koch, 1837 **Cretaceous – Recent**
- family uncertain
- † *Palaeoburmesebuthus* Lourenço, 2002 **Cretaceous**
85. *Palaeoburmesebuthus grimaldii* Lourenço, 2002* K Myanmar amber
- † **ARCHAEOBUTHIDAE** Lourenço, 2001 **Cretaceous**
- † *Archaeobuthus* Lourenço, 2001 **Cretaceous**

86. <i>Archaeobuthus estephani</i> Lourenço, 2001*	K Lebanese amber
† PROTOBUTHIDAE Lourenço & Gall, 2004	Triassic
† <i>Protobuthus</i> Lourenço & Gall, 2004	Triassic
87. <i>Protobuthus elegans</i> Lourenço & Gall, 2004*	Tr Vosges
BUTHIDAE C. L. Koch, 1837	Palaeogene – Recent
= ANDROCTONIDAE C. L. Koch, 1837	
= MICROCHARMIDAE Lourenço, 1996a	
<i>Centruroides</i> Marx, 1890a	Neogene – Recent
88. <i>Centruroides nitidus</i> (Thorell, 1876a) [Recent]	Ne Dominican amber
i. = <i>Centruroides beynai</i> Schawaller, 1979a	Ne Dominican amber
<i>Microtityus</i> Kjellesvig-Waering, 1966c	Neogene – Recent
89. <i>Microtityus ambarensis</i> (Schawaller, 1982a)	Ne Dominican amber
† <i>Palaeoakentrobuthus</i> Lourenço & Weitschat, 2000	Palaeogene
90. <i>Palaeoakentrobuthus knodeli</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† <i>Palaeoananteris</i> Lourenço & Weitschat, 2001	Palaeogene
91. <i>Palaeoananteris ribnitodamgartensis</i> Lourenço & Weitschat, 2001*	Pa Baltic amber
92. <i>Palaeoananteris ukrainensis</i> Lourenço & Weitschat, 2009	Pa Rovno amber
93. <i>Palaeoananteris wunderlichi</i> Lourenço, 2004	Pa Baltic amber
† <i>Palaeoisometrus</i> Lourenço & Weitschat, 2005a	Palaeogene
94. <i>Palaeoisometrus elegans</i> Lourenço & Weitschat, 2005a*	Pa Baltic amber
† <i>Palaeogrosphus</i> Lourenço, 2000a	Neogene
95. <i>Palaeogrosphus copalensis</i> (Lourenço, 1996b)	Qt Copal
† <i>Palaeoprotobuthus</i> Lourenço & Weitschat, 2000	Palaeogene
96. <i>Palaeoprotobuthus pusillus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
† <i>Palaeospinobuthus</i> Lourenço, Henderickx & Weitschat, 2005	Palaeogene
97. <i>Palaeospinobuthus cenozoicus</i> Lourenço, Henderickx &	
Weitschat, 2005*	Pa Baltic amber
† <i>Palaeotityobuthus</i> Lourenço & Weitschat, 2000	Palaeogene
98. <i>Palaeotityobuthus longiaculeus</i> Lourenço & Weitschat, 2000*	Pa Baltic amber
<i>Tityus</i> C. L. Koch, 1836	?Palaeogene – Recent
99. ' <i>Tityus</i> ' <i>eogenus</i> Menge, 1869	Pa Baltic amber
100. <i>Tityus geratus</i> Santiago-Blay & Poinar, 1988	Ne Dominican amber
101. <i>Tityus (Brazilotityus) hartkorni</i> Lourenço, 2009	Ne Dominican amber
† <i>Uintascorpio</i> Perry, 1995	Palaeogene
102. <i>Uintascorpio halandrasorum</i> Perry, 1995*	Pa Green River
BUTHIDAE <i>incertae sedis</i>	
103. ' <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*b*

no fossil record

CHACTOIDEA Pocock, 1893 **Cretaceous – Recent**

† **PALAEOEUSCORPIDAE Lourenço, 2003** **Cretaceous**

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

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

CHACTIDAE Pocock, 1893 **Cretaceous – Recent**

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

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

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

Chactas Gervais, 1844 **Subrecent – Recent**

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

AKRAVIDAE Levy, 2007 **Recent**

no fossil record

CHAERILIDAE Pocock, 1893 **Recent**

no fossil record

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

no fossil record

EUSCORPIIDAE Laurie, 1896 **Recent**

no fossil record

HETEROSCORPIONIDAE Kraepelin, 1905 **Recent**

no fossil record

HEMISCORPIIDAE Pocock, 1893 **Cretaceous – Recent**

= ISCHNURIDAE Simon, 1879*a*

= LIOCHELIDAE Fet & Bechly, 2001

= † PROTOISCHNURIDAE Carvalho & Lourenço, 2001

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

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

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

no fossil record

SCORPIONIDAE Latreille, 1802 **Neogene – Recent**

= PANDINOIDAE Thorell, 1876*b*

= HETEROMETRIDAE Simon, 1879*a*

- † *Mioscorpio* Kjellesvig-Waering, 1986 **Neogene**
 108. *Mioscorpio zeuneri* (Hadži, 1931)* Ne Swabian Alps
- † *Sinoscorpius* Hong, 1983a **Neogene**
 109. *Sinoscorpius shandongensis* Hong, 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*
- † *Gymnoscorpium* Jeram, 1994b **Carboniferous**
 110. *Gymnoscorpium mutillidigitatus* Jeram, 1994b* C northern England
- † *Hubeiscorpium* Walossek, Li & Brauckmann, 1990 **Devonian**
 111. *Hubeiscorpium gracilitarsis* Walossek, Li & Brauckmann, 1990* D Hubei, China
- † *Liassoscorpionides* Bode, 1951 **Jurassic**
 112. *Liassoscorpionides schmidti* Bode, 1951* J Hondelage, Germany
- † *Palaeomachus* Pocock, 1911 **Carboniferous**
 113. *Palaeomachus anglicus* (Woodward, 1876)* C Mansfield
- † *Titanoscorpium* Kjellesvig-Waering, 1986 **Carboniferous**
 114. *Titanoscorpium douglassi* Kjellesvig-Waering, 1986 C Mazon Creek
- † *Wattisonia* Wills, 1960 **Carboniferous**
 115. *Wattisonia coseleyensis* Wills, 1960 C Coseley

MISIDENTIFICATIONS

1. ?*Mesophonus maculatus* (Brauer, Redtenbacher & Ganglbauer, 1889)
 [?insect: cockroach] J Siberia
2. *Tiphoscorpium hueberi* Kjellesvig-Waering, 1986 [myriapod: *Eoarthropleura*] D New York

OPILIONES

28 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	Cretaceous – Recent
† <i>Palaeosiro</i> Poinar, 2008	Cretaceous – Recent
1. <i>Palaeosiro burmanicum</i> Poinar, 2008	K Myanmar amber
query family? – all other Sironidae are European	
<i>Siro</i> Latreille, 1796	Palaeogene – Recent
2. <i>Siro platypedibus</i> Dunlop & Giribet, 2003	Pa Bitterfeld amber
STYLOCELLIDAE Hansen & Sørensen, 1904	Recent
no fossil record	
TROGLOSIRONIDAE Shear, 1993	Recent
no fossil record	
EUPNOI Hansen & Sørensen, 1904 (suborder)	Devonian - Recent
plesion taxa	
† <i>Eophalangium</i> Dunlop, Anderson, Kerp & Hass, 2004	Devonian
3. <i>Eophalangium sheari</i> Dunlop, Anderson, Kerp & Hass, 2004*	D Rhynie chert
† <i>Brigantibunum</i> Dunlop & Anderson, 2005	Carboniferous
4. <i>Brigantibunum listoni</i> Dunlop & Anderson, 2005*	C East Kirkton
† <i>Kustarachne</i> Scudder, 1890b	Carboniferous
5. <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

CADDOIDEA Banks, 1893	Palaeogene – Recent
CADDIDAE Banks, 1893	Palaeogene – Recent
Caddo Banks, 1892a	Palaeogene – Recent
6. <i>Caddo dentipalpus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
 PHALANGIOIDEA Latreille, 1802	Palaeogene – Recent
family uncertain	
† <i>Petrunkevitchiana</i> Mello-Leitão, 1937 [genus <i>incertae sedis</i>]	Palaeogene
7. <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
<i>Dicranopalpus</i> Doleschall, 1852	Palaeogene – Recent
8. <i>Dicranopalpus ramiger</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Opilio corniger</i> Menge, 1854	Pa Baltic amber
ii. = <i>Dicranopalpus palmnickensis</i> Roewer, 1939	Pa Baltic amber
?Phalangiidae	
9. <i>Opilio ovalis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
[probably misplaced at genus level]	
 SCLEROSOMATIDAE Simon, 1879a	Jurassic – Recent
† <i>Amauropilio</i> Mello-Leitão, 1937	Palaeogene
10. <i>Amauropilio atavus</i> (Cockerell, 1907)	Pa Florissant
11. <i>Amauropilio lacoeyi</i> (Petrunkevitch, 1922)	Pa Florissant
<i>Leiobunum</i> C. L. Koch, 1839a	Jurassic – Recent
12. <i>Leiobunum longipes</i> Menge, 1854	Pa Baltic amber
i. = <i>Leiobunum saporum</i> Menge, 1854 [? <i>lapsus</i>]	Pa Baltic amber
ii. = <i>Leiobunum inclusum</i> Roewer, 1939	Pa Baltic amber
† <i>Mesobunus</i> Huang, Selden & Dunlop, 2009	Jurassic
13. <i>Mesobunus martensi</i> Huang, Selden & Dunlop, 2009*	J Daohugou
 Family uncertain	
† <i>Daohugopilio</i> Huang, Selden & Dunlop, 2009	Jurassic
14. <i>Daohugopilio sheari</i> Huang, Selden & Dunlop, 2009*	J Daohugou
 DYSPNOI Hansen & Sørensen, 1904 (suborder)	Carbon. – Recent
family uncertain	
† <i>Echinopustulatus</i> Dunlop, 2004	Carboniferous

15. *Echinopustulatus samuelnelsoni* Dunlop, 2004* C Missouri
- ISCHYROPSALIDOIDEA Simon, 1879a** **Palaeogene – Recent**
- CERATOLASMATIDAE Shear, 1986** **Recent**
- no fossil record
- ISCHYROPSALIDIDAE Simon, 1879a** **Recent**
- no fossil record
- SABACONIDAE Dresco, 1970** **Palaeogene – Recent**
- Sabacon Simon, 1879a** **Palaeogene – Recent**
16. *Sabacon claviger* (Menge, 1854) Pa Baltic amber
- i. = *Sabacon bachofeni* Roewer, 1939 Pa Baltic amber
- TROGULOIDEA Sundevall, 1833** **Cretaceous – Recent**
- [family uncertain; Shear (2010) suggested it is not an ortholasmatine, but may represent a new family]
- † ***Halitherses* Giribet & Dunlop, 2005** **Cretaceous**
17. *Halitherses grimaldii* Giribet & Dunlop, 2005* K Myanmar amber
- DICRANOLASMATIDAE Simon, 1879a** **Recent**
- no fossil record
- † **EOTROGULIDAE Petrunkevitch, 1955a** **Carboniferous**
- † ***Eotrogulus* Thevenin, 1901** **Carboniferous**
18. *Eotrogulus fayoli* Thevenin, 1901* C Comentry
- NEMASTOMATIDAE Simon, 1879a** **Palaeogene – Recent**
- Histicostoma* Kratochvíl, 1958** **Palaeogene – Recent**
19. ?*Histicostoma tuberculatum* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- Mitostoma* Roewer, 1951** **Palaeogene – Recent**
20. ?*Mitostoma denticulatum* (C. L. Koch & Berendt, 1854) Pa Baltic amber
- i. = *Nemastoma succineum* Roewer, 1939 Pa Baltic amber
- Nemastoma* C. L. Koch, 1836** **Palaeogene – Recent**
21. ?*Nemastoma incertum* C. L. Koch & Berendt, 1854 Pa Baltic amber
- † **NEMASTOMOIDIDAE Petrunkevitch, 1955a** **Carboniferous**
- † ***Nemastomoides* Thevenin, 1901** **Carboniferous**
- = † *Protopilio* Petrunkevitch, 1913
22. *Nemastomoides elaveris* Thevenin, 1901* C Comentry
23. *Nemastomoides longipes* (Petrunkevitch, 1913) C Mazon Creek
- NIPPONOSALIDIDAE Martens, 1976** **Recent**
- no fossil record

TROGULIDAE Sundevall, 1833	Palaeogene – Recent
<i>Trogulus</i> Latreille, 1802	Palaeogene – Recent
24. <i>Trogulus longipes</i> Haupt, 1956	Pa Geiseltal
 LANIATORES Thorell, 1876c (suborder)	Palaeogene – Recent
family uncertain	
<i>Philacarus</i> Sørensen, 1932	Neogene – Recent
25. <i>Philacarus hispaniolensis</i> Cokendolpher & Poinar, 1992	Ne Dominican amber
 INSIDIATORES Loman, 1900 (infraorder)	Palaeogene – Recent
TRAVUNIOIDEA Absolon & Kratochvíl, 1932	Palaeogene – Recent
CLADONYCHIDAE Hadži, 1935	Palaeogene – Recent
† <i>Proholoscotolemon</i> Ubick & Dunlop, 2005	Palaeogene
26. <i>Proholoscotolemon nemastomoides</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
? <i>Proholoscotolemon</i> sp. in Ubick & Dunlop (2005)	Pa Baltic amber
 PENTANYCHIDAE Briggs, 1971	Recent
no fossil record	
 TRAVUNIIDAE Absolon & Kratochvíl, 1932	Recent
no fossil record	
 TRIAENONYCHOIDEA Sørensen, 1886	Recent
SYNTHETONYCHIIDAE Forster, 1954	Recent
no fossil record	
 TRIAENONYCHIDAE Sørensen, 1886	Recent
no fossil record	
 GRASSATORES Kury, 2002 (infraorder)	Neogene – Recent
SAMOIDEA Sørensen, 1886	Neogene – Recent
BIANTIDAE Thorell, 1889	Recent
no fossil record	
 ESCADABIIDAE Kury & Pérez González in Kury, 2003	Recent
no fossil record	
 KIMULIDAE Pérez González, Kury & Alonso-Zarazaga in Pérez González & Kury, 2007	Neogene – Recent
<i>Kimula</i> Goodnight & Goodnight, 1942	Neogene – Recent
<i>Kimula</i> sp. in Cokendolpher & Poinar (1992)	Ne Dominican amber

PODOCTIDAE Roewer, 1912	Recent
no fossil record	
SAMOIDEA Sørensen, 1886	Neogene – Recent
<i>Hummelinckiolus Šilhavý, 1979</i>	Neogene – Recent
27. <i>Hummelinckiolus silhavyi</i> Cokendolpher & Poinar, 1998	Ne Dominican amber
Pellobunus Banks, 1905	Neogene – Recent
28. <i>Pellobunus proavus</i> Cokendolpher, 1987	Ne Dominican amber
STYGNOMMATIDAE Roewer, 1923	Recent
no fossil record	
ASSAMIOIDEA Sørensen, 1884	Recent
ASSAMIIDAE Sørensen, 1884	Recent
no fossil record	
EPEDANIDAE Sørensen, 1886	Recent
no fossil record	
STYGNOPSISIDAE Sørensen, 1932	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

NOMINA DUBIA

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

MISIDENTIFICATIONS

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

6,401 Recent species according to Kury (2007)

PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

- † **PHALANGIOTARBIDA Haase, 1890** **Devonian – Permian**
 = † ARCHITARBIDA Petrunkevitch, 1945a
- † **ANTHRACOTARBIDAE Kjellesvig-Waering, 1969** **Carboniferous**
- † *Anthracotarbus* Kjellesvig-Waering, 1969 **Carboniferous**
1. *Anthracotarbus hintoni* Kjellesvig-Waering, 1969* C Oklahoma
- † **ARCHITARBIDAE Karsch, 1882** **Devonian – Carbon.**
 = † PHALANGIOTARBIDAE Haase, 1890
- † *Architarbus* Scudder, 1868 **Carboniferous**
2. *Architarbus hoffmanni* Guthörl, 1934 C Saar basin
 i. = *Opiliotarbus kliveri* Waterlot, 1935 C Saar basin
 ii. = *Goniotarbus sarana* Guthörl, 1965 C Saar basin
3. *Architarbus minor* Petrunkevitch, 1913 C Mazon Creek
4. *Architarbus rotundatus* Scudder, 1868* C Mazon Creek
- † *Bornatarbus* Rößler & Schneider, 1997 **Carboniferous**
5. *Bornatarbus mayasii* (Haupt in Nindel, 1955)* C Germany / UK
- † *Devonotarbus* Poschmann, Anderson & Dunlop, 2005 **Devonian**
6. *Devonotarbus hombachensis* Poschmann, Anderson & Dunlop, 2005* D Hombach
- † *Discotarbus* Petrunkevitch, 1913 **Carboniferous**
7. *Discotarbus deplanatus* Petrunkevitch, 1913* C Mazon Creek
- † *Geratarbus* Scudder, 1890b **Carboniferous**
8. *Geratarbus lacoei* 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. *Mesotarbus eggintoni* (Pocock, 1911) C Coseley

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

NOMINA DUBIA

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

no Recent species

PSUEDOSCORPIONES

40 currently valid species of fossil pseudoscorpion

PSEUDOSCORPIONES De Geer, 1778	Devonian – Recent
= CHERNETES Simon, 1879a	
= CHELONETHI Thorell, 1882	
EPIOCHIERATA Harvey, 1992 (suborder)	Devonian – Recent
CHTHONOIDEA Daday, 1888	Devonian – Recent
CHTHONIIDAE Daday, 1888	Palaeogene – Recent
<i>Chthonius</i> C. L. Koch, 1843a	Palaeogene – Recent
1. <i>Chthonius (Chthonius) mengei</i> Beier, 1937	Pa Baltic amber
2. <i>Chthonius (Chthonius) pristinus</i> Schawaller, 1978	Pa Baltic amber
<i>Pseudochthonius</i> Balzan, 1892	Neogene – Recent
3. <i>Pseudochthonius squamosus</i> Schawaller, 1980a	Ne Dominican amber
† DRACOCHELIDAE Schawaller, Shear & Bonamo, 1991	Devonian
† <i>Dracochela</i> Schawaller, Shear & Bonamo, 1991	Devonian
4. <i>Dracochela deprehendor</i> Schawaller, Shear & Bonamo, 1991*	D Gilboa
LECHYTIDAE Chamberlin, 1929	Neogene – Recent
<i>Lechytia</i> Balzan, 1892	Neogene – Recent
5. <i>Lechytia tertiaria</i> Schawaller, 1980a	Ne Dominican amber
TRIDENCHTHONIIDAE Balzan, 1892	Palaeogene – Recent
= DITHIDAE Chamberlin, 1929	
† <i>Chelignathus</i> Menge, 1854	Palaeogene
6. <i>Chelignathus kochii</i> Menge, 1854	Pa Baltic amber
FEALLOIDEA Ellingsen, 1906	Palaeogene – Recent
FEALLIDAE Ellingsen, 1906	Recent
no fossil record	
PSEUDOGARYPIDAE Chamberlin, 1923a	Palaeogene – Recent
<i>Pseudogarypus</i> Ellingsen, 1909	Palaeogene – Recent
7. <i>Pseudogarypus extensus</i> Beier, 1937	Pa Baltic amber
8. <i>Pseudogarypus hemprichii</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
9. <i>Pseudogarypus minor</i> Beier, 1947a	Pa Baltic amber

10. <i>Pseudogarypus pangaea</i> Henderickx in Henderickx et al., 2006.....	Pa	Baltic amber
IOCHIERATA Harvey, 1992 (suborder)		Cretaceous – Recent
HEMICTENATA Balzan, 1892 (infraorder)		Cretaceous – Recent
NEOBISIOIDEA Chamberlin, 1930		Cretaceous – Recent
BOCHICIDAE Chamberlin, 1930		Recent
= VACHONIIDAE Chamberlin, 1947		
no fossil record		
GYMNOBISIIDAE Beier, 1947b		Recent
no fossil record		
HYIDAE Chamberlin, 1930		Recent
no fossil record		
IDEORONCIDAE Chamberlin, 1930		Recent
no fossil record		
NEOBISIIDAE Chamberlin, 1930		Cretaceous – Recent
= OBISIIDAE Sundevall, 1833		
† <i>Electrobisium</i> Cockerell, 1917		Cretaceous
11. <i>Electrobisium acutum</i> Cockerell, 1917*	K	Myanmar amber
<i>Microcreagris</i> Balzan, 1892		Palaeogene – Recent
12. <i>Microcreagris koellneri</i> Schawaller, 1978	Pa	Baltic amber
<i>Neobisium</i> Chamberlin, 1930		Palaeogene – Recent
13. <i>Neobisium (Neobisium) extinctum</i> Beier, 1955	Pa	Baltic amber
14. <i>Neobisium henderickxi</i> Judson, 2003	Pa	Baltic amber
<i>Roncus</i> L. Koch, 1873		Palaeogene – Recent
15. <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 (infraorder)		Cretaceous – Recent
GARYPOIDEA Simon, 1879a		Cretaceous – Recent
GARYPIDAE Simon, 1879a		Recent
= SYNSPHRONIDAE Beier, 1932a		
no fossil record		
GARYPINIDAE Daday, 1888		Cretaceous – Recent

Amblyolpium Simon, 1898b	Cretaceous – Recent
16. <i>Amblyolpium burmiticum</i> (Cockerell, 1920)	K Myanmar amber
Garypinus Daday, 1888	Palaeogene – Recent
17. <i>Garypinus electri</i> Beier, 1937	Pa Baltic amber
GEOGARYPIDAE Chamberlin, 1930	Palaeogene – Recent
Geogarypus Chamberlin, 1930	Palaeogene – Recent
18. <i>Geogarypus gorskii</i> Henderickx, 2005	Pa Baltic amber
19. <i>Geogarypus macrodactylus</i> Beier, 1937	Pa Baltic amber
20. <i>Geogarypus major</i> Beier, 1937	Pa Baltic amber
LARCIDAE Harvey, 1992	Recent
no fossil record	
MENTHIDAE Chamberlin, 1930	Recent
no fossil record	
OLPIIDAE Banks, 1895	Palaeogene – Recent
no fossil record	
STERNOPHOROIDEA Chamberlin, 1923b	Neogene – Recent
STERNOPHORIDAE Chamberlin, 1923b	Neogene – Recent
<i>Idiogaryops</i> Hoff, 1963	Neogene – Recent
21. <i>Idiogaryops pumilus</i> (Hoff, 1963) [Recent]	Ne–R Dominican amber
CHEIRIDIOIDEA Hansen, 1894	Palaeogene – Recent
CHEIRIDIIDAE Hansen, 1894	Palaeogene – Recent
<i>Cheiridium</i> Menge, 1855	Palaeogene – Recent
22. <i>Cheiridium hartmanni</i> (Menge, 1854)	Pa Baltic amber
<i>Cryptocheiridium</i> Chamberlin, 1931a	Neogene – Recent
23. <i>Cryptocheiridium (Cryptocheiridium) antiquum</i> Schawaller, 1981	Ne Dominican amber
PSEUDOCHIRIDIIDAE Chamberlin, 1923b	Neogene – Recent
<i>Pseudochiridium</i> With, 1906	Neogene – Recent
24. <i>Pseudochiridium lindae</i> Judson, 2007	Ne Dominican amber
CHELIFEROIDEA Risso, 1826	Cretaceous – Recent
ATEMNIDAE Chamberlin, 1931a	Palaeogene – Recent
† <i>Progonatemnus</i> Beier, 1955	Palaeogene
25. <i>Progonatemnus succineus</i> Beier, 1955	Pa Baltic amber
CHELIFERIIDAE Risso, 1826	Cretaceous – Recent

Cheliferiidae? indet. <i>in</i> Judson (2009)	K Archingeay amber
† <i>Dichela</i> Menge, 1854	Palaeogene
= † <i>Oligochelifer</i> Beier, 1937	
26. <i>Dichela berendtii</i> Menge, 1954*	Pa Baltic amber
27. <i>Dichela gracilis</i> (Beier, 1937)	Pa Baltic amber
28. <i>Dichela granulatus</i> (Beier, 1937)	Pa Baltic amber
29. <i>Dichela serratidentatus</i> (Beier, 1937)	Pa Baltic amber
† <i>Electrochelifer</i> Beier, 1937	Palaeogene
30. <i>Electrochelifer bachofeni</i> Beier, 1947a	Pa Baltic amber
31. <i>Electrochelifer balticus</i> Beier, 1955	Pa Baltic amber
32. <i>Electrochelifer mengei</i> Beier, 1937*	Pa Baltic amber
33. <i>Electrochelifer rapulitarsus</i> Beier, 1947a	Pa Baltic amber
† <i>Heurtaultia</i> Judson, 2009 [tentative referral to family]	Cretaceous
34. <i>Heurtaultia rossiorum</i> Judson, 2009	K Archingeay amber
† <i>Pycnochelifer</i> Beier, 1937	Palaeogene
35. <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
36. <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>Oligochernes</i> Beier, 1937	Palaeogene
37. <i>Oligochernes bachofeni</i> Beier, 1937	Pa Baltic amber
38. <i>Oligochernes wigandi</i> (Menge, 1854)	Pa Baltic amber
<i>Pachychernes</i> Beier, 1932b	Neogene – Recent
39. <i>Pachychernes effossus</i> Schawaller, 1980b	Ne Dominican amber
WITHIIDAE Chamberlin, 1931b	Palaeogene – Recent
† <i>Beierowithius</i> Mahnert, 1879	Palaeogene
40. <i>Beierowithius sieboldtii</i> (Menge, 1854)*	Pa Baltic amber

NOMINA DUBIA

1. *Chelifer ehrenbergii* C. L. Koch & Berendt, 1854
2. *Chelifer eucarpus* Dalman, 1825

NOMINA NUDA

1. *Chelifer fossilis* Weyenbergh, 1874

3,385 Recent species according to Harvey (2009)

SOLIFUGAE

5 currently valid species of camel spider

- *Schneidarachne* appears to show some solifuge-like features and was tentatively assigned to the stem-lineage of this order; for convenience it is listed here alongside the camel spiders
- a family name Protosolpugidae has been proposed for *Protosolpuga*, but was not recognised in most of the subsequent literature – cf. Selden & Shear's (1996) revision

stem-lineage?

- † *Schneidarachne* Dunlop & Rössler, 2003 Carboniferous
1. *Schneidarachne saganii* Dunlop & Rössler, 2003* C Kamienna Góra

SOLIFUGAE Sundevall, 1833 Carbon. – Recent

- † *Protosolpuga* Petrunkevitch, 1913 Carboniferous
2. *Protosolpuga carbonaria* Petrunkevitch, 1913* C Mazon Creek

AMMOTRECHIDAE Roewer, 1934 Neogene – Recent

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

CEROMIDAE Roewer, 1933 Cretaceous – Recent

- † *Cratosolpuga* Selden *in* Selden & Shear, 1996 Cretaceous
4. *Cratosolpuga wunderlich* Selden *in* Selden & Shear, 1996* K Crato Formation

DAESIIDAE Kraepelin, 1899 Palaeogene – Recent

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

EREMOBATIDAE Kraepelin, 1901 Recent

no fossil record

GALEODIDAE Sundevall, 1833 Recent

no fossil record

GYLIPPIDAE Roewer, 1933 Recent

no fossil record

HEXISOPODIDAE Pocock, 1897 Recent

no fossil record

KARSCHIIDAE Kraepelin, 1899 **Recent**

no fossil record

MELANOBLOSSIDAE Roewer, 1933 **Recent**

no fossil record

MUMMUCIIDAE Roewer, 1934 **Recent**

no fossil record

RHAGODIDAE Pocock, 1897 **Recent**

no fossil record

SOLPUGIDAE Leach, 1815 **Recent**

no fossil record

1,075 Recent species according to Harvey (2003)

PALPIGRADI

1 currently valid species of fossil palpigrade

PALPIGRADI Thorell, 1888 **Neogene – Recent**

= MICROTHELYPHONIDA Grassi & Calandruccio, 1885

family uncertain

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

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

EUKOENENIIDAE Petrunkevitch, 1955a **Recent**

no fossil record

PROKOENENIIDAE Condé, 1996 **Recent**

no fossil record

MISIDENTIFICATIONS

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

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

78 Recent species according to Harvey (2003)

ACARI: PARASITIFORMES

14 currently valid species of fossil parasitiform mite

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

PARASITIFORMES Reuter, 1909 **Cretaceous – Recent**

= ANACTINOTRICHIDA author, date?

OPILIOACARIDA Zachvatkin, 1952 (suborder) **Palaeogene – Recent**

= NOTOSTIGMATA author, date?

OPILIOACARODEA Vitzthum, 1931 **Palaeogene – Recent**

OPILIOACARIDAE Vitzthum, 1931 **Palaeogene – Recent**

= NEOACARIDAE Chamberlin & Mulaik, 1942

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

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

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

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

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

= TETRASTIGMATA author, date?

HOLOTYHROIDEA Thorell, 1882 **Recent**

ALLOTHYRIDAE van der Hammen, 1972 **Recent**

no fossil record

HOLOTHYRIDAE Thorell, 1882 **Recent**

no fossil record

NEOTHYRIDAE Lehtinen, 1981 **Recent**

no fossil record

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

= METASTIGMATA author, date?

IXODOIDEA Banks, 1907 **Cretaceous – Recent**

ARGASIDAE Murray, 1877 **Cretaceous – Recent**

Carios Latreille, 1796 **Cretaceous – Recent**

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

Ornithodoros C. L. Koch, 1844	Neogene – Recent
4. <i>Ornithodoros antiquus</i> Poinar, 1995	Ne Dominican amber
IXODIDAE Banks, 1907	Cretaceous – Recent
Amblyomma C. L. Koch, 1844	Neogene – Recent
5. <i>Amblyomma</i> near <i>argentinae</i> Neumann, 1905 [Recent]	Ne–R Dominican amber
† Compluriscutata Poinar & Buckley, 2008	Cretaceous
6. <i>Compluriscutata vetulum</i> Poinar & Buckley, 2008*	K Myanmar amber
† Cornupalpatum Poinar & Brown, 2003	Cretaceous
7. <i>Cornupalpatum burmanicum</i> Poinar & Brown, 2003*	K Myanmar amber
Dermacentor C. L. Koch, 1844	Neogene – Recent
8. <i>Dermacentor</i> nr. <i>reticulatus</i> (Fabricius, 1794) [Recent] (<i>in Schille</i> 1916) ..	Ne–R in a Rhino's ear
Hyalomma C. L. Koch, 1844	Palaeogene – Recent
<i>Hyalomma</i> spp.	Pa Baltic amber
Ixodes Latreille, 1795	Palaeogene – Recent
9. <i>Ixodes succineus</i> Weidner, 1964	Pa Baltic amber
10. <i>Ixodes tertiaris</i> Scudder, 1885	Pa Wyoming
NUTALLIELLIDAE Schulze, 1935	Recent
no fossil record	
MESOSTIGMATA author, date? (suborder)	Palaeogene – Recent
= GAMASIDA Leach, 1815	
SEJIDA Kramer, 1885 (infraorder)	Palaeogene – Recent
= LIROASPINA author, date?	
= TRICHOPYGIDIINA author, date?	
SEJOIDEA Berlese, 1885	Palaeogene – Recent
ICHTHYOSTOMATOGASTERIDAE Sellnick, 1953	Recent
no fossil record	
SEJIDAE Berlese, 1885	Palaeogene – Recent
= LIROASPIDIDAE Trägårdh, 1946	
Sejus C. L. Koch, 1836 [NB: <i>Seius</i> in an invalid emendation]	Palaeogene – Recent
11. <i>Sejus bdelloides</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
UROPODELLIDAE Camin, 1955	Recent
no fossil record	
TRIGYNASPIDA author, date? (infraorder)	Recent
CERCOMEGISTINA Camin & Gorirossi, 1955 (cohort)	Recent
CERCOMEGISTOIDEA Trägårdh, 1937	Recent
ASTERNOSEIIDAE Valle, 1955	Recent

no fossil record

CERCOMEGISTIDAE Trägårdh, 1937 **Recent**

no fossil record

DAVACARIDAE Kethley, 1979 **Recent**

no fossil record

PYROSEJIDAE Lindquist & Moraza, 1993 **Recent**

no fossil record

SALTISEIIDAE Walter, 2000 **Recent**

no fossil record

SEIODIDAE Kethley, 1979 **Recent**

no fossil record

ANTENNOPHORINA Berlese, 1882 (cohort) **Recent**

ANTENNOPHOROIDEA Berlese, 1892 **Recent**

ANTENNOPHORIDAE Berlese, 1892 **Recent**

no fossil record

CELAENOPSOIDEA Berlese, 1892 **Recent**

CELAENOPSIDAE Berlese, 1892 **Recent**

no fossil record

COSTACARIDAE Hunter, 1993 **Recent**

no fossil record

DIPLOGYNIIDAE Trägårdh, 1941 **Recent**

no fossil record

EUZERCONIDAE Trägårdh, 1938 **Recent**

no fossil record

MEGACELAENOPSIDAE Funck, 1975 **Recent**

no fossil record

MEINERTULIDAE Trägårdh, 1950 **Recent**

no fossil record

NEOTENOGYNIIDAE Kethley, 1974 **Recent**

no fossil record

- SCHIZOGYNIIDAE Trägårdh, 1950** **Recent**
no fossil record
- TRIPLOGYNIIDAE Funck, 1977** **Recent**
no fossil record
- FEDRIZZIOIDEA Trägårdh, 1937** **Recent**
FEDRIZZIIDAE Trägårdh, 1937 **Recent**
no fossil record
- KLINCKOWSTROEMIIDAE author, date?** **Recent**
no fossil record
- PARAMEGISTIDAE Trägårdh, 1946** **Recent**
no fossil record
- PROMEGISTIDAE Kethley, 1979** **Recent**
no fossil record
- MEGISTHANOIDEA Berlese, 1914** **Recent**
HOPLOMEGISTIDAE author, date? **Recent**
no fossil record
- MEGISTHANIDAE Berlese, 1914** **Recent**
no fossil record
- PARANTENNULOIDEA Willmann, 1940** **Recent**
PARANTENNULIDAE Willmann, 1940 **Recent**
no fossil record
- PHILODANIDAE Kethley, 1977b** **Recent**
no fossil record
- AENICTEGUOIDEA Kethley, 1979** **Recent**
AENICTEGUIDAE Kethley, 1979 **Recent**
no fossil record
- MESSORACARIDAE Kethley, 1977** **Recent**
no fossil record
- PHYSALOZERCONIDAE Kethley, 1977** **Recent**
no fossil record

PTOCHACARIDAE Kethley, 1979	Recent
no fossil record	
MONOGYNASPIDA author, date? (infrorder)	Palaeogene – Recent
MICROGYNIINA Trägårdh, 1942 (cohort)	Recent
MICROGYNIOIDEA Trägårdh, 1942	Recent
MICROGYNIIDAE Trägårdh, 1942	Recent
= MICROSEJIDAE Trägårdh, 1942	
no fossil record	
NOTHOGYNIDAE Walter & Kranz, 1999	Recent
no fossil record	
HEATHERELLINA author, date? (cohort)	Recent
HEATHERELLOIDEA Walter, 1997	Recent
HEATHERELLIDAE Walter, 1997	Recent
no fossil record	
UROPODINA Kramer, 1881 (cohort)	Quaternary – Recent
UROPODIAE author, date? (subcohort)	Quaternary – Recent
PROTODINYCHOIDEA Evans, 1957	Recent
PROTODINYCHIDAE Evans, 1957	Recent
no fossil record	
THINOZERCONOIDEA Halbert, 1915	Recent
THINOZERCONIDAE Halbert, 1915	Recent
no fossil record	
POLYASPIDOIDEA Berlese, 1913	Recent
DITHINOZERCONIDAE Ainscough, 1979	Recent
no fossil record	
POLYASPIDIDAE Berlese, 1913	Recent
no fossil record	
TRACHYTIDAE Trägårdh, 1938	Recent
no fossil record	
UROPODOIDEA Kramer, 1881	Quaternary – Recent
CIRCOCYLLIBAMIDAE Sellnick, 1926	Recent
no fossil record	

DERAIOPHORIDAE Trägårdh, 1952	Recent
no fossil record	
DINYCHIDAE Berlese, 1916	Recent
no fossil record	
DISCOURELLIDAE Baker & Wharton, 1952	Recent
no fossil record	
MACRODINYCHIDAE Hirschmann, 1979	Recent
no fossil record	
METAGYNURIDAE Balogh, 1943	Recent
no fossil record	
NENTERIIDAE Hirschmann, 1979	Recent
no fossil record	
OPLITIDAE Johnston, 1968	Recent
no fossil record	
TREMATURIDAE Berlese, 1917	Recent
= TREMATURELLIDAE Trägårdh, 1944	
no fossil record	
TRIGONUPODIDAE Hirschmann <i>in</i> Wisniewski, 1979	Recent
no fossil record	
UROACTINIDAE Hirschmann & Zirngiebl-Nicol, 1964	Recent
no fossil record	
URODINYCHIDAE Berlese, 1917	Recent
no fossil record	
UROPODIDAE Kramer, 1881	Quaternary – Recent
<i>Oodinychus</i> Berlese, 1918	Quaternary – Recent
? <i>Oodinychus</i> sp. <i>in</i> Ramsay (1960)	Qt New Zealand
TRACHYUROPODOIDEA Berlese, 1917	Recent
TRACHYUROPODIDAE Berlese, 1917	Recent
no fossil record	

DIARTHROPHALLIAE Trägårdh, 1946 (subcohort)	Recent
DIARTHROPHALLOIDEA Trägårdh, 1946	Recent
DIARTHROPHALLIDAE Trägårdh, 1946	Recent
no fossil record	
HETEROZERCONINA author, date? (cohort)	Recent
HETEROZERCONOIDEA Berlese, 1892	Recent
DISCOZERCONIDAE Berlese, 1910	Recent
no fossil record	
HETEROZERCONIDAE Berlese, 1892	Recent
no fossil record	
GAMASINA author, date? (cohort)	Palaeogene – Recent
EPICRIIAE Vitzthum, 1938 (subcohort)	Neogene – Recent
EPICRIOIDEA Berlese, 1885	Recent
EPICRIIDAE Berlese, 1885	Recent
no fossil record	
ZERCONOIDEA Berlese, 1892	Neogene – Recent
COPROZERCONIDAE Moraza & Lindquist, 1999	Recent
no fossil record	
ZERCONIDAE Berlese, 1892	Neogene – Recent
† <i>Paleozercon</i> Błaszak, Cokendolpher & Polyak, 1995	Neogene
12. <i>Paleozercon cavernicolus</i> Błaszak, Cokendolpher & Polyak, 1995	Ne New Mexico
ARCTACARIAE author, date? (subcohort)	Recent
ARCTACAROIDEA Evans, 1955	Recent
ARCTACARIDAE Evans, 1955	Recent
no fossil record	
PARASITIAE Reuter, 1909 (subcohort)	Palaeogene – Recent
PARASITOIDEA Oudemans, 1901	Palaeogene – Recent
PARASITIDAE Oudemans, 1901	Palaeogene – Recent
<i>Aclerogamasus</i> Athias, 1971	Palaeogene – Recent
13. <i>Aclerogamasus stenocornis</i> Witaliński, 2000	Pa Baltic amber
DERMANYSSIAE author, date? (subcohort)	Neogene – Recent
VEIGAIOIDEA Oudemans, 1939	Recent
VEIGAIIDAE Oudemans, 1939	Recent

= GAMASOLAEALAPTIDAE Oudemans, 1939

no fossil record

RHODACAROIDEA Oudemans, 1902 Neogene – Recent

DIGAMASELLIDAE Evans, 1954 ...[not 57?]..... Neogene – Recent

***Dendrolaelaps* Halbert, 1915** Neogene – Recent

14. *Dendrolaelaps fossilis* Hirschman, 1971 Ne Chiapas amber

EURYPARASITIDAE d'Antony, 1987 Recent

no fossil record

GAMASIPHIDAE author, date? Recent

no fossil record

LAELAPTONYSSIDAE Womersley, 1956 Recent

no fossil record

OLOGAMASIDAE Ryke, 1962 Recent

no fossil record

PANTENIPHIDIDAE d'Antony, 1987 Recent

no fossil record

RHODACARIDAE Oudemans, 1902 Recent

no fossil record

EVIPHIDOIDEA Berlese, 1913 Quaternary–Recent

EVIPHIDIDAE Berlese, 1913 Recent

no fossil record

MACROCHELIDAE Vitzthum, 1930 Quaternary–Recent

***Macrocheles* Latreille, 1829** Quaternary–Recent

Macrocheles sp. in Ramsay (1960) Qt New Zealand

MEGALOLAELAPIDAE author, date? Recent

no fossil record

PACHYLAELAPIDAE Berlese, 1913 Recent

= NEOPARASITIDAE Oudemans, 1939

= BULBOGAMASIDAE Gu, Wang & Duan, 1991

no fossil record

PARHOLASPIDIDAE Evans, 1956 Recent

no fossil record

ASCOIDEA Oudemans, 1905	Quaternary – Recent
AMEROSEIIDAE Evans in Hughs, 1961	Recent
no fossil record	
ASCIDAE Oudemans, 1905 ...[or Voigts & Oudemans ?].....	Recent
no fossil record	
HALOLAELAPIDAE Karg, 1965	Recent
no fossil record	
PODOCINIDAE Berlese, 1913	Quaternary – Recent
Podocinidae sp. <i>in</i> Aoki (1974)	Qt Mizunami amber
PHYTOSEIOIDEA Berlese, 1916	Recent
OTOPHEIDOMENIDAE Treat, 1955	Recent
no fossil record	
PHYTOSEIIDAE Berlese, 1916	Recent
no fossil record	
DERMANYSSOIDEA Kolenati, 1859	Recent
DASYPONYSSIDAE Fonseca, 1940	Recent
no fossil record	
DERMANYSSIDAE Kolenati, 1859	Recent
no fossil record	
ENTONYSSIDAE Ewing, 1922	Recent
no fossil record	
HAEMOGAMASIDAE Oudemans, 1939	Recent
no fossil record	
HALARACHNIDAE Oudemans, 1906	Recent
no fossil record	
HIRSTIONYSSIDAE Evans & Till, 1966	Recent
no fossil record	
HISTRICHONYSSIDAE Keegan, Yunker & Baker, 1960	Recent
no fossil record	

IXODORHYNCHIDAE Ewing, 1923	Recent
no fossil record	
LAELAPIDAE Berlese, 1892	Recent
no fossil record	
LARVAMIMIDAE Elzinga, 1993	Recent
no fossil record	
LEPTOLAELAPIDAE Karg, 1978	Recent
no fossil record	
MACRONYSSIDAE Oudemans , 1936	Recent
no fossil record	
MANITHERIONYSSIDAE Radovsky & Yunker, 1971	Recent
no fossil record	
OMENTOLAELAPTIDAE Fain, 1961	Recent
no fossil record	
PNEUMOPHIONYSSIDAE Fonseca, 1940	Recent
no fossil record	
RAILLIETIIDAE Vitzthum, 1942	Recent
no fossil record	
RHINONYSSIDAE Trouessart, 1895	Recent
no fossil record	
SPELAEORHYNCHIDAE Oudemans, 1902	Recent
no fossil record	
SPINTURNICIDAE Oudemans, 1902	Recent
no fossil record	
TRICHOASPIDIDAE Gu, Wang & Li, 1991	Recent
no fossil record	
VARROIDAE Delfinado & Baker, 1974	Recent
no fossil record	

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

ACARIFORMES

292 currently valid species of fossil acariform mite

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

ACARIFORMES Zachvatkin, 1952 Devonian – Recent

= ACTINOTRICHIDA author, date?

TROMBIDIFORMES author, date? (suborder) Devonian – Recent

SPHAEROLICHIDA author, date? (infraorder) Recent

LORDALYCOIDEA Grandjean, 1939 Recent

LORDALYCHIDAE Grandjean, 1939 Recent

= HYBALICIDAE Theron, 1974

no fossil record

SPHAEROLICHOIDEA Berlese, 1913 Recent

SPHAEROLICHIDAE Berlese, 1913 Recent

no fossil record

PROSTIGMATA Kramer, 1877 (infraorder) Devonian – Recent

LABIDOSTOMATIDES author, date? (supercohort) Recent

LABIDOSTOMMATOIDEA Oudemans, 1906 Recent

LABIDOSTOMMATIDAE Oudemans, 1906 Recent

= NICOLETIELLIDAE Canestrini, 1891

no fossil record

EUPODIDES author, date? (supercohort) Devonian – Recent

BDELLOIDEA Dugès, 1834 Cretaceous – Recent

BDELLIDAE Dugès, 1834 Cretaceous – Recent

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

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

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

4. <i>Bdella vetusta</i> Ewing, 1937	K Manitobian amber
<i>Bdellodes</i> Oudemans, 1937	Palaeogene – Recent
5. <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
EUPODIDAE C. L. Koch, 1842	Recent
no fossil record	
ERIORHYNCHIDAE Qin & Halliday, 1997	Recent
no fossil record	
PENTAPALPIDAE Oliver & Theron, 2000	Recent
no fossil record	
PENTHALEIDAE Oudemans, 1931	Recent
no fossil record	
PENTHALODIDAE Thor, 1933	Palaogene – Recent
<i>Penthalodes</i> Murray, 1877	Palaeogene – Recent
6. <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
7. <i>Zachardia flexipes</i> Judson & Wunderlich, 2003	Pa Baltic amber
STRANDTMANNIIDAE Zacharda, 1979	Recent

no fossil record

TYDEOIDEA Kramer, 1877 Devonian – Recent

ERYNETIDAE Oudemans, 1931 Recent

= MICROEREUNETIDAE Bottazzi, 1950

no fossil record

IOLINIDAE Pritchard, 1956 Recent

no fossil record

TRIOPHYTYDEIDAE author, date? Recent

= MEYERELLIDAE André, 1979

no fossil record

TYDEIDAE Kramer, 1877 Devonian – Recent

† ***Palaeotydeus* Dubinin, 1962** Devonian – Recent

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

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

9. *Parapotacarus hirsti* Dubinin, 1962 D Rhynie chert

ERIOPHYOIDEA Nalepa, 1898 ?Palaeogene – Recent

= TETRAPODILI author, date?

DIPTILOMIOPIIDAE Keifer, 1944 Recent

no fossil record

ERIOPHYIDAE Nalepa, 1898 ?Palaeogene – Recent

***Aculops* Keifer, 1966** ? Palaeogene – Recent

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

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

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

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

PHYTOPTIDAE Murray, 1877 Neogene – Recent

= NALEPELLIDAE Roivainen, 1953

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

13. *Phytopus antiquus* van Heyden, 1860 [fossil gall] Ne Rott, Germany

ANYSTIDES author, date? (supercohort) Cretaceous – Recent

ANYSTINA author, date? (cohort) Cretaceous – Recent

CAECULOIDEA Berlese, 1883 Paleogene – Recent

CAECULIDAE Berlese, 1883 Paleogene – Recent

***Procaeculus* Jacot, 1936** Paleogene – Recent

14. <i>Procaeculus dominicensis</i> Coineau & Poinar, 2001	Ne Dominican amber
15. <i>Procaeculus eridosae</i> Coineau & Magowski, 1994	Pa Baltic amber
ADAMYSTOIDEA Cunliffe, 1957	Recent
ADAMYSTIDAE Cunliffe, 1957	Recent
= SAXIDROMIDAE Coineau, 1974	
no fossil record	
ANYSTOIDEA Oudemans, 1902	Cretaceous – Recent
ANYSTIDAE Oudemans, 1902	Cretaceous – Recent
<i>Anystidae</i> sp. <i>in</i> Aoki (1974)	Qt Mizunami amber
<i>Anystis</i> von Heyden, 1826	Cretaceous – Recent
16. <i>Anystis malleator</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
17. <i>Anystis subnuda</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
18. <i>Anystis venustula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† <i>Mesoanystis</i> Zacharda, 1985	Cretaceous
19. <i>Mesoanystis taymirensis</i> Zacharda, 1985*	K Siberian amber
† <i>Palaeoerythracarus</i> Zacharda, 1985	Palaeogene
20. <i>Palaeoerythracarus sachalinensis</i> Zacharda, 1985*	Pa Sachalin amber
PSEUDOCHEYLIDAE Oudemans, 1909	Recent
= STIGMOCHEYLIDAE Kethley, 1990	
no fossil record	
TENERIFFIIDAE Thor, 1911b	Recent
no fossil record	
PARATYDEOIDEA Baker, 1949	Recent
PARATYDEIDAE Baker, 1949	Recent
no fossil record	
STIGMOCHEYLIDAE author, date?	Recent
no fossil record	
POMERANTZIOIDEA Baker, 1949	Recent
POMERANTZIIDAE Baker, 1949	Recent
no fossil record	
PARASITENGONINA Oudemans, 1909 (cohort)	Cretaceous – Recent
ERYTHRAIAE author, date? (subcohort)	Cretaceous – Recent
CALYPTOSTOMATOIDEA Oudemans, 1923	Recent
CALYPTOSTOMATIDAE Oudemans, 1923	Recent

no fossil record

ERYTHRAEOIDEA Grandjean, 1947a	Cretaceous – Recent
larval Erythraeoidea <i>in</i> Zacharda & Krivoluckij (1985)	K Siberian amber
† Pararainbowia Dunlop, 2007	Cretaceous
21. <i>Pararainbowia martilli</i> Dunlop, 2007*	K Crato Formation
ERYTHRAEIDAE Robineau-Desvoidy, 1828	Paleogene – Recent
= LEPTIDAE Billberg, 1820	
= BALUSTIIDAE Grandjean, 1947	
Erythraeidae sp. <i>in</i> Aoki (1974)	Qt Mizunami amber
† Arytaena Menge, 1854 in C. L. Koch & Berendt, 1854	Paleogene
22. <i>Arytaena troguloides</i> Menge <i>in</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
Balaustium von Heyden, 1826	Paleogene – Recent
23. <i>Balaustium illustris</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Erythraeus Latrielle, 1806	Paleogene – Recent
24. <i>Erythraeus bifrons</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
25. <i>Erythraeus foveolatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
26. <i>Erythraeus hirsutus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
27. <i>Erythraeus lagopus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
28. <i>Erythraeus longipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
29. <i>Erythraeus proavus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
30. <i>Erythraeus procerus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
31. <i>Erythraeus raripilus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
32. <i>Erythraeus rostratus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
33. <i>Erythraeus saccatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Leptus Latrielle, 1796	Paleogene – Recent
34. <i>Leptus incertus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
† PROTERYTHRAEIDAE Vercammen-Grandjean, 1973	Cretaceous
† Proterythraeus Vercammen-Grandjean, 1973	Cretaceous
35. <i>Proterythraeus southcotti</i> Vercammen-Grandjean, 1973*	K Manitoba amber
SMARIDIDAE Vitzthum, 1929	Paleogene – Recent
Smarididae <i>in</i> Kulicka (1990)	Pa Baltic amber
TROMBIDIAE author, date? (subcohort)	Creteaceous – Recent
trombidiid mites?	
36. <i>Megameropsis aquensis</i> Gourret, 1887	Pa Aix-en-Provence
37. <i>Pseudopachygnathus maculatus</i> Gourret, 1887	Pa Aix-en-Provence
TANAUPODOIDEA Thor, 1935	Creteaceous – Recent

TANAUPODIDAE Thor, 1935	Creteaceous – Recent
= ?AMPHOTROMBIIDAE Zhang, 1998	
= TANAUPODASTRIDAE Feider, 1959	
† <i>Atanaupodus</i> Judson & Mağol, 2009	Cretaceous
38. <i>Atanaupodus bakeri</i> Judson & Mağol, 2009	K Archingeay amber
CHYZERIOIDEA Womersley, 1954	Recent
CHYZERIIDAE Womersley, 1954	Recent
no fossil record	
TROMBIDIOIDEA Leach, 1815	Paleogene – Recent
EUTROMBIDIIDAE Thor, 1935	Recent
no fossil record	
MICROTROMBIDIIDAE Thor, 1935	Recent
no fossil record	
NEOTROMBIDIIDAE Feider, 1955	Recent
no fossil record	
TROMBIDIIDAE Leach, 1815	Paleogene – Recent
= PARATHROMBIIDAE Feider, 1959	
<i>Allothrombium</i> Berlese, 1903	Paleogene – Recent
39. <i>Allothrombium clavipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
<i>Trombidium</i> Fabricius, 1775	Paleogene – Recent
40. <i>Trombidium crassipes</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
41. <i>Trombidium granulatum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
42. <i>Trombidium heterotrichum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
43. <i>Trombidium scrobiculatum</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
NB: the next two families may be synonyms	
WALCHIIDAE Ewing, 1946	Recent
no fossil record	
YUREBILLIDAE Southcott, 1996	Recent
no fossil record	
TROMBICULOIDEA Ewing, 1929	Recent
AUDYANIDAE Southcott, 1987	Recent
no fossil record	
JOHNSTONIANIDAE Thor, 1935	Recent
= NOTOTHROMBIIDAE Feider, 1959	

no fossil record

LEEUWENHOEKIIDAE Womersley, 1944 **Recent**

no fossil record

TROMBELLIDAE Leach, 1815 **Recent**

no fossil record

TROMBICULIDAE Ewing, 1929 **Recent**

= VATACARIDAE Southcott, 1957

no fossil record

HYDRACARNIDIAE van der Hoeven, 1849 (subcohort) **Neogene – Recent**

= HYDRACHNIDIA author, date?

= HYDRACHNELLAE author, date?

HYDRYPHANTOIDEA Piersig, 1896 **Recent**

CTENOTHYADIDAE Lundblad, 1936 **Recent**

no fossil record

EUPATRELLIDAE Viets, 1935 **Recent**

no fossil record

HYDRODROMIDAE Viets, 1936 **Recent**

= DIPLODONTIDAE Lundblad, 1927

no fossil record

HYDRYPHANTIDAE Piersig, 1896 **Recent**

= PROTZIIDAE Viets, 1926

no fossil record

RHYNCHOHYDRACARIDAE Lundblad, 1936 **Recent**

= CHATHROSPERCHONIDAE Lundblad, 1936

no fossil record

TERATOTHYADIDAE Viets, 1929 **Recent**

no fossil record

THERMACARIDAE Sokolow, 1927 **Recent**

no fossil record

ZELANDOTHYADIDAE Cook, 1983 **Recent**

no fossil record

- EYLAOIDEA Leach, 1815** **Recent**
APHEVIDERULICIDAE Gerecke, Smith & Cook, 1999 **Recent**
no fossil record
- EYLAIDAE Leach, 1815** **Recent**
no fossil record
- LIMNOCHARIDAE Grube, 1859** **Recent**
Limnochares Latreille, 1796 **Recent**
44. *Limnochares antiquus* Heyden, 1862 [apparently not a water mite] Pa Rott, Germany
- PIERSIGIIDAE Oudemans, 1902** **Recent**
no fossil record
- HYDROVOLZIOIDEA Thor, 1905** **Recent**
ACHERONTACARIDAE Cook, 1967 **Recent**
no fossil record
- HYDROVOLZIIDAE Thor, 1905** **Recent**
= POLYXOHALACARIDAE Motas, 1972
no fossil record
- HYDRACHNOIDEA Leach, 1815** **Recent**
HYDRACHNIDAE Leach, 1815 **Recent**
no fossil record
- LEBERTOIDEA Thor, 1900** **Recent**
ACUCAPITIDAE Wiles, 1996 **Recent**
no fossil record
- ANISITSIELLIDAE Koenicke, 1910** **Recent**
= MAMERSOPSIDAE Viets, 1914
no fossil record
- BANDAKIOPSIDAE Panesar, 2004** **Recent**
no fossil record
- LEBERTIIDAE Thor, 1900** **Recent**
no fossil record
- NILOTONIIDAE Viets, 1929** **Recent**
no fossil record

- OXIDAE Viets, 1926** **Recent**
no fossil record
- RUTRIPALPIDAE Solokow, 1834** **Recent**
no fossil record
- SPERCHONTIDAE Thor, 1900** **Recent**
no fossil record
- STYGOTONIIDAE Cook, 1992** **Recent**
no fossil record
- TEUTONIDAE Koenike, 1910** **Recent**
no fossil record
- TORRENTICOLIDAE Piersig, 1902** **Recent**
= ATTRACTIDEIDAE Thor, 1902
no fossil record
- HYGROBATOIDEA C. L. Koch, 1842** **Recent**
- ASTACOCROTONIDAE Thor, 1927** **Recent**
no fossil record
- ATURIDAE Thor, 1900** **Recent**
= BRADYPODIDAE Thor, 1900 [preoccupied]
= AXONOPSIDAE Viets, 1929
= LJANIIDAE Thor, 1929
= LETHAXONIDAE Cook, Smith & Harvey, 2000
no fossil record
- FELTRIIDAE Viets, 1926** **Recent**
no fossil record
- FERRADASIIDAE Cook, 1980** **Recent**
no fossil record
- FRONTIPODOPSIDAE Viets, 1931** **Recent**
no fossil record
- HYGROBATIDAE C. L. Koch, 1842b** **Recent**
no fossil record
- LIMNESIIDAE Thor, 1900** **Recent**

= NEOTORRENTICOLIDAE Lundblad, 1936

= EPALLAGOPODIDAE Viets, 1953

no fossil record

OMARTACARIDAE Cook, 1963 **Recent**

no fossil record

PIONIDAE Thor, 1900 **Recent**

= CURVIPEDIDAE Thor, 1900

= ACERCIDAE Thor, 1909

= FORELIIDAE Thor, 1923

= NAUTARACHNIDAE Walter, 1925

= HYDROCHOREUTIDAE Viets, 1942

no fossil record

PONTARACHNIDAE Koenicke, 1910 **Recent**

no fossil record

UNIONICOLIDAE Oudemans, 1909 **Recent**

= ATRACIDAE Thor, 1900

= NEUMANIIDAE Thor, 1923

no fossil record

WETTINIDAE Cook, 1956 **Recent**

no fossil record

ARRENUROIDEA Thor, 1900 **Neogene – Recent**

Family uncertain

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

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

ACALYPTONOTIDAE Walter, 1911 **Recent**

no fossil record

AMOENACARIDAE Smith & Cook, 1997 **Recent**

no fossil record

ARENOHYDRACARIDAE Cook, 1974 **Recent**

no fossil record

ARRENURIDAE Thor, 1900 **Recent**

no fossil record

ATHIENEMANNIIDAE Viets, 1922 **Recent**

= CHELOMIDEOPSIDAE Lundblad, 1962

no fossil record

BOGATIIDAE Motas & Tanasachi, 1938 **Recent**

no fossil record

CHAPPUISIDIDAE Motas & Tanasachi, 1946 **Recent**

no fossil record

GRETACARIDAE Viets, 1978 **Recent**

no fossil record

HARPAGOPALPIDAE Viets, 1924 **Recent**

no fossil record

HUNGAROHYDRACACARIDAE Motas & Tanasachi, 1959 **Recent**

no fossil record

KANTACARIDAE Imamura, 1959 **Recent**

no fossil record

KRENDOWSKIIDAE Viets, 1926 **Recent**

no fossil record

LAVERSIIDAE Cook, 1955 **Recent**

no fossil record

MIDEIDAE Thor, 1911a **Recent**

no fossil record

MIDEOPSIDAE Koenicke, 1910 **Recent**

= NUDOMIDEOPSIDAE Smith, 1990

no fossil record

MOMONIIDAE Viets, 1926 **Recent**

= STYGOMOMONIDAE Szalay, 1943

no fossil record

NEOACARIDAE Motas & Tanasachi, 1947 **Recent**

no fossil record

NIPPONACARIDAE Imamura, 1959 **Recent**

no fossil record

UCHIDASTYGACARIDAE Imamura, 1956	Recent
no fossil record	
STYGOTHROMBIAE Thor, 1935 (subcohort)	Recent
STYGOTHROMBOIDEA Thor, 1935	Recent
STYGOTHROMBIIDAE Thor, 1935	Recent
ELEUTHERENGONIDES Oudemans, 1909 (supercohort)	Cretaceous – Recent
RAPHIGNATHINA author, date? (cohort)	Cretaceous – Recent
MYOBIOIDEA Mégnin, 1877	Recent
MYOBIIDAE Mégnin, 1877	Recent
no fossil record	
PTERYGOSOMATOIDEA Oudemans, 1910	Recent
PTERYGOSOMATIDAE Oudemans, 1910	Recent
no fossil record	
RAPHIGNATHOIDEA Kramer, 1877	Paleogene – Recent
BARBUTIIDAE Robaux, 1975	Recent
no fossil record	
CALIGONELLIDAE Grandjean, 1944	Recent
no fossil record	
CAMEROBIIDAE Southcott, 1957	Paleogene – Recent
<i>Neophyllobius</i> Berlese, 1886	Paleogene – Recent
46. <i>Neophyllobius succineus</i> Bolland & Magowski, 1990.....	Pa Baltic amber
CRYPTOGNATHIDAE Oudemans, 1902	Paleogene – Recent
<i>Cryptognathus</i> Kramer, 1879	Paleogene – Recent
47. <i>Cryptognathus rhombeus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
DASYTHYREIDAE Walter & Gerson, 1998	Recent
no fossil record	
EUPALOPSELLIDAE Willmann, 1952	Recent
no fossil record	
HOMOCALIGIDAE Wood, 1969	Recent
no fossil record	
MECOGNATHIDAE Gerson & Walter, 1998	Recent

no fossil record

RAPHIGNATHIDAE Kramer, 1877 **Recent**

no fossil record

STIGMAEIDAE Oudemans, 1931 **Recent**

no fossil record

XENOCALIGONELLIDIDAE Gonzalez, 1978 **Recent**

no fossil record

TETRANYCHOIDEA Donnadieu, 1876 **Palaeogene – Recent**

ALLOCHAETOPHORIDAE Reck, 1959 **Recent**

no fossil record

LINOTETRANIDAE Baker & Pritchard, 1953 **Recent**

no fossil record

TENUIPALPIDAE Berlese, 1913 **Recent**

no fossil record

TETRANYCHIDAE Donnadieu, 1876 **Palaeogene – Recent**

= BRYOBIIDAE Berlese, date?

***Metatetranychus* Oudemans, 1931** **Palaeogene – Recent**

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

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

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

TUCKERELLIDAE Baker & Pritchard, 1953 **Recent**

no fossil record

CHEYLETOIDEA Leach, 1815 **Cretaceous – Recent**

CHEYLETIDAE Leach, 1815 **Cretaceous – Recent**

***Cheyletus* Latreille, 1796** **Cretaceous – Recent**

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

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

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

no fossil record

DEMODECIDAE Nicolet, 1855 **Recent**

no fossil record

EPIMYODICIDAE author, date?	Recent
no fossil record	
HARPYRHYNCHIDAE Dubinin, 1957	Recent
no fossil record	
OPHIOPTIDAE Southcott, 1956	Recent
no fossil record	
PSORERGATIDAE Dubinin <i>in</i> Bregatova <i>et al.</i> , 1955	Recent
no fossil record	
SYRINGOPHILIDAE Laviopierre, 1953	Recent
no fossil record	
HETEROSTIGMATINA Berlese, 1899 (cohort)	Cretaceous – Recent
TARSOCHYLOIDEA Atyeo & Baker, 1964	Recent
TARSOCHYLIDAE Atyeo & Baker, 1964	Recent
no fossil record	
HETEROCHYLOIDEA Trägårdh, 1950	Recent
HETEROCHYLIDAE Trägårdh, 1950	Recent
no fossil record	
DOLICHOCYBOIDEA Mahunka, 1970	Recent
CROTALOMORPHIDAE Lindquist & Kranz, 2002	Recent
no fossil record	
DOLICHOCYBIDAE Mahunka, 1970	Recent
no fossil record	
TROCHOMETRIDIOIDEA Mahunka, 1970	Recent
ATHYREACARIDAE Lindquist Kaliszewski & Rack, 1990	Recent
= BEMBIDIACARIDAE Khuastov, 2000	
no fossil record	
TROCHOMETRIDIIDAE Mahunka, 1970	Recent
no fossil record	
SCUTACAROIDEA Oudemans, 1916	Recent
MICRODISPIDAE Cross, 1965	Recent
no fossil record	

SCUTACARIDAE Oudemans, 1916	Recent
no fossil record	
PYGEMEPHOROIDEA Cross, 1965	Palaeogene – Recent
<i>Pygmephoroides</i> sp. <i>in</i> Magowski (1995)	Pa Baltic amber
PYGMEPHORIDAE Cross, 1965	Recent
no fossil record	
SITEROPTIDAE Mahunka, 1970	Recent
no fossil record	
PYEMOTOIDEA Oudemans, 1937	Cretaceous – Recent
ACAROPHENACIDAE Cross, 1965	Cretaceous – Recent
† <i>Protophenax</i> Magowski, 1994	Cretaceous
52. <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
53. <i>Pyemotes primus</i> Khaustov & Perkovsky, 2010	Pa Rovno amber
RESINACARIDAE author, date?	Recent
no fossil record	
TARSONEMOIDEA Canestrini & Fanzago, 1877	Quaternary – Recent
PODAPOLIPIDAE Ewing, 1922	Recent
no fossil record	
TARSONEMIDAE Canestrini & Fanzago, 1877	Quaternary – Recent
Tarsonemidae sp. <i>in</i> Aoki (1974)	Qt Mizunami amber
SARCOPTIFORMES author, date? (suborder)	Devonian – Recent
ENDEOSTIGMATA author, date? (infraorder)	Devonian – Recent
= PACHYGNATHINA author, date?	
ALYCINA author, date? (cohort)	
ALYCOIDEA Canestrini & Fanzago, 1877	Devonian – Recent
ALYCIDAE Canestrini & Fanzago, 1877	Devonian – Recent
= PACHYGNATHIDAE Kramer, 1877	

= BIMICHAELIIDAE Womersley, 1944

- † **Protacarus Hirst, 1923** **Devonian**
 54. *Protacarus crani* Hirst, 1923 D 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**
 55. *Protospeleorchestes pseudoprotacarus* Dubinin, 1962 D Rhyrie chert
- NEMATALYCINA author, date? (cohort)** **Recent**
NEMATALYCOIDEA Strenke, 1954 **Recent**
NEMATALYCIDAE Strenke, 1954 **Recent**
 no fossil record
- PROTONEMATALYCIDAE Kethley, 1989** [superfamily correct?] **Recent**
 no fossil record
- TERPNACARINA author, date? (cohort)** **Recent**
OEHSERCHESTOIDEA Kethley, 1977a **Recent**
OEHSERCHESTIDAE Kethley, 1977a **Recent**
 no fossil record
- TERPNACAROIDEA Grandjean, 1939** **Recent**
TERPNACARIDAE Grandjean, 1939 **Recent**
 no fossil record
- ALICORHAGIINA author, date? (cohort)** **Devonian – Recent**
ALICORHAGIOIDEA Grandjean, 1939 **Devonian – Recent**
ALICORHAGIIDAE Grandjean, 1939 **Devonian – Recent**
 † **Archaeacarus Kethley & Norton in Kethley et al., 1989** **Devonian**
 56. *Archaeacarus dubinini* Kethley & Norton in Kethley et al., 1989 D Gilboa
 † **Pseudoprotacarus Dubinin, 1962** **Devonian**
 57. *Pseudoprotacarus scoticus* Dubinin, 1962 D Rhyrie chert
- ORIBATIDA Dugès, 1834 (infraorder)** **Devonian – Recent**
 = CRYPTOSTIGMATA author, date?

NB: see remarks on the Ordovician fossil above

PALAEOSOMATA Grandjean, 1969 (supercohort)	Devonian–Recent
family uncertain	
† <i>Marcvipeda</i> Perez-DA, 1988	Palaeogene
58. <i>Marcvipeda magallanes</i> Perez-DA, 1988*	Pa 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
† <i>Monoaphelacarus</i> Subías & Arillo, 2002	Carboniferous
59. <i>Monoaphelacarus carboniferus</i> Subías & Arillo, 2002*	C County Antrim
APHELACARIDAE Grandjean, 1954c	Recent
no fossil record	
CTENACARIDAE Grandjean, 1954b	Devonian – Recent
† <i>Ctenacaronychus</i> Subías & Arillo, 2002	Devonian
60. <i>Ctenacaronychus nortoni</i> Subías & Arillo, 2002*	D New York
† <i>Palaeoctenacarus</i> Subías & Arillo, 2002	Carboniferous
61. <i>Palaeoctenacarus simmsoi</i> 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</i> Norton <i>et al.</i> , 1988	Devonian – Recent
† <i>Devonacarus</i> Norton <i>in</i> Norton <i>et al.</i> , 1988	Devonian – Recent
62. <i>Devonacarus sellnicki</i> Norton <i>in</i> Norton <i>et al.</i> , 1988*	D Gilboa
† PROTOCHTHONIIDAE Norton <i>in</i> Norton <i>et al.</i> , 1988	Devonian – Recent
† <i>Protochthonius</i> Norton <i>in</i> Norton <i>et al.</i> , 1988	Devonian – Recent
63. <i>Protochthonius gilboa</i> Norton <i>in</i> Norton <i>et al.</i> , 1988*	D Gilboa

BRACHYCHTHONIOIDEA Thor, 1934	Recent
BRACHYCHTHONIIDAE Thor, 1934	Recent
no fossil record	
ATOPOCHTHONIOIDEA Grandjean, 1948	Recent
ATOPOCHTHONIIDAE Grandjean, 1948	Recent
no fossil record	
PHYLLOCHTHONIIDAE Travé, 1967	Recent
no fossil record	
PTEROCHTHONIIDAE Grandjean, 1950	Recent
no fossil record	
HYPOCHTHONIOIDEA Berlese, 1910	Carbon. – Recent
ENIOCHTHONIIDAE Grandjean, 1947b	Recent
no fossil record	
HYPOCHTHONIIDAE Berlese, 1910	Carbon. – Recent
<i>Hypochthonius</i> C. L. Koch, 1835	Quaternary – Recent
64. <i>Hypochthonius rufulus</i> C. L. Koch, 1835 [Recent]	Qt Finland
† <i>Palaeohypochthonius</i> Subías & Arillo, 2002	Carboniferous
65. <i>Palaeohypochthonius jerami</i> Subías & Arillo, 2002*	C County Antrim
LOHMANNIIDAE Berlese, 1916	Recent
= XENOLOHMANNIDAE Balogh & Mahunka, 1969	
no fossil record	
MESOPLOPHORIDAE Ewing, 1917	Recent
= ARCHOPLOPHORIDAE Grandjean, 1965	
no fossil record	
PROTOPLOPHOROIDEA Ewing, 1917	Carbon. – Recent
COSMOCHTHONIIDAE Grandjean, 1947b	Carbon. – Recent
† <i>Carbochthonius</i> Subías & Arillo, 2002	Carboniferous
66. <i>Carbochthonius antrimensis</i> Subías & Arillo, 2002*	C County Antrim
HAPLOCHTHONIIDAE van der Hammen, 1959	Recent
no fossil record	
PEDICULOCHELIDAE Lavoipierre, 1946	Recent
no fossil record	

PROTHOPOPHORIDAE Ewing, 1917	Carbon. – Recent
= APOPOPHORIDAE Niedbala, 1984	
† <i>Archaeoplophora</i> Subías & Arillo, 2002	Carboniferous
67. <i>Archaeoplophora bella</i> Subías & Arillo, 2002*	C County Antrim
SPHAEROCHTHONIIDAE Grandjean, 1947 <i>b</i>	Recent
no fossil record	
HETEROCHTHONOIDEA Grandjean, 1954 <i>b</i>	Recent
ARBORICHTHONIIDAE Balogh & Balogh, 1992	Recent
no fossil record	
HETEROCHTHONIIDAE Grandjean, 1954 <i>b</i>	Recent
no fossil record	
TRICHTOCHTHONIIDAE author, date?	Recent
no fossil record	
PARHYPOSOMATA author, date? (supercohort)	Carbon. – Recent
PARHYPOCHTHONIOIDEA Grandjean, 1932 <i>b</i>	Carbon. – Recent
ELLIPTOCHTHONIIDAE Norton, 1975	Recent
no fossil record	
GEHYPOCHTHONIIDAE Strenzke, 1963	Carbon. – Recent
† <i>Gehypochthonimimus</i> Subías & Arillo, 2002	Carboniferous
68. <i>Gehypochthonimimus hibernicus</i> Subías & Arillo, 2002*	C County Antrim
PARHYPOCHTHONIIDAE Grandjean, 1932 <i>b</i>	Recent
no fossil record	
MIXONOMATA author, date? (supercohort)	Paleogene – Recent
NEHYPOCHTHONOIDEA Norton & Metz, 1980	Recent
NEHYPOCHTHONIIDAE Norton & Metz, 1980	Recent
no fossil record	
EULOHMANNOIDEA Grandjean, 1931	Recent
EULOHMANNIIDAE Grandjean, 1931	Recent
no fossil record	
PERLOHMANNIOIDEA Grandjean, 1954 <i>b</i>	Recent
PERLOHMANNIIDAE Grandjean, 1954 <i>b</i>	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**

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

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

70. *Embolacarus pergratus* Sellnick, 1919* Pa Baltic amber

EUPYCTIMA Grandjean, 1967 **Palaeogene – Recent**

NB: Eupyctima is listed here as a mixonomatid clade, but is not recognised in all classifications, or else is removed from this group and given equal rank

EUPHTHIRACAROIDEA Jacot, 1930 **Palaeogene – Recent**

EUPHTHIRACARIDAE Jacot, 1930 **Palaeogene – Recent**

Microtrititia Märkel, 1964 **Quaternary – Recent**

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

Rhysotrititia Märkel & Meyer, 1959 **Quaternary – Recent**

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

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

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

= SABAHRITIIDAE Mahunka, 1987

Oribotrititia Jacot, 1924 **Palaeogene – Recent**

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

75. *Oribotrititia translucida* Sellnick, 1931 Pa Baltic amber

SYNICHOTRITIIDAE Walker, 1965 **Recent**

no fossil record

PHTHIRACAROIDEA Perty, 1841 **Palaeogene – Recent**

PHTHIRACARIDAE Perty, 1841 **Palaeogene – Recent**

= STEGANACARIDAE Niedbala, 1986

Hoplophthiacarus Jacot, 1933 **Quaternary – Recent**

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

Phthiacarus Perty, 1841 **Palaeogene – Recent**

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

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

Steganacarus Ewing, 1917	Quaternary – Recent
79. <i>Steganacarus applicatus</i> (Sellnick, 1920) [Recent]	Qt Denmark
80. <i>Steganacarus carinatus</i> (C. L. Koch, 1841) [Recent]	Qt Finland
81. <i>Steganacarus striculus</i> (C. L. Koch, 1835) [Recent]	Qt Europe
<i>Steganacarus</i> sp.	Qt Finland
DESMONOMATA author, date? (supercohort)	Jurassic – Recent
NOTHRINA author, date? (cohort)	Jurassic – Recent
= HOLOSOMATA author, date?	
CROTONIOIDEA Thorell, 1876	Jurassic – Recent
CAMISIIDAE Oudemans, 1900	Cretaceous – Recent
Camisia von Heyden, 1826	Paleogene – Recent
82. <i>Camisia foveolata</i> Hammer, 1955 [Recent]	Qt western Norway
83. <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	
84. <i>Camisia invenusta</i> (Michael, 1888) [Recent]	Qt western Norway
85. <i>Camisia lapponica</i> Trägårdh, 1910 [Recent]	Qt Karelia, Russia
† Eocamisia Bulanova-Zachvatkina, 1974	Cretaceous
86. <i>Eocamisia sukatshevae</i> Bulanova-Zachvatkina, 1974*	K Siberian amber
Platynothrus Berlese, 1913	Quaternary – Recent
87. <i>Platynothrus peltifer</i> (C. L. Koch, 1839) [Recent]	Qt Greenland
88. <i>Platynothrus punctatus</i> (L. Koch, 1879) [Recent]	Qt northern Europe
CROTONIIDAE Thorell, 1876	Neogene – Recent
= HOLONOTHRIDAE Wallwork, 1963	
Crotonia Thorell, 1876	Neogene – Recent
89. <i>Crotonia ramus</i> (Womersley, 1957)	Ne Australian retinite
HERMANNIIDAE Sellnick, 1928	Palaeogene – Recent
= GALAPAGACARIDAE P. Balogh, 1985	
Hermannia Nicolet, 1855	Palaeogene – Recent
90. <i>Hermannia gibba</i> (C. L. Koch, 1839) [Recent]	Qt Finland
91. <i>Hermannia reticulata</i> Thorell, 1871 [Recent]	Qt Subarctic – Arctic
92. <i>Hermannia scabra</i> (L. Koch, 1879) [Recent]	Qt Greenland
93. <i>Hermannia sellnicki</i> Norton, 2006	Pa Baltic amber
MALACONOTHRIDAE Berlese, 1916	Quaternary – Recent
Malacoanthrus Berlese, 1904	Quaternary – Recent
94. <i>Malacoanthrus monodactylus</i> (Michael, 1888) [Recent]	Qt Europe
Trimalacoanthrus Berlese, 1916	Quaternary – Recent

95. *Trimalaconothrus maior* (Berlese, 1910) [Recent] Qt northern Europe
- NANHERMANNIIDAE Sellnick, 1928** **Quaternary – Recent**
- Nanhermannia* Berlese, 1913** **Quaternary – Recent**
96. *Nanhermannia coronata* Berlese, 1913 [Recent] Qt Karelia, Russia
97. *Nanhermannia elegantula* Berlese, 1913 [Recent] Qt Germany
- NOTHRIDAE Berlese, 1896** **Paleogene – Recent**
- Nothrus* C. L. Koch, 1836** **Paleogene – Recent**
98. *Nothrus illautus* Sellnick, 1919 Pa Baltic amber
99. *Nothrus punctulum* Karsch, 1884 Pa Baltic amber
100. *Nothrus silvestris* Nicolet, 1855 [Recent] Qt Europe
- TRHYPOCHTHONIIDAE Willmann, 1931** **Jurassic – Recent**
- = ALLONOTHRIDAE Lee, 1985
- = MUCRONOTHRIDAE Kunst, 1972
- = PARALLONOTHRIDAE Badejo, Woas & Beck, 2002
- = TRHYPOCHTHONIELLIDAE Knülle, 1957
- Allonothrus* van der Hammen, 1953** **Neogene – Recent**
- Allonothrus* sp. in Norton & Poinar (1993) Ne Dominican amber
- † ***Juracarus* Krivolutsky in Krivolutsky & Krasilov, 1977** **Jurassic – Recent**
101. *Juracarus serratus* Krivolutsky in Krivolutsky & Krasilov, 1977 J Russian far east
- Mucronothrus* Trägårdh, 1931** **Quaternary – Recent**
102. *Mucronothrus nasalis* (Willmann, 1929) [Recent] Qt Karelia, Russia
- † ***Palaeochthonius* Krivolutsky in Krivolutsky & Krasilov, 1977** **Jurassic – Recent**
103. *Palaeochthonius krasilovi* Krivolutsky in Kriv. & Krasilov, 1977 J Russian far east
- Trhypochthonius* Berlese, 1904** **Palaeogene – Recent**
104. *Trhypochthonius badiformis* Sellnick, 1931 Pa Baltic amber
105. *Trhypochthonius cladonicola* (Willmann, 1919) [Recent] Qt Germany
106. *Trhypochthonius corniculatus* Sellnick, 1931 Pa Baltic amber
107. *Trhypochthonius tectorum* (Berlese, 1896) [Recent] Qt Karelia, Russia
- BRACHYPYLINA author, date? (cohort)** **Jurassic – Recent**
- = CIRCUMDEHISCENTIAE Grandjean, 1954b
- = PORONOTA Grandjean, 1954b [in part; taxon used for seven brachypylina superfamilies]
- family uncertain**
- † ***Plategeocranus* Sellnick, 1919** **Palaeogene**
108. *Plategeocranus sulcatus* (Karsch, 1884)* Pa Baltic amber
- † ***Strieremaeus* Sellnick, 1919** **Palaeogene – Recent**
109. *Strieremaeus cordiformatus* Sellnick, 1919 Pa Baltic amber
110. *Strieremaeus illibatus* Sellnick, 1919 Pa Baltic amber

superfamily uncertain

ARIBATIDAE Aoki, Takaku & Ito, 1994	Recent
no fossil record	
HERMANNIELLOIDEA Grandjean, 1934	Paleogene – Recent
HERMANNIELLIDAE Grandjean, 1934	Paleogene – Recent
<i>Hermanniella</i> Berlese, 1908	Paleogene – Recent
111. <i>Hermanniella concamerata</i> Sellnick, 1931	Pa Baltic amber
112. <i>Hermanniella tuberculata</i> Sellnick, 1919	Pa Baltic amber
<i>Sacculobates</i> Grandjean, 1962	Neogene – Recent
<i>Sacculobates</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
PLASMOBATIDAE Grandjean, 1961a	Recent
no fossil record	
NEOLIODOIDEA Sellnick, 1928	Palaeogene – Recent
= LIODOIDEA Grandjean, 1954b	
NEOLIODIDAE Sellnick, 1928	Palaeogene – Recent
= LIODIDAE Grandjean, 1954b	
<i>Liodes</i> von Heyden, 1826	Neogene – Recent
113. <i>Liodes brevitarsus</i> (Woolley, 1971)	Ne Chiapas amber
<i>Liodes</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
<i>Neoliodes</i> Berlese, 1888	Palaeogene – Recent
114. <i>Neoliodes dominicus</i> Heethoff, Helfen & Norton, 2009	Ne Dominican amber
115. <i>Neoliodes quadriscutatus</i> Sellnick, 1919	Pa Baltic amber
<i>Platyliodes</i> Berlese, 1917	Palaeogene – Recent
116. <i>Platyliodes ensigerus</i> (Sellnick, 1919)	Pa Baltic amber
<i>Teleliodes</i> author, date?	Neogene – Recent
<i>Teleliodes</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
PLATEREMAEOIDEA Trägårdh, 1926	Cretaceous – Recent
= GYMNODAMAEOIDEA Grandjean, 1954a	
ALEURODAMAEIDAE Paschoal & Johnston, 1985	Recent
no fossil record	
GYMNODAMAEIDAE Grandjean, 1954a	Paleogene – Recent
<i>Gymnodamaeus</i> Kulczynski, 1902	Paleogene – Recent
117. <i>Gymnodamaeus sepotisus</i> Sellnick, 1919	Pa Baltic amber
IDIODAMAEIDAE Paschoal, 1987	Recent
no fossil record	

LICNOBELBIDAE Grandjean, 1965a	Recent
no fossil record	
LICNODAMAEIDAE Grandjean, 1954b	Recent
= NACUNANSELLIDAE author, date	
no fossil record	
LYRIFISSIELLIDAE Paschoal, 1987	Recent
no fossil record	
PEDROCORTESELLIDAE Paschoal, 1987	Recent
no fossil record	
PHEROLIODIDAE Paschoal, 1987	Recent
= HAMMERIELLIDAE Paschoal, 1987	
= NOOLIODIDAE Paschoal, 1987	
no fossil record	
PLATEREMAEIDAE Trägårdh, 1926	Cretaceous – Recent
<i>Rasnitsynella</i> Krivoluckij, 1976	Cretaceous
118. <i>Rasnitsynella punctulata</i> Krivoluckij, 1976	K Taymir amber
DAMAEOIDEA Berlese, 1896	Paleogene – Recent
DAMAEIDAE Berlese, 1896	Paleogene – Recent
Damaeidae sp. <i>in Aoki</i> (1974)	Qt Mizunami amber
<i>Belba</i> von Heyden, 1826	Quaternary – Recent
119. <i>Belba compta</i> (Kulczynski, 1902) [Recent]	Qt western Norway
120. <i>Belba cornyops</i> (Hermann, 1804)* [Recent]	Qt Finland
† <i>Belbites</i> Pampaloni, 1902	Neogene
121. <i>Belbites disodilis</i> Pampaloni, 1902*	Ne? Sicily
<i>Damaeobelba</i> Sellnick, 1928	Quaternary – Recent
122. <i>Damaeobelba minutissima</i> (Sellnick, 1920) [Recent]	Qt Germany
<i>Damaeus</i> C. L. Koch, 1835	Paleogene – Recent
123. <i>Damaeus auritus</i> C. L. Koch, 1835* [Recent]	Qt Finland
124. <i>Damaeus genadensis</i> Sellnick, 1931	Pa Baltic amber
<i>Spatiodamaeus</i> Bulanova-Zachvatkina, 1967	Quaternary – Recent
125. <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
126. <i>Cepheus cepheiformis</i> (Nicolet, 1855) [Recent]	Qt Finland
127. <i>Cepheus dentatus</i> (Michael, 1888) [Recent]	Qt Finland
128. <i>Cepheus implicatus</i> (Sellnick, 1919)	Pa Baltic amber
129. <i>Cepheus latus</i> C. L. Koch, 1835* [Recent]	Qt Finland
Eupterotegaeus Berlese, 1916	Cretaceous – Recent
130. <i>Eupterotegaeus bitranslamellatus</i> Arillo & Subías, 2002	K Álava amber
Ommatocepheus Berlese, 1913	Cretaceous – Recent
131. <i>Ommatocepheus nortoni</i> Arillo, Subías & Shtanchaeva, 2008	K Álava amber
EUTEGAEIDAE Balogh, 1965	Recent
= PTEROZETIDAE Luxton, 1988	
no fossil record	
MICROTEGEIDAE Balogh, 1972	Recent
no fossil record	
NODOCEPHEIDAE Pfiffli, 1972	Recent
no fossil record	
PTEROBATIDAE Balogh & Balogh, 1992	Recent
no fossil record	
POLYPTEROZETOIDEA Grandjean, 1959	Recent
PODOPTEROTEGAEIDAE Pfiffli, 1972	Recent
no fossil record	
POLYPTEROZETIDAE Grandjean, 1959	Recent
no fossil record	
TUMEROZETIDAE Hammer, 1966	Recent
no fossil record	
MICROZETOIDEA Grandjean, 1936a	Recent
MICROZETIDAE Grandjean, 1936a	Recent
no fossil record	
AMEROIDEA Bulanova-Zachvatkina, 1957	Palaeogene – Recent
= AMEROBELBOIDEA Grandjean, 1954b	
= CALEREMEIOIDEA Grandjean, 1965c	

- AMERIDAE** Bulanova-Zachvatkina, 1957 **Recent**
no fossil record
- AMEROBELBIDAE** Grandjean, 1961*b* **Recent**
no fossil record
- BASILOBELBIDAE** Balogh, 1961 **Recent**
no fossil record
- CALEREMAEIDAE** Grandjean, 1965*c* **Palaeogene – Recent**
Caleremaeus Berlese, 1910 **Palaeogene – Recent**
132. *Caleremaeus gleso* Sellnick, 1931 Pa Baltic amber
- CTENOBELBIDAE** Grandjean, 1965*b* **Recent**
no fossil record
- DAMAEOLIDAE** Grandjean, 1965*b* **Recent**
no fossil record
- EREMOBELBIDAE** Balogh, 1961 **Recent**
no fossil record
- EREMULIDAE** Grandjean, 1965*b* **Recent**
no fossil record
- HETEROBELBIDAE** Balogh, 1961 **Recent**
no fossil record
- HUNGAROBELBIDAE** Miko & Travé, 1996 **Recent**
no fossil record
- STAUROBATIDAE** Grandjean, 1966 **Recent**
no fossil record
- EREMAEOIDEA** Oudemans, 1900 **Cretaceous – Recent**
= NIPHOCEPHOIDEA Travé, 1959 [a separate superfamily in some studies]
= ZETORCHESTOIDEA Michael, 1898 [a separate superfamily in some studies]
- † **ARCHAEORCHESTIDAE** Arillo & Subías, 2000 **Cretaceous**
† *Archaeorchestes* Arillo & Subías, 2000 **Cretaceous**
133. *Archaeorchestes minguezae* Arillo & Subías, 2000 K Álava amber
- EREMAEIDAE** Oudemans, 1900 **Paleogene – Recent**
Eremaeus C. L. Koch, 1836 **Paleogene – Recent**
134. *Eremaeus hepaticus* C. L. Koch, 1835* **[Recent]** Qt Germany

135. *Eremaeus oblongus* [Recent] *fossilis* Sellnick, 1919 Pa Baltic amber
Eueremaeus Mihelcic, 1963 **Quaternary – Recent**
136. *Eueremaeus silvestris* (Forsslund, 1956) [Recent] Qt Finland
† **Gradidorsum Sellnick, 1919** **Palaeogene – Recent**
137. *Gradidorsum asper* Sellnick, 1919* Pa Baltic amber
- MEGEREMAEIDAE Woolley & Higgins, 1968** **Recent**
no fossil record
- NIPHOCEPHEIDAE Travé, 1959** **Recent**
no fossil record
- ZETORCHESTIDAE Michael, 1898** **Recent**
no fossil record
- GUSTAVIOIDEA Oudemans, 1900** **Jurassic – Recent**
= LIACAROIDEA Sellnick, 1928
- ASTEGISTIDAE Balogh, 1961** **Jurassic – Recent**
- Astegistes Hull, 1916** **Quaternary – Recent**
138. *Astegistes pilosus* (C. L. Koch, 1840) [Recent] Qt Karelia, Russia
- Cultroribula Berlese, 1908** **Jurassic – Recent**
139. *Cultroribula jurassica* Krivolutsky in Krivolutsky & Krasilov, 1977 J Russian far east
140. *Cultroribula lauta* Sellnick, 1931 Pa Baltic amber
141. *Cultroribula superba* Sellnick, 1931 Pa Baltic amber
- GUSTAVIIDAE Oudemans, 1900** **Quaternary – Recent**
- Gustavia Kramer, 1879** **Quaternary – Recent**
142. *Gustavia microcephala* (Nicolet, 1855) [Recent] Qt Finland
- KODIAKELLIDAE Hammer, 1967** **Recent**
no fossil record
- LIACARIDAE Sellnick, 1928** **Quaternary – Recent**
= XENILLIDAE Woolley & Higgins, 1966
- Adoristes Hull, 1916** **Quaternary – Recent**
143. *Adoristes ovatus* (C. L. Koch, 1839)* [Recent] Qt northern Europe
- Liacarus Michael, 1898** **Quaternary – Recent**
144. *Liacarus coracinus* (C. L. Koch, 1841) [Recent] Qt Finland
- Xenillus Robineau-Desvoidy, 1839** **Paleogene – Recent**
145. *Xenillus tegeocraniformis* (Sellnick, 1919) Pa Baltic amber
- MULTORIBULIDAE Balogh, 1972** **Recent**

no fossil record

PELOPPIIDAE Balogh, 1943 **Paleogene – Recent**

Ceratoppia Berlese, 1908 **Paleogene – Recent**

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

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

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

TENUIALIDAE Jacot, 1929 **Quaternary – Recent**

Hafenrefferia Oudemans, 1906 **Quaternary – Recent**

148. *Hafenrefferia gilvipes* (C. L. Koch, 1839)* **[Recent]** Qt Finland

CARABODOIDEA C. L. Koch, 1843b **Palaeogene – Recent**

= OCTOCEPHOIDEA Balogh, 1961

CARABOCEPHEIDAE Mahunka, 1986 **Recent**

no fossil record

CARABODIDAE C. L. Koch, 1843b **Palaeogene – Recent**

Carabodes C. L. Koch, 1835 **Palaeogene – Recent**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Odontocepheus Berlese, 1913 **Quaternary – Recent**

162. *Odontocepheus elongatus* (Michael, 1879)* **[Recent]** Qt Finland

DAMPFIELLIDAE Balogh, 1961 **Recent**

no fossil record

NIPPOBODIDAE Aoki, 1959 **Recent**

no fossil record

OTOCEPHEIDAE Balogh, 1961	Paleogene – Recent
<i>Dolicheremaeus</i> Jacot, 1938	Neogene – Recent
<i>Dolicheremaeus</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
Otocephaeus Berlese, 1905	Paleogene – Recent
163. <i>Otocephaeus niger</i> Sellnick, 1931	Pa Baltic amber
164. <i>Otocephaeus praesignis</i> Sellnick, 1931	Pa Baltic amber
TOKUNOCEPHEIDAE Aoki, 1966a	Recent
no fossil record	
OPPIOIDEA Grandjean, 1951	Palaeogene – Recent
= EREMELLOIDEA Balogh, 1961 [in part]	
= TRIZETOIDEA Ewing, 1917 [in part]	
AUTOGNETIDAE Grandjean, 1960b	Quaternary – Recent
<i>Conchogneta</i> Grandjean, 1963	Quaternary – Recent
165. <i>Conchogneta traegardhi</i> (Forsslund, 1947) [Recent]	Qt Finland
ARCEREMAEIDAE Balogh, 1972	Recent
no fossil record	
BORHIDIIDAE Balogh, 1983	Recent
no fossil record	
CHAVINIIDAE Balogh, 1983	Recent
no fossil record	
ENANTIOPPIIDAE Balogh, 1983	Recent
no fossil record	
EPIMERELLIDAE Ayyildiz & Luxton, 1989	Recent
no fossil record	
GRANULOPPIIDAE Balogh, 1983	Recent
no fossil record	
MACHADOBELBIDAE Balogh, 1972	Recent
no fossil record	
MACHUELLIDAE Balogh, 1893	Recent
no fossil record	
NOSYBELBIDAE Mahunka, 1994	Recent

no fossil record

OPPIIDAE Grandjean, 1951	Palaeogene – Recent
<i>Dissorhina</i> Hull, 1916	Quaternary – Recent
166. <i>Dissorhina ornata</i> (Oudemans, 1900)* [Recent]	Qt Germany
Oppia C. L. Koch, 1836	Palaeogene – Recent
167. <i>Oppia angustum</i> (Sellnick, 1931)	Pa Baltic amber
168. <i>Oppia cervicornu</i> (Sellnick, 1919)	Pa Baltic amber
169. <i>Oppites hurdi</i> Woolley, 1971	Ne Chiapas amber
170. <i>Oppia longilamellata</i> [Recent] <i>fossilis</i> (Sellnick, 1931)	Pa Baltic amber
171. <i>Oppia medium</i> (Sellnick, 1931)	Pa Baltic amber
172. <i>Oppia mexicana</i> (Woolley, 1971)	Ne Chiapas amber
173. <i>Oppia setigera</i> (Woolley, 1971)	Ne Chiapas amber
174. <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
175. <i>Oppiella nova</i> (Oudemans, 1902)* [Recent]	Qt northern Europe
176. <i>Oppiella ornata</i> (Oudemans, 1900) [Recent]	Qt western Norway
177. <i>Oppiella splendens</i> (C. L. Koch, 1841) [Recent]	Qt western Norway
178. <i>Oppiella subpectinata</i> (Oudemans, 1900) [Recent]	Qt northern Europe
179. <i>Oppiella translamellata</i> (Willmann, 1923) [Recent]	Qt northern Europe
† Oppites Pampaloni, 1902	Neogene
180. <i>Oppites melilli</i> Pampaloni, 1902*	Ne? Sicily
Ramusella Hammer, 1962	Quaternary – Recent
181. <i>Ramusella clavipectinata</i> (Michael, 1885) [Recent]	Qt Germany
 OXYAMERIDAE Aoki, 1965	Recent
no fossil record	
 PAPILLONOTIDAE Balogh, 1983	Recent
no fossil record	
 PLATYAMERIDAE Balogh & Balogh, 1983	Recent
no fossil record	
 QUADROPPIIDAE Balogh, 1983	Recent
no fossil record	
 RHYNCHORIBATIDAE Balogh, 1961	Recent
no fossil record	
 SPINOZETIDAE Balogh, 1972	Recent

no fossil record

STERNOPPIIDAE Balogh & Mahunka, 1969 **Recent**

no fossil record

SUCTOBELBIDAE Jacot, 1938 **Palaeogene – Recent**

***Suctobelbella* Jacot, 1937** **Palaeogene – Recent**

182. *Suctobelbella falcata* (Forsslund, 1941) **[Recent]** Qt Germany
 183. *Suctobelbella latirostris* (Strenzke, 1950) **[Recent]** Qt Germany
 184. *Suctobelbella longirostris* (Forsslund, 1941) **[Recent]** Qt western Norway
 185. *Suctobelbella sarekensis* (Forsslund, 1941) **[Recent]** Qt Europe
 186. *Suctobelbella similis* (Forsslund, 1941) **[Recent]** Qt Germany
 187. *Suctobelbella subcornigera* (Forsslund, 1941) **[Recent]** Qt Germany
 188. *Suctobelbella subtrigona* (Oudemans, 1916) **[Recent]** Qt Europe
 189. *Suctobelbella subtrigona* **[Recent]** *fossilis* (Sellnick, 1931) Pa Baltic amber

TERATOPPIIDAE Balogh, 1983 **Recent**

no fossil record

TETRACONDYLIDAE Aoki, 1961 **Recent**

no fossil record

THYRISOMIDAE Grandjean, 1954b **Quaternary – Recent**

***Banksinoma* Oudemans, 1930** **Quaternary – Recent**

190. *Banksinoma lanceolata* (Michael, 1885)* **[Recent]** Qt Europe

TRIZETIDAE Ewing, 1917 **Recent**

no fossil record

TUPAREZETIDAE Balogh, 1972 **Recent**

no fossil record

TECTOCEPHEOIDEA Grandjean, 1954b **Paleogene – Recent**

TECTOCEPHEIDAE Oudemans, 1900 **Paleogene – Recent**

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

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

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

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

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

194. <i>Hydrozetes confervae</i> (Schrank, 1791) [Recent]	Qt western Norway
195. <i>Hydrozetes lacustris</i> (Michael, 1882)* [Recent]	Qt northern Europe
196. <i>Hydrozetes oryktosis</i> Woolley, 1969	Qt Michigan
<i>Hydrozetes</i> sp. in Sivhead & Wallwork (1978)	J Sweden
LIMNOZETIDAE Thor, 1937	Quaternary – Recent
<i>Limnozetes</i> Hull, 1916	Quaternary – Recent
197. <i>Limnozetes ciliatus</i> (Schrank, 1803)* [Recent]	Qt northern Europe
198. <i>Limnozetes rugosus</i> (Sellnick, 1923) [Recent]	Qt northern Europe
AMERONOTHROIDEA Willmann, 1931	Quaternary – Recent
AMERONOTHRIDAE Willmann, 1931	Quaternary – Recent
<i>Ameronothrus</i> Berlese, 1896	Quaternary – Recent
199. <i>Ameronothrus lineatus</i> (Thorell, 1871)* [Recent]	Qt Europe / Greenland
200. <i>Ameronothrus maculatus</i> (Michael, 1882) [Recent]	Qt western Norway
FORTUYNIIDAE van der Hammen, 1963	Recent
no fossil record	
SELENORIBATIDAE Schuster, 1963	Recent
no fossil record	
TEGEOCRANELLIDAE Balogh, 1987	Recent
no fossil record	
CYMBAEREMAEOIDEA Sellnick, 1928	Jurassic – Recent
CYMBAEREMAEIDAE Sellnick, 1928	Jurassic – Recent
= AMETROPROCTIDAE Subías, 2004	
= SCAPHEREMAEIDAE Subías, 2004	
<i>Ametroproctus</i> Higgins & Woolley, 1968	Cretaceous – Recent
201. <i>Ametroproctus valeriae</i> Arillo, Subías & Shtanchaeva, 2009	K San Just amber
<i>Cymbaeremaeus</i> Berlese, 1896	Paleogene – Recent
202. <i>Cymbaeremaeus cymba</i> (Nicolet, 1855)* [Recent]	Qt northern Europe
† <i>Jureremus</i> Krivolutsky in Krivolutsky & Krasilov, 1977	Jurassic
203. <i>Jureremus foveolatus</i> Krivolutsky in Krivolutsky & Krasilov, 1977*	J Russian far east
204. <i>Jureremus phippsi</i> Selden, Baker & Phipps, 2008	J Yorkshire, UK
<i>Scapheremaeus</i> Berlese, 1910	Paleogene – Recent
205. <i>Scapheremaeus undosus</i> Sellnick, 1919	Pa Baltic amber
† <i>Tectocymba</i> Sellnick, 1919	Paleogene – Recent
206. <i>Tectocymba rara</i> Sellnick, 1919*	Pa Baltic amber
EREMAEOZETOIDEA Pfiffli, 1972	Paleogene – Recent

= IDIOZETOIDEA Aoki, 1976

EREMAEZETIDAE Pfiffli, 1972	Paleogene – Recent
<i>Eremaezetes</i> Berlese, 1913	Paleogene – Recent
= † <i>Scutoribates</i> Sellnick, 1919	
<i>Eremaezetes</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
IDIOZETIDAE Aoki, 1976	Recent
no fossil record	
LICNEREMAEOIDEA Grandjean, 1931	Palaeogene – Recent
= CHARASSOBATOIDEA Grandjean, 1958b	
ADHAESZETIDAE Hammer, 1973	Recent
no fossil record	
CHARASSOBATIDAE Grandjean, 1958b	Recent
no fossil record	
DENDEROEREMAEIDAE author, date?	Recent
no fossil record	
EREMELLIDAE Balogh, 1961	Recent
no fossil record	
LAMELLAREIDAE author, date?	Recent
no fossil record	
LICNEREMAEIDAE Grandjean, 1931	Palaeogene – Recent
<i>Licneremaeus</i> Paoli, 1908	Palaeogene – Recent
207. <i>Licneremaeus fritschi</i> Sellnick, 1931	Pa Baltic amber
208. <i>Licneremaeus licnophorus</i> (Michael, 1882) [Recent]	Qt Germany
MICREREMIDAE Grandjean, 1954b	Jurassic – Recent
<i>Micreremus</i> Grandjean, 1954b[not Berlese 1908?].....	Paleogene – Recent
209. <i>Micreremus brevipes</i> (Michael, 1888)* [Recent]	Qt northern Europe
210. <i>Micreremus reticulatus</i> Sellnick, 1931	Pa Baltic amber
211. <i>Micreremus scrobiculatus</i> Sellnick, 1931	Pa Baltic amber
PASSALAZETIDAE Grandjean, 1954b	Quaternary – Recent
<i>Passalozetes</i> Grandjean, 1932a	Quaternary – Recent
212. <i>Passalozetes africanus</i> Grandjean, 1932a [Recent]	Qt Finland
SCUTOVERTICIDAE Grandjean, 1954b	Neogene – Recent

Arthrovertex Balogh, 1970	Neogene – Recent
213. <i>Arthrovertex hurdi</i> (Woolley, 1971).....	Ne Chiapas amber
<i>Arthrovertex</i> sp. in Norton & Poinar (1993)	Ne Dominican amber
Scutovertex Michael, 1879	Quaternary – Recent
214. <i>Scutovertex minutus</i> (C. L. Koch, 1835) [Recent]	Qt Germany
PHENOPELOPOIDEA Petrunkevitch, 1955a	Palaeogene – Recent
PHENOPELOPIDAE Petrunkevitch, 1955a	Palaeogene – Recent
= PELOPIDAE author, date?	
Eupelops Ewing, 1917	Palaeogene – Recent
215. <i>Eupelops acromios</i> (Hermann, 1804) [Recent]	Qt Finland
216. <i>Eupelops curtipilus</i> (Berlese, 1916) [Recent]	Qt Germany
217. <i>Eupelops occultus</i> (C. L. Koch, 1835) [Recent]	Qt Kerelia, Russia
218. <i>Eupelops plicatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
219. <i>Eupelops punctulatus</i> (Sellnick, 1931)	Pa Baltic amber
220. <i>Eupelops uraceus</i> (C. L. Koch, 1839)* [Recent]	Qt Kerelia, Russia
<i>Eupelops</i> sp. in Karppinen & Koponen (1974)	Qt Finland
Peloptulus Berlese, 1908	Quaternary – Recent
221. <i>Peloptulus phaenotus</i> (C. L. Koch, 1844)* [Recent]	Qt Germany
UNDULORIBATIDAE Kunst, 1971	Palaeogene – Recent
Scutoribates Sellnick, 1918	Palaeogene – Recent
222. <i>Scutoribates perornatus</i> Sellnick, 1918	Pa Baltic amber
Unduloribates Balogh, 1943	?Palaeogene – Recent
223. <i>Unduloribates parvus</i> (Sellnick, 1931)	Pa Baltic amber
[generic affinities need clarification]	
ACHIPTERIOIDEA Thor, 1929	Jurassic – Recent
ACHIPTERIIDAE Thor, 1929	Jurassic – Recent
Achipteria Berlese, 1885	Jurassic – Recent
224. <i>Achipteria coleoptera</i> (Linnaeus, 1757) [Recent]	Qt Finland / Greenland
225. ? <i>Achipteria obscura</i> Krivolutsky in Krivolutsky & Krasilov, 1977	J Russian far east
Parachipteria van der Hammen, 1952	Quaternary – Recent
226. <i>Parachipteria punctata</i> (Nicolet, 1855) [Recent]	Qt northern Europe
227. <i>Parachipteria willmanni</i> van der Hammen, 1952 [Recent]	Qt Germany
EPACTOZETIDAE Grandjean, 1936b	Recent
no fossil record	
TEGORIBATIDAE Grandjean, 1954b	Quaternary – Recent
Tegoribates Ewing, 1917	Quaternary – Recent

228. <i>Tegoribates latirostris</i> (C. L. Koch, 1844) [Recent]	Qt Finland
ORIBATELLOIDEA Jacot, 1925	Palaeogene – Recent
ORIBATELLIDAE Jacot, 1925	Palaeogene – Recent
<i>Oribatella</i> Banks, 1895	Palaeogene – Recent
229. <i>Oribatella berlesei</i> (Michael, 1898) [Recent]	Qt Finland
230. <i>Oribatella calcarata</i> (C. L. Koch, 1835) [Recent]	Qt Kerelia, Russia
231. <i>Oribatella mirabilis</i> Sellnick, 1931	Pa Baltic amber
ORIPODOIDEA Jacot, 1925	Palaeogene – Recent
CALOPPIIDAE author, date?	Recent
= ?CRASSORIBATULIDAE author, date?	
no fossil record	
CAMPBELLOBATIDAE J. Balogh & P. Balogh, 1984	Recent
no fossil record	
CHAUNOPROCTIDAE Balogh, 1961	Recent
no fossil record	
DRYMOBATIDAE J. Balogh & P. Balogh, 1984	Recent
no fossil record	
HAPLOZETIDAE Grandjean, 1936c	Palaeogene – Recent
= PROTORIBATIDAE J. Balogh & P. Balogh, 1984	
= XLOBATIDAE J. Balogh & P. Balogh, 1984	
<i>Protoribates</i> Berlese, 1908	Palaeogene – Recent
232. <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
233. <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

NEOSZETIDAE J. Balogh & P. Balogh, 1984 **Recent**

no fossil record

ORIBATULIDAE Thor, 1929 **Palaeogene – Recent**

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

Lucoppia Berlese, 1908 **Palaeogene – Recent**

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

Oribatula Berlese, 1895 **Quaternary – Recent**

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

Phauloppia Berlese, 1908 **Palaeogene – Recent**

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

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

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

May be a homonym of a bivalve genus

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

Zygoribatula Berlese, 1916 **Quaternary – Recent**

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

ORIPODIDAE Jacot, 1925 **Palaeogene – Recent**

= BIROBATIDAE J. Balogh & P. Balogh, 1984

Benoibates Balogh, 1958 **Neogene – Recent**

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

Oripoda Banks, 1904 **Palaeogene – Recent**

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

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

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

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

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

Neoribates Berlese, 1914 **Palaeogene – Recent**

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

SCHELORIBATIDAE Grandjean, 1933 **Palaeogene – Recent**

Liebstadia Oudemans, 1906 **Palaeogene – Recent**

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

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

Schelorbitates Berlese, 1908 **Palaeogene – Recent**

246. <i>Scheloribates apterus</i> Sellnick, 1931	Pa Baltic amber
247. <i>Scheloribates areatus</i> Sellnick, 1931	Pa Baltic amber
248. <i>Scheloribates durhami</i> (Woolley, 1971)	Ne Chiapas amber
249. <i>Scheloribates initialis</i> (Berlese, 1908) [Recent]	Qt Europe
250. <i>Scheloribates laevigatus</i> (C. L. Koch, 1835) [Recent]	Qt northern Europe
251. <i>Scheloribates latipes</i> (C. L. Koch, 1844) [Recent]	Qt Europe
252. <i>Scheloribates pallidulus</i> (C. L. Koch, 1841) [Recent]	Qt Germany
253. <i>Scheloribates setatus</i> Sellnick, 1931	Pa Baltic amber
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	Recent
no fossil record	
CERATOZETOIDEA Jacot, 1925	Paleogene – Recent
CERATOKALUMMIDAE Balogh, 1970	Recent
no fossil record	
CERATOZETIDAE Jacot, 1925	Paleogene – Recent
<i>Ceratozetes</i> Berlese, 1908	Quaternary – Recent
254. <i>Ceratozetes gracilis</i> (Michael, 1884)* [Recent]	Qt Finland
255. <i>Ceratozetes minimus</i> Sellnick, 1928 [Recent]	Qt Germany
256. <i>Ceratozetes parvulus</i> Sellnick, 1922 [Recent]	Qt Germany
<i>Diapterobates</i> Grandjean, 1936b	Quaternary – Recent
257. <i>Diapterobates notatus</i> (Thorell, 1871) [Recent]	Qt Europe / Greenland
<i>Edwardzetes</i> Berlese, 1914	Quaternary – Recent
258. <i>Edwardzetes edwardsi</i> (Nicolet, 1855)* [Recent]	Qt western Norway
<i>Fuscozetes</i> Sellnick, 1928	Quaternary – Recent
259. <i>Fuscozetes fuscipes</i> (C. L. Koch, 1844)* [Recent]	Qt western Norway
<i>Melanozetes</i> Hull, 1916	Paleogene – Recent
260. <i>Melanozetes foderatus</i> Sellnick, 1931	Pa Baltic amber
261. <i>Melanozetes mollicornus</i> [Recent] <i>fossilis</i> Sellnick, 1931	Pa Baltic amber
262. <i>Melanozetes meridianus</i> Sellnick, 1928 [Recent]	Qt Greenland
<i>Melanozetes</i> sp. <i>in</i> Karppinen <i>et al.</i> (1979)	Qt Karelia, Russia

Oromucia Thor, 1930	Quaternary – Recent
263. <i>Oromucia bicuspidata</i> Thor, 1930* [Recent]	Qt western Norway
264. <i>Oromucia lucens</i> (C. L. Koch, date?) [Recent]	Qt Greenland
Sphaerozetes Berlese, 1885	Paleogene – Recent
265. <i>Sphaerozetes convexulus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
266. <i>Sphaerozetes piriformis</i> (Nicolet, 1855) [Recent]	Qt Finland
267. <i>Sphaerozetes primus</i> Sellnick, 1931	Pa Baltic amber
Trichoribates Berlese, 1910	Quaternary – Recent
268. <i>Trichoribates biarea</i> Gjelstrup & Solhøy, 1994 [Recent]	Qt western Norway
269. <i>Trichoribates incisellus</i> (Kramer, 1897) [Recent]	Qt Europe
270. <i>Trichoribates monticola</i> (Trägårdh, 1902) [Recent]	Qt western Norway
271. <i>Trichoribates setiger</i> (Trägårdh, 1910) [Recent]	Qt western Norway
272. <i>Trichoribates trimaculatus</i> (C. L. Koch, 1835)* [Recent]	Qt northern Europe
CHAMOBATIDAE Thor, 1937	Paleogene – Recent
Chamobates Hull, 1916	Paleogene – Recent
273. <i>Chamobates borealis</i> (Trägårdh, 1902) [Recent]	Qt western Norway
274. <i>Chamobates cuspidatus</i> (Michael, 1884) [Recent]	Qt Finland
275. <i>Chamobates difficilis</i> Sellnick, 1931	Pa Baltic amber
EUZETIDAE Grandjean, 1954b	Quaternary – Recent
Euzetes Berlese, 1908	Quaternary – Recent
276. <i>Euzetes globulus</i> (Nicolet, 1855) [Recent]	Qt Finland
HUMEROBATIDAE Grandjean, 1970	Recent
no fossil record	
MYCOBATIDAE Grandjean, 1954b	Quaternary – Recent
Mycobates Hull, 1916	Quaternary – Recent
277. <i>Mycobates consimilis</i> Hammer, 1952 [Recent]	Qt Greenland
278. <i>Mycobates parmelliae</i> (Michael, 1884) [Recent]	Qt Karelia, Russia
279. <i>Mycobates sarekenis</i> (Trägårdh, 1910) [Recent]	Qt western Norway
Punctoribates Berlese, 1908	Quaternary – Recent
280. <i>Punctoribates punctum</i> (C. L. Koch, 1839) [Recent]	Qt Karelia, Russia
281. <i>Punctoribates sellnicki</i> Willmann, 1928 [Recent]	Qt Europe
<i>Punctoribates</i> sp. in Karpinen & Koponen (1973)	Qt Finland
RAMSAYELLIDAE Luxton, 1985	Recent
no fossil record	
ZETOMIMIDAE Shaldybina, 1966	Quaternary – Recent

Zetomimus author, date?	Quaternary – Recent
282. <i>Zetomimus furcatus</i> (Pearce & Warburton, 1906)* [Recent]	Qt Karelia, Russia
GALUMNOIDEA Jacot, 1925	Palaeogene – Recent
GALUMNELLIDAE Pfiffli, 1970	Quaternary – Recent
Galumnella Berlese, 1917	Quaternary – Recent
<i>Galumnella</i> sp. in Aoki (1974)	Qt Mizunami amber
GALUMNIDAE Jacot, 1925	Palaeogene – Recent
<i>Galumnidae</i> spp. in Norton & Poinar (1993)	Pa Baltic amber
Acrogalumna Grandjean, 1956b	Quaternary – Recent
283. <i>Acrogalumna longipluma</i> (Berlese, 1904)* [Recent]	Qt Karelia, Russia
Galumna von Heyden, 1826	Palaeogene – Recent
284. <i>Galumna clavata</i> Sellnick, 1931	Pa Baltic amber
285. <i>Galumna diversa</i> Sellnick, 1931	Pa Baltic amber
286. <i>Galumna lanceata</i> (Oudemans, 1900) [Recent]	Qt Karelia, Russia
287. <i>Galumna obvia</i> (Berlese, 1915) [Recent]	Qt Finland
<i>Galumna</i> sp. in Karppinen & Koponen (1974)	Qt Finland
Pergalumna Grandjean, 1936b	Quaternary – Recent
288. <i>Pergalumna dorsalis</i> (C. L. Koch, 1835) [Recent]	Qt Finland
289. <i>Pergalumna nervosa</i> (Berlese, 1914)* [Recent]	Qt northern Europe
Pilogalumna Grandjean, 1956b	Quaternary – Recent
290. <i>Pilogalumna tenuiclava</i> (Berlese, 1908) [Recent]	Qt Germany
ASTIGMATA G. Canestrini, 1891 (cohort)	Neogene – Recent
= ACARIDIDA author, date?	
SCHIZOGLYPHOIDEA Mahunka, 1978	Recent
SCHIZOGLYPHIDAE Mahunka, 1978	Recent
no fossil record	
HISTIOSTOMATOIDEA Berlese, 1897	Recent
GUANOLICHIDAE Fain, 1968	Recent
no fossil record	
HISTIOSTOMATIDAE Berlese, 1897	Recent
no fossil record	
CANESTRINIOIDEA Berlese, 1884	Recent
CANESTRINIIDAE Berlese, 1884	Recent
no fossil record	
CHETOCHELACARIDAE Fain, 1987	Recent

no fossil record

HETEROCOPTIDAE Fain, 1967b **Recent**

no fossil record

LEMANNIELLIDAE author, date? **Recent**

no fossil record

HEMISCARPOCTOIDEA Oudemans, 1908 **Neogene – Recent**

ALGOPHAGIDAE Fain, 1974 **Recent**

no fossil record

CARPOGLYPHIDAE Oudemans, 1923 **Recent**

no fossil record

CHAETODACTYLIDAE Zachvatkin, 1941 **Recent**

no fossil record

HEMISARCOPTIDAE Oudemans, 1908 **Recent**

no fossil record

HYADESIIDAE Halbert, 1915 **Recent**

no fossil record

MELIPONOCOPTIDAE author, date? **Recent**

no fossil record

WINTERSCHMIDTIIDAE Oudemans, 1923 **Neogene – Recent**

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

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

GLYCOPHAGOIDEA Berlese, date? **Recent**

AEROGLYPHIDAE Zachvatkin, 1941 **Recent**

no fossil record

CHORTOGLYPHIDAE Berlese, 1897 **Recent**

no fossil record

ECHIMYOPODIDAE Fain, 1967a **Recent**

no fossil record

EUGLYCYPHAGIDAE Fain & Phillips, 1977 **Recent**

no fossil record

GLYCYPHAGIDAE Berlese, date?	Recent
no fossil record	
PEDETOPODIDAE Fain, date?	Recent
no fossil record	
ROSENSTEINIIDAE Coorman, 1954	Recent
= LOPHONOTACARIDAE Fain, 1987	
= TROGLOTACARIDAE Fain, 1977	
no fossil record	
ACAROIDEA Latreille, 1802	Neogene – Recent
ACARIDAE Latreille, 1802	Recent
† <i>Tyroglyphites</i> Pampaloni, 1902	Neogene – Recent
292. <i>Tyroglyphites miocenicus</i> Pampaloni, 1902*	Ne Sicily
GAUDIPELLIDAE Atyeo et al., 1974	Recent
= PARTAMONACOPTIDAE author, date?	
= PLATYGLYPHIDAE Kurosa, 1976	
no fossil record	
GLYCACARIDAE Griffiths, 1977	Recent
no fossil record	
LARDOGLYPHIDAE Oudemans, 1877	Recent
no fossil record	
SAPRACARIDAE Fain, 1988	Recent
no fossil record	
SUIDASIIDAE Hughes, 1948	Recent
no fossil record	
TYROGLYPHIDAE Donnadieu, 1868	Quaternary – Recent
Tyroglyphidae sp. <i>in</i> Aoki (1974)	Qt Mizunami amber
HYPODERATOIDEA Murray, 1877	Recent
HYPODERATIDAE Murray, 1877	Recent
no fossil record	
PSOROPTIDIA Yunker, 1955 (unranked clade)	Neogene – Recent
PTEROLICHOIDEA Trouessart & Mégnin, 1884	Recent

= FREYANOIDEA Dubinin, 1953

- ASCOURACARIDAE Gaud & Atyeo, 1976** **Recent**
no fossil record
- CAUDIFERIDAE Gaud & Atyeo, 1978** **Recent**
no fossil record
- CHEYLABIDIDAE Gaud, 1983** **Recent**
no fossil record
- CRYPTUROPTIDAE Gaud, Atyeo & Berla, 1972** **Recent**
no fossil record
- EUSTATHIIDAE Oudemans, 1905** **Recent**
no fossil record
- FALCULIFERIDAE Oudemans, 1905** **Recent**
no fossil record
- FREYANIDAE Dubinin, 1953** **Recent**
no fossil record
- GABUCINIIDAE Gaud & Atyeo, 1975** **Recent**
no fossil record
- KIWILICHIDAE Dabert, 1994** **Recent**
no fossil record
- KRAMERELLIDAE Gaud & Mouchet, 1961** **Recent**
no fossil record
- OCHROLICHIDAE Gaud & Atyeo, 1978** **Recent**
no fossil record
- OCONNORIIDAE Gaud, Atyeo & Klompen, 1989** **Recent**
no fossil record
- PTEROLICHIDAE Trouessart & Mégnin, 1884** **Recent**
no fossil record
- PTILOXENIDAE Gaud, 1982** **Recent**
no fossil record
- RECTIJANUIDAE Gaud, 1961** **Recent**

no fossil record

SYRINGOBIIDAE Trouessart, 1897 **Recent**

no fossil record

THORACOSATHESIDAE Gaud & Mouchet, 1959 **Recent**

no fossil record

VEXILLARIIDAE Gaud & Mouchet, 1959 **Recent**

no fossil record

ANALGOIDEA Trouessart & Mégnin, 1884 **Recent**

ALLOPTIDAE Gaud, 1957 **Recent**

no fossil record

ANALGIDAE Trouessart & Mégnin, 1884 **Recent**

no fossil record

APIONACARIDAE Gaud & Atyeo, 1977 **Recent**

no fossil record

AVENZOARIIDAE Oudemans, 1905 **Recent**

no fossil record

CYTODITIDAE Oudemans, 1908 **Recent**

no fossil record

DERMATIONIDAE Fain, 1965 **Recent**

no fossil record

DERMOGLYPHIDAE Mégnin & Trouessart, 1884 **Recent**

no fossil record

EPIDERMOPTIDAE Trouessart, 1892 **Recent**

no fossil record

GAUDOGLYPHIDAE Bruce & Johnston, 1976 **Recent**

no fossil record

HETEROPSORIDAE Oudemans, 1908 **Recent**

no fossil record

KNEMIDOKOPTIDAE Dubinin, 1953 **Recent**

no fossil record

LAMINOSIOPTIDAE Vitzthum, 1931 **Recent**

no fossil record

PROCTOPHYLLODIDAE Mégnin & Trouessart, 1884 **Recent**

no fossil record

PSORALGIDAE Oudemans, 1908 **Recent**

no fossil record

PSOROPTOIDIDAE Gaud, 1983 **Recent**

no fossil record

PTYSSALGIDAE Atyeo & Gaud, 1979 **Recent**

no fossil record

PYROGLYPHIDAE Cunliffe, 1958 **Recent**

no fossil record

TARSOCHYLIDAE 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

ATOPOMELIDAE Gunter, 1942 **Neogene–Recent**

?Apotomelidae sp. [originally as Listrophoridae in Poinar 1988] Ne Dominican amber

AUDYCOPTIDAE Lavoipierre, 1964 **Recent**
no fossil record

CHIRODISCIDAE Trouessart, 1892 **Recent**
no fossil record

CHIRORHYNCHOBIIDAE Fain, 1967 **Recent**
no fossil record

GALAGALIDAE Fain, 1963 **Recent**
no fossil record

GASTRONYSSIDAE Fain, 1956 **Recent**
no fossil record

LEMURNYSIIDAE Fain, 1957 **Recent**
no fossil record

LISTROPHORIDAE Mégnin & Trouessart, 1884 **Recent**
no fossil record

LOBALGIDAE Fain, 1965 **Recent**
no fossil record

MYCOPTIDAE author, date? **Recent**
no fossil record

PSOROPTIDAE Canestrini, 1892 **Recent**
no fossil record

PNEUMOCOPTIDAE Fain, 1957 **Recent**
no fossil record

RHYNCOPTIDAE Lawrence, 1956 **Recent**
no fossil record

SARCOPTIDAE Murray, 1877 **Recent**
no fossil record

NOMINA DUBIA

1. *Acarus resinosus* Presl, 1822 Pa Baltic amber

NOMINA NUDA

1. *Erythraeus hirsutissimus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

2. *Gymnodamaeus kulczynskii* Petrunkevitch, 1955a Pa Baltic amber
3. *Trombidium fossile* Keferstein, 1834 Pa Aix-en-Provence?

c. 36,900 Recent species according to Hallan (2004)

RICINULEI

15 currently valid species of fossil ricinuleid

RICINULEI Thorell, 1876c **Carbon. – Recent**

= RHINOASTRA Cook, 1899

= PODOGONA Cook, 1899

† **PALAEORICINULEI Selden, 1992 (suborder)** **Carboniferous**

† **CURCULIOIDIDAE Cockerell, 1916** **Carboniferous**

† **Amarixys Selden, 1992** **Carboniferous**

1. *Amarixys gracilis* (Petrunkevitch, 1945a) C Mazon Creek

2. *Amarixys stellaris* Selden, 1992 C Mazon Creek

3. *Amarixys sulcata* (Melander, 1903)* C Mazon Creek

† **Curculioides Buckland, 1837** **Carboniferous**

4. *Curculioides adompha* Brauckmann, 1987 C Hagen-Vorhalle

5. *Curculioides ansticii* Buckland, 1837* C Coalbrookdale

6. *Curculioides eltringhami* Petrunkevitch, 1949 C Crawcrook

7. *Curculioides gigas* Selden, 1992 C Mazon Creek

8. *Curculioides granulatus* Petrunkevitch, 1949 C Ilkeston

9. *Curculioides mcluckiei* Selden, 1992 C Mazon Creek

10. *Curculioides pococki* Selden, 1992 C Coseley

11. *Curculioides scaber* (Scudder, 1890b) C Mazon Creek

† **POLIOCHERIDAE Scudder, 1884** **Carboniferous**

† **Poliochera Scudder, 1884** **Carboniferous**

12. *Poliochera gibbsi* Selden, 1992 C Illinois

13. *Poliochera glabra* Petrunkevitch, 1913 C Mazon Creek

14. *Poliochera punctulata* Scudder, 1884* C Mazon Creek

† **Terpsicroton Selden, 1992** **Carboniferous**

15. *Terpsicroton alticeps* Selden, 1992* C Coseley

NEORICINULEI Selden, 1992 (suborder) **Recent**

RICINOIDIDAE Ewing, 1929 **Recent**

= CRYPTOSTEMMIDAE Westwood, 1874

no fossil record

NOMINA DUBIA

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

55 Recent species according to Harvey (2003)

ARACHNIDA and/or PANTETRAPULMONATA

incertae sedis

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

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

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

no Recent species

TRIGONOTARBIDA

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
- † **ARCHAEOMARTIDAE Poschmann & Dunlop, 2010** **Devonian**
- † **Archaeomartus levis Størmer, 1970** **Devonian**
 15. *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**
 16. *Anthracomartus granulatus* Frič, 1904 C Nowa Ruda
 17. *Anthracomartus voelkelianus* Karsch, 1882* C Nowa Ruda
- † **Brachylycosa Frič, 1904** **Carboniferous**
 = † *Perneria* Frič, 1904
 18. *Brachylycosa carcinoides* (Frič, 1901)* C Nýřany
 i. = *Promygale rotundata* Frič, 1901 C Nýřany
 ii. = *Perneria salticoides* Frič, 1904 C ?Nýřany
 19. *Brachylycosa kustae* Petrunkevitch, 1953 C Rakovník
- † **Brachypyge Woodward, 1878b** **Carboniferous**
 20. *Brachypyge carbonis* Woodward, 1878b* C Mons
- † **Cleptomartus Petrunkevitch, 1949** **Carboniferous**
 21. *Cleptomartus denuiti* (Pruvost, 1922) C Charleroi
 22. *Cleptomartus hangardi* Guthörl, 1965 C Saar, Germany
 23. *Cleptomartus plautus* Petrunkevitch, 1949* C Coseley
 24. *Cleptomartus planus* Petrunkevitch, 1949 C Coseley
- † **Coryphomartus Petrunkevitch, 1945a** **Carboniferous**
 25. *Coryphomartus triangularis* (Petrunkevitch, 1913)* C Joggins
- † **Cryptomartus Petrunkevitch, 1945a** **Carboniferous**
 26. *Cryptomartus hindi* (Pocock, 1911) C Coseley
 27. ?*Cryptomartus meyeri* Guthörl, 1964 C Aachen
 28. *Cryptomartus presti* Pocock, 1911 C Coseley
 29. *Cryptomartus radvanicensis* Opluštil, 1985 C Radvanice
 30. *Cryptomartus rebskei* Brauckmann, 1984 C Saarbrücken
- † **Maiocercus Pocock, 1911** **Carboniferous**
 31. *Maiocercus celticus* (Pocock, 1902)* C Coal Measures
 i. = *Maiocercus orbicularis* Gill, 1911 C Westhoughton
- † **Oomartus Petrunkevitch, 1953** **Carboniferous**
 32. *Oomartus nyranensis* Petrunkevitch, 1953* C Nýřany
- † **Pleomartus Petrunkevitch, 1945a** **Carboniferous**
 33. *Pleomartus palatinus* (Ammon, 1901) C Brücken, Germany
 34. *Pleomartus trilobitus* (Scudder, 1884) C Fayetteville
- † **Promygale Frič, 1901** **Carboniferous**
 35. *Promygale bohémica* (Frič, 1901) C Nýřany
 36. *Promygale elegans* Frič, 1901 C Nýřany
 37. *Promygale minor* Kušta, 1884 C Rakovník
 i. = *Anthracomartus socius* Kušta, 1888 C Rakovník
 38. *Promygale janae* Opluštil, 1986 C Kladno

- † **ANTHRACOSIRONIDAE Pocock, 1903a** **Devonian – Carbon.**
- † ***Anthracosiro* Pocock, 1903a** **Carboniferous**
39. *Anthracosiro fritschii* Pocock, 1903b C Coseley
- i. = *Anthracosiro elongatus* Waterlot, 1934 C Marlebach, France
40. *Anthracosiro woodwardi* Pocock, 1903a* C Coal Measues
- i. = *Anthracosiro corsini* Pruvost, 1926 C Noeux, France
- ii. = *Anthracosiro latipes* Gill, 1909 C Ryton-on-Tyne, UK
- † ***Arianrhoda* Dunlop & Selden, 2004** **Devonian**
41. *Arianrhoda bennetti* Dunlop & Selden, 2004* D Tredomen
- † ***Vratislavia* Frič, 1904** **Carboniferous**
42. *Vratislavia silesica* (Roemer, 1878)* C Silesia
- † **TRIGONOTARBIDAE Petrunkevitch, 1949** **Devonian – Carbon.**
- † ***Trigonotarbus* Pocock, 1911** **Devonian – Carbon.**
43. *Trigonotarbus arnoldi* Petrunkevitch, 1955b C Decazeville
44. *Trigonotarbus johnsoni* Pocock, 1911* C Coseley
45. *Trigonotarbus stoermeri* Schultka, 1991 D Rheinischen Schief.
- Family uncertain**
- † ***Namurotarbus* Poschmann & Dunlop, 2010** **Carboniferous**
46. *Namurotarbus roessleri* Dunlop & Brauckmann, 2006 C Hagen-Vorhalle
- † **LISSOMARTIDAE Dunlop, 1995** **Carboniferous**
- † ***Lissomartus* Petrunkevitch, 1949** **Carboniferous**
47. *Lissomartus carbonarius* (Petrunkevitch, 1913) C Mazon Creek
48. *Lissomartus schucherti* (Petrunkevitch, 1913) C Mazon Creek
- † **APHANTOMARTIDAE Petrunkevitch, 1945a** **Devonian – Permian**
- = † TRIGONOMARTIDAE Petrunkevitch, 1949
- † ***Alkenia* Størmer, 1970** **Devonian**
49. *Alkenia mirabilis* Størmer, 1970* D Alken an der Mosel
- † ***Aphantomartus* Pocock, 1911** **Carbon. – Permian**
- = † *Trigonomartus* Petrunkevitch, 1913
- = † *Phrynomartus* Petrunkevitch, 1945a
50. *Aphantomartus areolatus* Pocock, 1911* C–P Coal Measues
- i. = *Aphantomartus pococki* Pruvost, 1912 C Anzin, France
- ii. = *Trigonomartus dorlodoti* Pruvost, 1930 C Rien, France
- iii. = *Eophrynus waechteri* Guthörl, 1938 C Saar
- iv. = ?*Trigonomartus pruvosti* van der Heide, 1951 C Limbourg
- v. = ?*Brachylycosa manebachensis* Müller, 1957 C Rotliegenden
51. *Aphantomartus ilfeldicus* (Scharf, 1924) P Rotliegend

52. *Aphantomartus pustulatus* (Scudder, 1884) C Coal Measures
 i. = ?*Kreischeria villeti* Pruvost, 1912 C Pas de Calais
 ii. = *Cleptomartus plötzensis* Simon, 1971 C Halleschen Mulde
- † **KREISCHERIIDAE Haase, 1890** **Carboniferous**
- † **Anzinia Petrunkevitch, 1953** **Carboniferous**
 53. *Anzinia thevenini* (Pruvost, 1919)* C Anzin
- † **Gondwanarache Pinto & Hünicken, 1980** **Carboniferous**
 54. *Gondwanarache argentinensis* Pinto & Hünicken, 1980* C Bajo de Véliz
- † **Hemikreischeria Frič, 1904** **Carboniferous**
 55. *Hemikreischeria geinitzi* (Thevenin, 1902)* C France
- † **Kreischeria Geinitz, 1882** **Carboniferous**
 56. *Kreischeria wiedeii* Geinitz, 1882* C Zwickau
- † **Pseudokreischeria Petrunkevitch, 1953** **Carboniferous**
 57. *Pseudokreischeria pococki* (Gill, 1924) C Crawcrook
 i. = *Eophrynus varius* Petrunkevitch, 1949 C Crawcrook
- † **EOPHRYNIDAE Karsch, 1882** **Carboniferous**
 = † HEMIPHRYNIDAE Frič, 1904
- † **Eophrynus Woodward, 1871b** **Carboniferous**
 58. *Eophrynus prestvicii* (Buckland, 1837)* C Coalbrookdale
 59. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 C Hagen-Vorhalle
- † **Nyranytarbus Harvey & Selden, 1995** **Carboniferous**
 = † *Hemiphrynus* Frič, 1901 [preoccupied]
60. *Nyranytarbus hofmanni* (Frič, 1901) C Nýřany
 61. *Nyranytarbus longipes* (Frič, 1901)* C Nýřany
- † **Petrovicia Frič, 1904** **Carboniferous**
 62. *Petrovicia proditoria* Frič, 1904* C Petrovice
- † **Planomartus Petrunkevitch, 1953** **Carboniferous**
 63. *Planomartus krejci* (Kušta, 1883) C Rakovník
 i. = *Anthracomartus affinis* Kušta, 1885 C Rakovník
- † **Pleophrynus Petrunkevitch, 1945a** **Carboniferous**
 64. *Pleophrynus verrucosus* (Pocock, 1911) C Coal Measures
 i. = *Eophrynus warei* Dix & Pringle, 1930 C Glyncoch, UK
 ii. = *Pleophrynus ensifer* Petrunkevitch, 1945a* C Mazon Creek
 iii. = *Eophrynus jugatus* Ambrose & Romano, 1972 C Kilmersdon, UK
- † **Pocononia Petrunkevitch, 1953** **Carboniferous**
 65. *Pocononia whitei* (Ewing, 1930)* C Pocono Shales
- † **Somaspidion Jux, 1982** **Carboniferous**
 66. *Somaspidion hammapheron* Jux, 1982* C Dinslaken
- † **Stenotrogulus Frič, 1904** **Carboniferous**
 = † *Cyclotrogulus* Frič, 1904

= † *Pseudoeophrynus* Přibyl, 1958

67. *Stenotrogulus salmii* (Stur, 1877)* C Ostrava
 i. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] C Ostrava
 ii. = *Pseudoeophrynus ostraviensis* Přibyl, 1958 C Ostrava

TRIGONOTARBIDA *incertae sedis*

- † ***Anthracophrynus* Andréé, 1913** **Carboniferous**
 68. *Anthracophrynus tuberculatus* Andréé, 1913* C Dudweiler
 † ***Areomartus* Petrunkevitch, 1913** **Carboniferous**
 69. *Areomartus ovatus* Petrunkevitch, 1913* C West Virginia
 † '***Eophrynus***'
 70. '*Eophrynus*' *scharfi* Scharf, 1924 P Rotliegend

NOMINA DUBIA

1. *Anthracomartus buchi* (Goldenberg, 1873) C Saarbrücken
 2. *Anthracomartus hageni* (Goldenberg, 1873) C Saarbrücken
 3. *Elaverimartus pococki* Petrunkevitch, 1953 C Ellismuir
 4. *Eurymartus latus* Matthew, 1895 C Fern Ledges
 5. ?*Eurymartus spinulosus* Matthew, 1895 C Fern Ledges
 6. *Trigonomartus woodruffi* (Scudder, 1893) C Rhode Island

no Recent species

URARANEIDA

2 currently valid species of uraraneid

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

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

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

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

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

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

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

ARANEAE

1,106 currently valid species of fossil spider

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

14. *Dinopilo parvus* Petrunkevitch, 1953 C Kent, UK
- † *Pyritaranea* Frič, 1901 **Carboniferous**
15. *Pyritaranea tubifera* Frič, 1901* C Nyřany
- MESOTHELAE Pocock, 1892** **Carbon. – Recent**
- plesion genus**
- † *Palaeothele* Selden, 2000 **Carboniferous**
- = † *Eothele* Selden, 1996 [preoccupied]
16. *Palaeothele montceauensis* (Selden, 1996)* C Montceau-les-Mines
- LIPHISTIIDAE Pocock, 1892** **Recent**
- = HEPTATHELIDAE Haupt, 1983
- no fossil record
- OPISTHOTHELAE Pocock, 1892** **Triassic – Recent**
- Opisthothelae incertae sedis**
- † *Eoatypus* McCook, 1888 **Palaeogene**
17. *Eoatypus woodwardii* McCook, 1888* Pa Isle of Wight
- MYGALOMORPHAE Pocock, 1892** **Triassic – Recent**
- Mygalomorpha indet. 1–3 in Wunderlich (2008d) K Myanmar amber
- ATYPIDAE Thorell, 1870a** **Cretaceous – Recent**
- = CALOMMATOIDAE Thorell, 1887
- † *Ambiortiphagus* Eskov & Zonstein, 1990 **Cretaceous**
18. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990* K Central Mongolia
- ANTRODIAETIDAE Gertsch in Comstock, 1940** **Cretaceous – Recent**
- = BRACHYBOTHRIDAE Simon, 1892
- = ACCATYMIDAE Kishida, 1930
- † *Cretacattyma* Eskov & Zonstein, 1990 **Cretaceous**
19. *Cretacattyma raveni* Eskov & Zonstein, 1990* K Central Mongolia
- MECICOBOTHRIIDAE Holmberg, 1882** **Cretaceous – Recent**
- = HEXURIDAE Simon, 1889b
- † *Cretohexura* Eskov & Zonstein, 1990 **Cretaceous**
20. *Cretohexura coylei* Eskov & Zonstein, 1990* K Transbaikalia
- † *Cretohexura* Eskov & Zonstein, 1990 **Cretaceous**
21. *Cretohexura platnicki* Eskov & Zonstein, 1990* K Central Mongolia
- HEXATHELIDAE Simon, 1892b** **Triassic – Recent**
- † *Rosamygale* Selden & Gall, 1992 **Triassic**
22. *Rosamygale grauvogeli* Selden & Gall, 1992* Tr Vosges, France

DIPLURIDAE Simon, 1889b	Cretaceous – Recent
† Clostes Menge, 1869	Palaeogene
23. <i>Clostes priscus</i> Menge, 1869*	Pa Baltic / Bitt. amber
† Cretadiplura Selden in Selden et al., 2006	Cretaceous
24. <i>Cretadiplura ceara</i> Selden in Selden et al., 2006*	K Crato Formation
† Dinodiplura Selden in Selden et al., 2006	Cretaceous
25. <i>Dinodiplura ambulacra</i> Selden in Selden et al., 2006*	K Crato Formation
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	
26. <i>Masteria sexoculata</i> (Wunderlich, 1988)	Ne Dominican amber
? <i>Masteria</i> sp. in Schawaller (1982c: as ? <i>Ischnothele</i>)	Ne Dominican amber
genus uncertain	
Dipluridae sp. 1–3 in Wunderlich (2004a)	Pa Baltic amber
Dipluridae sp. in Wunderlich (2004a)	Ne Dominican amber
CYRTAUCHENIIDAE Simon, 1892b	Neogene – Recent
Bolostromus Ausserer, 1875	Neogene – Recent
27. <i>Bolostromus destructus</i> Wunderlich, 1988	Ne Dominican amber
CTENIZIDAE Thorell, 1887	Palaeogene – Recent
= HALONOPROCTIDAE Pocock, 1903	
† Baltocteniza Eskov & Zonstein, 2000	Palaeogene
28. <i>Baltocteniza kulickae</i> Eskov & Zonstein, 2000	Pa Baltic amber
† Electrocteniza Eskov & Zonstein, 2000	Palaeogene
29. <i>Electrocteniza sadilenkoi</i> Eskov & Zonstein, 2000	Pa Baltic amber
Ummidia Thorell, 1875	Palaeogene – Recent
30. <i>Ummidia damzeni</i> Wunderlich, 2000	Pa Baltic amber
31. <i>Ummidia malinowskii</i> Wunderlich, 2000	Pa Baltic amber
<i>Ummidia</i> sp. in Wunderlich (2004a)	Pa Baltic amber
IDIOPIDAE Simon, 1892b	Recent
no fossil record	
ACTINOPODIDAE Simon, 1892b	Recent
= ERIODONTIDAE C. L. Koch & Berendt, 1854	
[based on a generic synonym; listed in Bonnet as syn. of Clubionidae!]	
no fossil record	
MIGIDAE Simon, 1892b	Recent
no fossil record	

NEMESIIDAE Simon, 1892b	Cretaceous – Recent
= PYCNOTHELIDAE Chamberlin, 1917	
† <i>Cretamygale</i> Selden, 2002	Cretaceous
32. <i>Cretamygale chasei</i> Selden, 2002*	K Isle of Wight
† <i>Eodiplurina</i> Petrunkevitch, 1922	Palaeogene
33. <i>Eodiplurina cockerelli</i> Petrunkevitch, 1922*	Pa Florissant
MICROSTIGMATIDAE Roewer, 1942	Neogene – Recent
= MICROMYGALIDAE Wunderlich, 2004b	
† <i>Parvomygale</i> Wunderlich, 2004b	Neogene
34. <i>Parvomygale distincta</i> Wunderlich, 2004b*	Ne Dominican amber
BARYCHELIDAE Simon, 1889b	Neogene – Recent
<i>Psalistops</i> Simon, 1889b	Neogene – Recent
35. <i>Psalistops hispaniolensis</i> Wunderlich, 1988*	Ne Dominican amber
THERAPHOSIDAE Thorell, 1870a	Neogene – Recent
= AVICULARIIDAE Simon, 1874	
Theraphosidae gen. et sp. indet. in Dunlop <i>et al.</i> (2008)	Ne Chiapas amber
<i>Hemirraghus</i> Simon, 1903	Neogene – Recent
<i>Hemirraghus</i> sp. in García-Villafuerte (2008)	Ne Chiapas amber
† <i>Ischnocolinopsis</i> Wunderlich, 1988	Neogene
36. <i>Ischnocolinopsis acutus</i> Wunderlich, 1988*	Ne Dominican amber
PARATROPIDIDAE Simon, 1889a	Recent
no fossil record	
ARANEOMORPHAE Smith, 1902	Triassic – Recent
HYPOCHILIDAE Marx, 1888	Recent
= ECTATOSTICTIDAE Lehtinen, 1967	
no fossil record	
AUSTRALOCHILOIDEA Zapfe, 1955	Cretaceous – Recent
AUSTROCHILIDAE Zapfe, 1955	Recent
= THAIDIDAE Lehtinen, 1967	
= HICKMANIIDAE Lehtinen, 1967	
no fossil record	
GRADUNGULIDAE Forster, 1955	Recent
no fossil record	
ARANEOCLADA Platnick, 1977	Triassic – Recent

HAPLOGYNAE Simon, 1893	Jurassic – Recent
FILISTATIDAE Ausserer, 1867	Neogene – Recent
Misionella Ramírez & Grismado, 1997	Neogene – Recent
37. <i>Misionella didicostae</i> Penney, 2005a	Ne Dominican amber
SICARIIDAE Keyserling, 1880a	Neogene – Recent
= LOXOSCELIDAE Simon, 1893	
Loxosceles Heineken & Lowe, 1832	Neogene – Recent
38. <i>Loxosceles aculicaput</i> Wunderlich, 2004c	Ne Dominican amber
39. <i>Loxosceles defecta</i> Wunderlich, 1988	Ne Dominican amber
40. <i>Loxosceles deformis</i> Wunderlich, 1988	Ne Dominican amber
<i>Loxosceles</i> sp. in Wunderlich (1988)	Ne Dominican amber
SCYTODIDAE Blackwall, 1864	Palaeogene – Recent
Sycotodidae sp. 1–2 in Wunderlich (2004b)	Pa Bitterfeld amber
Scytodes Latreille, 1804a	Palaeogene – Recent
41. <i>Scytodes marginalis</i> Wunderlich, 2004as	Qt Madagascan copal
42. <i>Scytodes piliformis</i> Wunderlich, 1988	Ne Dominican amber
43. <i>Scytodes planithorax</i> Wunderlich, 1988	Ne Dominican amber
44. <i>Scytodes stridulans</i> Wunderlich, 1988	Ne Dominican amber
45. <i>Scytodes weitschati</i> Wunderlich, 1993a	Pa Baltic amber
<i>Scytodes</i> sp. in Wunderlich (1988)	Ne Dominican amber
PERIEGOPIDAE Simon, 1893	Recent
no fossil record	
DRYMUSIDAE Simon, 1893	Recent
no fossil record	
† PRAETERLEPTONETIDAE Wunderlich 2008d	Cretaceous
Praeterleptonetidae indet. in Wunderlich (2008d)	K Myanmar amber
† Palaeohygropoda Penney, 2004c	Cretaceous
46. <i>Palaeohygropoda myanmarensis</i> Penney, 2004c*	K Myanmar amber
† Pholcochyrocer Wunderlich, 2008d	Cretaceous
47. <i>Pholcochyrocer guttulaequae</i> Wunderlich, 2008d*	K Myanmar amber
† Praeterleptoneta Wunderlich, 2008d	Cretaceous
48. <i>Praeterleptoneta spinipes</i> Wunderlich, 2008d*	K Myanmar amber
LEPTONETIDAE Simon, 1890	Palaeogene – Recent
† Eoleptoneta Wunderlich, 1991	Palaeogene
49. <i>Eoleptoneta curvata</i> Wunderlich, 2004c	Pa Bitterfeld amber
50. <i>Eoleptoneta duocalcar</i> Wunderlich, 2004c	Pa Baltic amber

51. <i>Eoleptoneta kutscheri</i> Wunderlich, 1991*	Pa Bitterfeld amber
52. <i>Eoleptoneta similis</i> Wunderlich, 2004c	Pa Baltic amber
† Oligoleptoneta Wunderlich 2004c	Palaeogene
53. <i>Oligoleptoneta altoculus</i> Wunderlich 2004c*	Pa Baltic amber
TELEMIDAE Fage, 1913	Palaeogene – Recent
Telema Simon, 1882	Palaeogene – Recent
54. ? <i>Telema moritzi</i> Wunderlich, 2004c	Pa Baltic / Bitt. amber
OCHYRO CERATIDAE Fage, 1912	Neogene – Recent
† Arachnolithulus Wunderlich, 1988	Neogene
55. <i>Arachnolithulus longipes</i> Wunderlich, 2004c	Ne Dominican amber
56. <i>Arachnolithulus pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
? <i>Arachnolithulus</i> sp. in Wunderlich (1988)	Ne Dominican amber
† EOPSILODERCIDAE Wunderlich, 2008d	Cretaceous
?Eopsilodercidae indet. 1–3 in Wunderlich (2008d)	K Myanmar amber
† Eopsiloderces Wunderlich, 2008d	Cretaceous
57. <i>Eopsiloderces loxosceloides</i> Wunderlich, 2008d	K Myanmar amber
† Furembolus Wunderlich, 2008d	Cretaceous
58. <i>Furembolus andersoni</i> Wunderlich, 2008d	K Myanmar amber
PHOLCIDAE C. L. Koch, 1851	Palaeogene – Recent
Pholcidae sp. 1–2 in Wunderlich (2004b)	Pa Baltic amber
Pholcidae sp. in Wunderlich (2004au)	Pa Fu Shun amber
Coryssocnemis Simon, 1893	Neogene – Recent
59. ? <i>Coryssocnemis velteni</i> Wunderlich, 2004c	Ne Dominican amber
Leptopholcus Simon, 1893	Neogene
60. <i>Leptopholcus kiskeya</i> Huber & Wunderlich, 2006	Ne Dominican amber
Modisimus Simon, 1893	Neogene – Recent
61. <i>Modisimus calcar</i> Wunderlich, 1988	Ne Dominican amber
62. <i>Modisimus calcaroides</i> Wunderlich, 1988	Ne Dominican amber
63. <i>Modisimus crassifemoralis</i> Wunderlich, 1988	Ne Dominican amber
64. <i>Modisimus oculatus</i> Wunderlich, 1988	Ne Dominican amber
65. <i>Modisimus tuberosus</i> Wunderlich, 1988	Ne Dominican amber
<i>Modisimus</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Paraspermophora Wunderlich, 2004c	Palaeogene
66. <i>Paraspermophora bitterfeldensis</i> Wunderlich, 2004c	Pa Bitterfeld amber
67. <i>Paraspermophora perplexa</i> Wunderlich, 2004c*	Pa Baltic amber
<i>Paraspermophora</i> sp. in Wunderlich (2004c)	Pa Baltic / Bitt. amber
Pholcophora Banks, 1896	Neogene – Recent
68. <i>Pholcophora brevipes</i> Wunderlich, 1988	Ne Dominican amber

69. <i>Pholcophora gracilis</i> Wunderlich, 1988	Ne Dominican amber
70. <i>Pholcophora longicornis</i> Wunderlich, 1988	Ne Dominican amber
Quamtana Huber, 2003	Palaeogene – Recent
71. <i>Quamtana huberi</i> Penney, 2007a	Pa Le Quesnoy amber
† Serratochorus Wunderlich, 1988	Neogene
72. <i>Serratochorus pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
PLECTREURIDAE Simon, 1893	Jurassic – Recent
† Eoplectreurys Selden & Huang, 2010	Jurassic
73. <i>Eoplectreurys gertschi</i> Selden & Huang, 2010	J Daohugou
† Palaeoplectreurys Wunderlich, 2004c	Palaeogene
74. <i>Palaeoplectreurys baltica</i> Wunderlich, 2004c*	Pa Baltic amber
Plectreurys Simon, 1893	Neogene – Recent
75. <i>Plectreurys pittfieldi</i> Penney, 2009	Ne Dominican amber
DIGUETIDAE F. O. P.-Cambridge, 1899	Recent
no fossil record	
CAPONIIDAE Simon, 1890	Neogene – Recent
= COLOPHONIDAE O. P.-Cambridge, 1874 [based on a generic homonym]	
Nops MacLeay, 1839	Neogene – Recent
76. <i>Nops lobatus</i> Wunderlich, 1988	Ne Dominican amber
i. = <i>Nops segmentatus</i> Wunderlich, 1988	Ne Dominican amber
<i>Nops</i> sp. in Wunderlich (1988)	Ne Dominican amber
TETRABLEMMIDAE O. P.-Cambridge, 1873	Palaeogene – Recent
= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]	
= PACULLIDAE Simon, 1894	
† Balticoblemma Wunderlich, 2004c	Palaeogene
77. <i>Balticoblemma unicorniculum</i> Wunderlich, 2004c*	Pa Baltic amber
Monoblemma Gertsch, 1941	Neogene
78. ? <i>Monoblemma spinosum</i> Wunderlich, 1988*	Ne Dominican amber
DYSDEROIDEA Bristowe, 1938	Cretaceous – Recent
?Dysderoidea s. l. indet 1–2 in Wunderlich (2008d)	K Myanmar amber
SEGESTRIIDAE Simon, 1893	Cretaceous – Recent
?Segestriidae indet in Wunderlich (2008d)	K Myanmar amber
Ariadna Audouin, 1826	Cretaceous – Recent
79. ? <i>Ariadna amissiocoli</i> Wunderlich, 2008d	K Jordanian amber
80. <i>Ariadna copalis</i> Wunderlich, 2008a	Qt ?Madagascan copal
81. <i>Ariadna defuncta</i> Wunderlich 2004c	Pa Bitterfeld amber
82. <i>Ariadna hintzei</i> Wunderlich, 2004as	Qt Madagascan copal

83. <i>Ariadna ovalis</i> Wunderlich, 2008a	Pa Baltic amber
84. <i>Ariadna parva</i> Wunderlich, 2008a	Pa Baltic amber
85. <i>Ariadna paucispinosa</i> Wunderlich, 1988	Ne Dominican amber
86. <i>Ariadna resinae</i> Hickman, 1957	Ne? Australian copal
? <i>Ariadna</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Lebansegestria Wunderlich 2008d	Cretaceous
87. <i>Lebansegestria azari</i> Wunderlich, 2008d*	K Lebanese amber
† Microsegestria Wunderlich & Milki, 2004	Cretaceous
88. <i>Microsegestria poinari</i> Wunderlich & Milki, 2004*	K Lebanese amber
† Palaeosegestria Penney, 2004a	Cretaceous
89. <i>Palaeosegestria lutzii</i> Penney, 2004a*	K New Jersey amber
Segestria Latreille, 1804a	Cretaceous – Recent
90. <i>Segestria cristata</i> Menge in C. L. Koch & Berendt, 1854	Pa Baltic amber
91. <i>Segestria flexio</i> Wunderlich, 2004c	Pa Baltic amber
92. <i>Segestria mortalis</i> Wunderlich 2004c	Pa Baltic amber
93. <i>Segestria plicata</i> Petrunkevitch, 1950	Pa Baltic amber
94. <i>Segestria scudderi</i> Petrunkevitch, 1922	Pa Florissant
95. <i>Segestria secessa</i> Scudder, 1890a	Pa Florissant
96. <i>Segestria succinei</i> Berland, 1939	Pa Baltic amber
97. <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
† Vetsegestria Wunderlich, 2004c	Palaeogene
98. <i>Vetsegestria quinquespinoza</i> Wunderlich, 2004c*	Pa Bitterfeld amber
DYSDERIDAE C. L. Koch, 1837	Palaeogene – Recent
† Dasumiana Wunderlich, 2004c	Palaeogene
99. <i>Dasumiana emicans</i> Wunderlich, 2004c*	Pa Baltic amber
100. ? <i>Dasumiana subita</i> (Petrunkevitch, 1958)	Pa Baltic amber
101. <i>Dasumiana valga</i> Wunderlich, 2004c	Pa Baltic amber
Dysdera Latreille, 1804	Palaeogene – Recent
102. <i>Dysdera dilatata</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Harpactea Bristowe, 1939	Palaeogene – Recent
103. <i>Harpactea communis</i> Wunderlich, 2004c	Pa Baltic amber
104. <i>Harpactea extincta</i> Petrunkevitch, 1950	Pa Baltic amber
105. <i>Harpactea hombergi</i> (Scopoli, 1763) [Recent]	Qt England
106. <i>Harpactea tersa</i> (C. L. Koch & Berendt, 1854) ... [provisional transfer]	Pa Baltic amber
Dysderidae?	
† Mistura Petrunkevitch, 1971	Neogene
107. <i>Mistura perplexa</i> Petrunkevitch, 1971*	Ne Chiapas amber

OONOPIDAE Simon, 1890	Cretaceous – Recent
Oonopidae gen. et sp. <i>in</i> Penney (2002)	K New Jersey amber
† Burmorchestina Wunderlich, 2008a	Cretaceous
108. <i>Burmorchestina pulcher</i> Wunderlich, 2008a*	K Myanmar amber
† Canadaorchestina Wunderlich, 2008a	Cretaceous
109. <i>Canadaorchestina albertensis</i> (Penney, 2006a)*	K Manitobian amber
† Eogamasomorpha Wunderlich, 2008d	Cretaceous
110. <i>Eogamasomorpha nubila</i> Wunderlich, 2008d*	K Myanmar amber
† Fossilopaea Wunderlich, 1988	Neogene
111. <i>Fossilopaea sulci</i> Wunderlich, 1988*	Ne Dominican amber
Heteroonops Dalmás, 1916	?Neogene – Recent
<i>Heteroonops</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Opopaea Simon, 1891	?Neogene – Recent
? <i>Opopaea</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Orchestina Simon, 1882	Cretaceous – Recent
112. <i>Orchestina baltica</i> Petrunkevitch, 1942	Pa Baltic amber
113. <i>Orchestina (Baltorchestina) bitterfeldensis</i> Wunderlich, 2008a	Pa Bitterfeld amber
114. <i>Orchestina breviembolus</i> Wunderlich, 1981	Pa Baltic amber
115. <i>Orchestina (Baltorchestina) brevis</i> Wunderlich, 2008a	Pa Baltic amber
116. <i>Orchestina crassiembolus</i> Wunderlich, 1981	Pa Baltic amber
117. <i>Orchestina (Baltorchestina) crassipatellaris</i> Wunderlich, 1981	Pa Baltic amber
118. <i>Orchestina (Baltorchestina) crassitibialis</i> Wunderlich, 1981	Pa Baltic amber
119. <i>Orchestina (Baltorchestina) colchembolus</i> Wunderlich, 1981	Pa Baltic amber
120. <i>Orchestina colombiensis</i> Wunderlich, 2004at	Qt Colombian copal
121. <i>Orchestina dominicana</i> Wunderlich, 1981	Ne Dominican amber
122. <i>Orchestina forceps</i> Wunderlich, 1981	Pa Baltic amber
123. <i>Orchestina (Baltorchestina) furca</i> Wunderlich, 1981	Pa Baltic amber
124. <i>Orchestina fushunensis</i> Wunderlich, 2004au	Pa Fu Shun amber
125. <i>Orchestina gracilitibialis</i> Wunderlich, 2004c	Pa Baltic amber
126. <i>Orchestina (Baltorchestina) imperialis</i> Petrunkevitch, 1963	Pa Baltic amber
127. <i>Orchestina kenya</i> Wunderlich, 1981	Qt East African copal
128. <i>Orchestina longimana</i> Wunderlich, 1981	Qt East African copal
129. <i>Orchestina madagascariensis</i> Wunderlich, 2004as	Qt Madagascan copal
130. <i>Orchestina mortua</i> Petrunkevitch, 1971	Ne Chiapas amber
131. <i>Orchestina (Baltorchestina) multisetae</i> Wunderlich, 2008a	Pa Baltic amber
132. <i>Orchestina (Gallorchestina) parisiensis</i> Penney, 2007b	Pa Le Quesnoy amber
133. <i>Orchestina (Baltorchestina) perfecta</i> Wunderlich, 2008a	Pa Baltic amber
134. <i>Orchestina pusilla</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854)	Pa Baltic amber
135. <i>Orchestina (Baltorchestina) rectangulata</i> Wunderlich, 2008a	Pa Baltic amber
136. <i>Orchestina (Baltorchestina) sternalis</i> Wunderlich, 2008a	Pa Baltic amber

137. <i>Orchestina tibialis</i> Wunderlich, 1988	Ne Dominican amber
138. <i>Orchestina truncata</i> Wunderlich, 2004 <i>at</i>	Qt Colombian copal
139. <i>Orchestina tuberosa</i> Wunderlich, 1981	Pa Baltic amber
<i>Orchestina</i> sp. in Nishikawa (1974)	Qt Mizunami amber
Stenoonops Simon, 1891	Palaeogene – Recent
140. <i>Stenoonops incertus</i> (Wunderlich, 1988)	Ne Dominican amber
141. ? <i>Stenoonops rugosus</i> Wunderlich, 2004 <i>c</i>	Pa Bitterfeld amber
142. <i>Stenoonops seldeni</i> (Penney, 2000)	Ne Dominican amber
ORSOLOBIDAE Cooke, 1965	Recent
no fossil record	
† PLUMORSOLIDAE Wunderlich, 2008 <i>d</i>	Cretaceous
?Plumorsolidae indet. in Wunderlich (2008 <i>d</i>)	K Myanmar amber
† Plumorsolus Wunderlich, 2008 <i>d</i>	Cretaceous
143. <i>Plumorsolus gondwanensis</i> Wunderlich, 2008 <i>d</i>	K Lebanese amber
ENTELEGYNAE Simon, 1893	Triassic – Recent
PALPIMANOIDEA Thorell, 1870 <i>a</i>	Jurassic – Recent
family uncertain	
† Sinaranea Selden, Huang & Ren, 2008	Jurassic
144. <i>Sinaranea metaxyostraca</i> Selden, Huang & Ren, 2008*	J Daohugou, China
ARCHAEIDAE C. L. Koch & Berendt, 1854	Jurassic – Recent
Archaea C. L. Koch & Berendt, 1854	Palaeogene – Recent
145. ? <i>Archaea bitterfeldensis</i> Wunderlich, 2004 <i>d</i>	Pa Bitterfeld amber
146. <i>Archaea compacta</i> Wunderlich, 2004 <i>d</i>	Pa Baltic amber
147. <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
148. <i>Archaea pogneti</i> Simon, 1884 <i>b</i>	Pa Baltic amber
† Baltarchaea Eskov, 1992	Palaeogene
149. <i>Baltarchaea conica</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
† Burmesarchaea Wunderlich, 2008 <i>d</i>	Cretaceous
150. <i>Burmesarchaea grimaldii</i> (Penney, 2003 <i>a</i>)	K Myanmar amber
† Eoarchaea Forster & Platnick, 1984	Palaeogene
151. <i>Eoarchaea hyperoptica</i> (Menge in C. L. Koch & Berendt, 1854)*	Pa Baltic amber
152. <i>Eoarchaea vidua</i> Wunderlich, 2004 <i>d</i>	Pa Baltic amber
† Eomysmauchenius Wunderlich, 2008 <i>d</i>	Cretaceous
153. <i>Eomysmauchenius septentrionalis</i> Wunderlich, 2008 <i>d</i> *	K Myanmar amber
Eriauchenius O. P.-Cambridge, 1881	Quaternary – Recent
154. <i>Eriauchenius gracilicollis</i> (Millot, 1948) [Recent]	Qt Copal

i. = <i>Archaea copalensis</i> Lourenço, 2000b	Qt Copal
† <i>Filiauchenius</i> Wunderlich, 2008d	Cretaceous
155. <i>Filiauchenius paucidentatus</i> Wunderlich, 2008d*	K Myanmar amber
† <i>Jurarchaea</i> Eskov, 1987	Jurassic
156. <i>Jurarchaea zherikhini</i> Eskov, 1987*	J Kazakhstan
† <i>Lacunauchenius</i> Wunderlich, 2008d	Cretaceous
157. <i>Launauchenius speciosus</i> Wunderlich, 2008d*	K Myanmar amber
† <i>Myrmecarchaea</i> Wunderlich, 2004d	Palaeogene
158. <i>Myrmecarchaea petiolus</i> Wunderlich, 2004d*	Pa Baltic amber
159. <i>Myrmecarchaea pediculus</i> Wunderlich, 2004d	Pa Baltic amber
† <i>Patarchaea</i> Selden, Huang & Ren, 2008	Jurassic
160. <i>Patarchaea muralis</i> Selden, Huang & Ren, 2008*	J Daohugou, China
† <i>Saxonarchaea</i> Wunderlich, 2004d	Palaeogene
161. <i>Saxonarchaea dentata</i> Wunderlich, 2004d*	Pa Bitterfeld amber
162. <i>Saxonarchaea diabolica</i> Wunderlich, 2004d	Pa Bitterfeld amber
MECYSMAUCHENIIDAE Simon, 1895	Cretaceous – Recent
† <i>Archaemecys</i> Saupe & Selden, 2009	Cretaceous
163. <i>Archaemecys arcantiensis</i> Saupe & Selden, 2009	K Charente amber
PARARCHAEIDAE Forster & Platnick, 1984	Recent
no fossil record	
HOLARCHAEIDAE Forster & Platnick, 1984	Recent
no fossil record	
MICROPHOLCOMMATIDAE Hickman, 1944	Palaeogene – Recent
= TEXTRICELLIDAE Hickman, 1945	
† <i>Cenotextricella</i> Penney in Penney et al., 2007	Palaeogene
164. <i>Cenotextricella simoni</i> Penney in Penney et al., 2007	Pa Le Quesnoy amber
HUTTONIIDAE Simon, 1893	Cretaceous – Recent
unnamed genus and species in Penney & Selden (2006)	K Manitoban amber
STENOCHILIDAE Thorell, 1873	Recent
no fossil record	
† MICROPALPIMANIDAE Wunderlich, 2008d	Cretaceous
† <i>Micropalpimanus</i> Wunderlich, 2008d	Cretaceous
165. <i>Micropalpimanus poinari</i> Wunderlich, 2008d	K Myanmar amber
PALPIMANIDAE Thorell, 1870a	Neogene – Recent

= OTITHOPOIDAE Thorell, 1869 [younger name protected by useage]

= CHERSIDAE Canestrini & Pavesi, 1870

Otiothops MacLeay, 1839	Neogene – Recent
<i>Otiothops</i> sp. 1–2 in Wunderlich (1988)	Ne Dominican amber
† LAGONOMEGOPIDAE Eskov & Wunderlich, 1995	Cretaceous
† <i>Burlagonomegops</i> Penney, 2005b	Cretaceous
166. <i>Burlagonomegops alavensis</i> Penney, 2006b	K Álava amber
167. <i>Burlagonomegops eskovi</i> Penney, 2005b*	K Myanmar amber
† <i>Grandoculus</i> Penney, 2004b	Cretaceous
168. <i>Grandoculus chemahawinensis</i> (Penney, 2004b)*	K Manitobian amber
† <i>Lagonomegops</i> Eskov & Wunderlich, 1995	Cretaceous
169. <i>Lagonomegops americanus</i> Penney, 2005b	K New Jersey amber
170. <i>Lagonomegops sukatchevae</i> Eskov & Wunderlich, 1995*	K Taimyr amber
† <i>Zarquagonomegops</i> Kaddumi, 2007	Cretaceous
171. <i>Zarquagonomegops wunderlichi</i> Kaddumi, 2007*	K Jordanian amber
† SPATIATORIDAE Petrunkevitch, 1942	Palaeogene
† <i>Spatiator</i> Petrunkevitch, 1942	Palaeogene
172. <i>Spatiator caulis</i> Wunderlich, 2008a	Pa Baltic amber
173. <i>Spatiator martensi</i> Wunderlich, 2006	Pa Baltic amber
174. <i>Spatiator praeceps</i> Petrunkevitch, 1942*	Pa Baltic amber
MALKARIDAE Davies, 1980	Recent
= STERNODIDAE Moran, 1986	
no fossil record	
MIMETIDAE Simon, 1881	Palaeogene – Recent
= CTENOPHORIDAE Blackwall, 1870 [younger name protected by useage]	
Mimetini sp. 1–4 in Wunderlich (2004q)	Pa Baltic amber
Ero C. L. Koch, 1836	Palaeogene – Recent
= † <i>Palaeoero</i> Wunderlich, 2004q	
= † <i>Succinero</i> Wunderlich, 2004q	
175. <i>Ero carboneana</i> Petrunkevitch, 1942	Pa Baltic amber
176. <i>Ero longitarsus</i> (Wunderlich, 2004q)	Pa Baltic amber
177. <i>Ero permunda</i> Petrunkevitch, 1942	Pa Baltic amber
178. <i>Ero rovnoensis</i> (Wunderlich, 2004ar)	Pa Rovno amber
Mimetus Hentz, 1832	Palaeogene – Recent
179. <i>Mimetus bituberculatus</i> Wunderlich, 1988	Ne Dominican amber
180. ? <i>Mimetus brevipes</i> Wunderlich, 2004q	Pa Baltic amber
181. ? <i>Mimetus longipes</i> Wunderlich, 2004q	Pa Baltic amber
i. = <i>Mimetus brevipes</i> Wunderlich, 2004q	Pa Baltic amber

<i>?Mimetus</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
ERESOIDEA C. L. Koch, 1851	Cretaceous – Recent
ERESIDAE C. L. Koch, 1851	?Miocene – Recent
no body fossil record, but a web attributed to the extant genus <i>Seothyra</i> was described by Pickford (2000) from Miocene aeolianites in the Namib Desert of Namibia	
'OECOBIOIDEA'	
Oecobioidea fam. indet. <i>in</i> Wunderlich (2008d)	K Myanmar amber
OECOBIIDAE Blackwall, 1862	Cretaceous – Recent
= UROCTEIDAE Thorell, 1869	
† Lebanoecobius Wunderlich, 2004e	Cretaceous
182. <i>Lebanoecobius schleei</i> Wunderlich, 2004e*	K Lebanese amber
† Mizalia C. L. Koch & Berendt, 1854	Palaeogene
= † <i>Paruroctea</i> Petrunkevitch, 1942	
183. <i>Mizalia blauvelti</i> (Petrunkevitch, 1942)	Pa Baltic amber
184. <i>Mizalia gemini</i> Wunderlich, 2004e	Pa Baltic amber
185. <i>Mizalia rostrata</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
i. = <i>Mizalia pilosula</i> C. L. Koch & Berendt, 1854	
186. <i>Mizalia spirembolus</i> Wunderlich, 2004e	Pa Baltic amber
Oecobius Lucas, 1846	?Cretaceous – Recent
187. <i>Oecobius piliformis</i> Wunderlich, 1988	Ne Dominican amber
<i>?Oecobius</i> sp. indet. <i>in</i> Penney (2002)	K New Jersey amber
Uroctea Dufour, 1820	Palaeogene – Recent
188. <i>Uroctea galloprovincialis</i> Gourret, 1887	Pa Aix-en-Provence
† Zamilia Wunderlich, 2008d	Cretaceous
189. <i>Zamilia antecessor</i> Wunderlich, 2008d	K Myanmar amber
HERSILIIDAE Thorell, 1870a	Palaeogene – Recent
= CHALINUROIDAE Thorell, 1873	
Hersiliidae sp. 1–3 <i>in</i> Wunderlich (2004d)	Pa Baltic amber
† Gerdia Menge, 1869	Palaeogene
190. <i>Gerdia myura</i> Menge, 1869*	Pa Baltic amber
† Gerdiopsis Wunderlich, 2004e	Palaeogene
191. <i>Gerdiopsis infrigens</i> Wunderlich, 2004e*	Pa Baltic amber
† Gerdiorum Wunderlich 2004e	Palaeogene
192. <i>Gerdiorum inflexum</i> Wunderlich 2004e*	Pa Baltic amber
Hersilia Audouin, 1826	Palaeogene
193. <i>Hersilia aquisextana</i> Gourret, 1887	Pa Aix-en-Provence
194. <i>Hersilia longipes</i> Giebel, 1856	Pa Baltic amber
195. <i>?Hersilia miranda</i> C. L. Koch & Berendt, 1854	Pa Baltic amber

† <i>Hersiliana</i> Wunderlich, 2004e	Quaternary – Recent
196. <i>Hersiliana brevipes</i> Wunderlich, 2004e*	Qt Madagascan copal
† <i>Hersiliopsis</i> Wunderlich, 2004e	Quaternary – Recent
197. <i>Hersiliopsis madagascarensis</i> Wunderlich, 2004e	Qt Madagascan copal
† <i>Prototama</i> Petrunkevitch, 1971	Neogene
= † <i>Priscotama</i> Petrunkevitch, 1971	
198. <i>Prototama antiqua</i> (Petrunkevitch, 1971)	Ne Chiapas amber
199. <i>Prototama maior</i> (Wunderlich, 1988)	Ne Dominican amber
200. <i>Prototama media</i> (Wunderlich, 1988)	Ne Dominican amber
201. <i>Prototama minor</i> (Wunderlich, 1987)	Ne Dominican amber
202. <i>Prototama succinea</i> Petrunkevitch, 1971*	Ne Chiapas amber
<i>Prototama</i> sp. in Wunderlich (1988)	Ne Dominican amber
Superfamily uncertain	
† BURMASCUTIDAE Wunderlich, 2008d	Cretaceous
† <i>Burmascutum</i> Wunderlich, 2008d	Cretaceous
203. <i>Burmascutum aenigma</i> Wunderlich, 2008d	K Myanmar amber
† SALTICOIDIDAE Wunderlich, 2008d	Cretaceous
† <i>Salticoidus</i> Wunderlich, 2008d	Cretaceous
204. <i>Salticoidus kaddumiorum</i> Wunderlich, 2008d	K Jordanian amber
'CANOE TAPETUM' CLADE	Triassic – Recent
ORBICULARIAE Walckenaer, 1802	Triassic – Recent
DEINOPOIDEA C. L. Koch, 1851	Cretaceous – Recent
DEINOPIDAE C. L. Koch, 1851	Cretaceous – Recent
<i>Menneus</i> Simon, 1876b	Palaeogene – Recent
205. ? <i>Menneus pietrzeniukae</i> Wunderlich, 2004g	Pa Baltic amber
? <i>Menneus</i> sp. 1–3 in Wunderlich (2004g)	Pa Baltic amber
† <i>Palaeomicromennus</i> Penney, 2003b	Cretaceous
206. <i>Palaeomicromennus lebanensis</i> Penney, 2003b*	K Lebanese amber
ULOBORIDAE Thorell, 1869	Cretaceous – Recent
† <i>Burmuloborus</i> Wunderlich, 2008d	Cretaceous
207. <i>Burmuloborus parvus</i> Wunderlich, 2008d	K Myanmar amber
† <i>Eomiagrammopes</i> Wunderlich, 2004f	Palaeogene
208. <i>Eomiagrammopes maior</i> Wunderlich, 2004f	Pa Baltic amber
209. <i>Eomiagrammopes minor</i> Wunderlich, 2004f	Pa Baltic amber
210. <i>Eomiagrammopes singularis</i> Wunderlich, 2004f*	Pa Baltic amber
211. <i>Eomiagrammopes spinipes</i> Wunderlich, 2004f	Pa Baltic amber
<i>Eomiagrammopes</i> sp. 1–2 in Wunderlich (2004f)	Pa Baltic amber
? <i>Eomiagrammopes</i> sp. in Wunderlich (2004f)	Pa Baltic amber

† Hyptiomopes Wunderlich, 2004f	Palaeogene
212. <i>Hyptiomopes bitterfeldensis</i> Wunderlich 2004f*	Pa Bitterfeld amber
? <i>Hyptiomopes</i> sp. in Wunderlich (2004f)	Pa Bitterfeld amber
Hyptiotes Walckenaer, 1837	Palaeogene – Recent
= † <i>Androgeus</i> C. L. Koch & Berendt, 1854	
213. <i>Hyptiotes convexus</i> Wunderlich, 2004f	Pa Baltic amber
214. <i>Hyptiotes glaber</i> Wunderlich, 2004f	Pa Baltic amber
215. <i>Hyptiotes saetosus</i> Wunderlich, 2004f	Pa Baltic amber
216. <i>Hyptiotes stellatus</i> Wunderlich, 2004f	Pa Baltic amber
217. <i>Hyptiotes triqueter</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
Miagrammopes O. P.-Cambridge, 1870	Neogene – Recent
218. <i>Miagrammopes dominicanus</i> Wunderlich, 2004e	Ne Dominican amber
<i>Miagrammopes</i> sp. in Penney (2001)	Ne Dominican amber
† Opellianus Wunderlich, 2004f	Palaeogene
219. <i>Opellianus excellens</i> Wunderlich, 2004f*	Pa Baltic amber
220. <i>Opellianus kazimierasi</i> Wunderlich 2004f	Pa Baltic amber
221. <i>Opellianus ludwigi</i> Wunderlich 2004f	Pa Baltic amber
† Palaeomiagrammopes Wunderlich, 2008d	Cretaceous
222. <i>Palaeomiagrammopes vesica</i> Wunderlich, 2008d	K Myanmar amber
† Palaeouloborus Selden, 1990	Cretaceous
223. <i>Palaeouloborus lacasae</i> Selden, 1990*	K Sierra de Montsech
† Paramiagrammopes Wunderlich, 2008d	Cretaceous
224. <i>Paramiagrammopes cretaceus</i> Wunderlich, 2008d	K Myanmar amber
<i>Paramiagrammopes</i> sp. in Wunderlich (2008d)	K Myanmar amber
† Ulobomopes Wunderlich, 2004f	Palaeogene
225. <i>Ulobomopes unicus</i> Wunderlich, 2004f*	Pa Baltic amber
ARANEOIDEA Latreille, 1806	Triassic – Recent
Araneoidea fam indet. in Wunderlich (2008d)	K Myanmar amber
† Argyrarachne Selden in Selden et al., 1999	Triassic
226. <i>Argyrarachne solitus</i> Selden in Selden et al., 1999*	Tr Virginia
† Mesarania Hong, 1984	Jurassic
227. <i>Mesarania hebeiensis</i> Hong, 1984*	J Hebei, China
† Triassaraneus Selden in Selden et al., 1999	Triassic
228. <i>Triassaraneus andersonorum</i> Selden in Selden et al., 1999*	Tr KwaZulu-Natal
CYATHOLIPIDAE Simon, 1894	Palaeogene – Recent
= TEEMENAARIDAE Davies, 1978	
† Balticolipus Wunderlich, 2004m	Palaeogene
229. <i>Balticolipus kruemmeri</i> Wunderlich, 2004m*	Pa Baltic / Bitt. amber
† Cyathosuccinus Wunderlich, 2004m	Palaeogene
230. <i>Cyathosuccinus elongatus</i> Wunderlich, 2004m*	Pa Baltic amber

† <i>Erigolipus</i> Wunderlich, 2004m	Palaeogene
231. <i>Erigolipus griswoldi</i> Wunderlich, 2004m*	Pa Baltic amber
† <i>Spinilipus</i> Wunderlich, 1993b	Palaeogene
232. <i>Spinilipus bispinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
233. <i>Spinilipus curvatus</i> Wunderlich, 2004m	Pa Bitterfeld amber
234. <i>Spinilipus glinki</i> Wunderlich, 2004m	Pa Baltic amber
235. <i>Spinilipus kerneggeri</i> Wunderlich, 1993b*	Pa Baltic amber
236. <i>Spinilipus longembolus</i> Wunderlich, 2004m	Pa Baltic amber
† <i>Succinilipus</i> Wunderlich, 1993b	Palaeogene
237. <i>Succinilipus abditus</i> Wunderlich, 2004m	Pa Baltic / Bitt. amber
238. <i>Succinilipus aspinosus</i> Wunderlich, 2004m	Pa Bitterfeld amber
239. <i>Succinilipus saxoniensis</i> Wunderlich, 1993b	Pa Bitterfeld amber
240. <i>Succinilipus similis</i> Wunderlich, 2004m	Pa Bitterfeld amber
241. <i>Succinilipus teuberi</i> Wunderlich, 1993b*	Pa Baltic amber
<i>Succinilipus</i> sp. in Wunderlich (2004m)	Pa Baltic / Bitt. amber
SYNOTAXIDAE Simon, 1894	Palaeogene – Recent
† <i>Acrometa</i> Petrunkevitch, 1942	Palaeogene
= † <i>Eogonatium</i> Petrunkevitch, 1942	
= † <i>Liticen</i> Petrunkevitch, 1942	
= † <i>Theridiometa</i> Petrunkevitch, 1942	
= † <i>Viocurus</i> Petrunkevitch, 1958	
242. <i>Acrometa clava</i> Wunderlich, 2004n	Pa Baltic amber
243. <i>Acrometa cristata</i> Petrunkevitch, 1942*	Pa NE Europe ambers
i. = <i>Theridiometa edwardsi</i> Petrunkevitch, 1942	Pa Baltic amber
ii. = <i>Viocurus fossilis</i> Petrunkevitch, 1958	Pa Baltic amber
244. <i>Acrometa eichmanni</i> Wunderlich, 2004n	Pa Baltic amber
245. <i>Acrometa incidens</i> Wunderlich, 2004n	Pa Baltic amber
246. <i>Acrometa minutum</i> (Petrunkevitch, 1942)	Pa Baltic amber
247. <i>Acrometa pala</i> Wunderlich, 2004n	Pa Baltic amber
248. <i>Acrometa robusta</i> (Petrunkevitch, 1942)	Pa Baltic amber
249. <i>Acrometa pseudorobusta</i> Dunlop & Jekel, 2009	Pa Baltic amber
i. = <i>Acrometa robusta</i> (Petrunkevitch, 1946) [preoccupied]	
250. <i>Acrometa samlandica</i> (Petrunkevitch, 1942)	Pa Baltic amber
251. <i>Acrometa setosus</i> (Petrunkevitch, 1942)	Pa Baltic amber
252. <i>Acrometa succini</i> Petrunkevitch, 1942	Pa Baltic amber
† <i>Anandrus</i> Menge, 1856	Palaeogene
= † <i>Elucus</i> Petrunkevitch, 1942	
253. <i>Anandrus inermis</i> (Petrunkevitch, 1942)	Pa Baltic amber
254. <i>Anandrus infelix</i> (Petrunkevitch, 1950)*	Pa Baltic amber
255. <i>Anandrus quaesitus</i> (Petrunkevitch, 1958)	Pa Baltic amber
256. <i>Anandrus redemptus</i> (Petrunkevitch, 1958)	Pa Baltic amber

† Chelicerinus Wunderlich, 2008a	Palaeogene
257. <i>Chelicerinus abnormis</i> Wunderlich, 2008a	Pa Bitterfeld amber
† Cornuanandrus Wunderlich, 1986	Palaeogene
258. <i>Cornuanandrus bifurcatus</i> Wunderlich, 2004n	Pa Bitterfeld amber
259. <i>Cornuanandrus bitterfeldensis</i> Wunderlich, 2004n	Pa Bitterfeld amber
260. <i>Cornuanandrus corniculans</i> Wunderlich, 2004n	Pa Baltic amber
261. <i>Cornuanandrus maior</i> Wunderlich, 1986*	Pa Baltic amber
262. <i>Cornuanandrus minor</i> Wunderlich, 2004n	Pa Baltic amber
† Dubiosynotaxus Wunderlich, 2004n	Palaeogene
263. <i>Dubiosynotaxus perfectus</i> Wunderlich, 2004n*	Pa Baltic amber
† Eosynotaxus Wunderlich, 2004n	Palaeogene
264. <i>Eosynotaxus bispinosus</i> Wunderlich, 2004n	Pa Baltic amber
265. <i>Eosynotaxus bitterfeldensis</i> Wunderlich, 2004n	Pa Bitterfeld amber
266. <i>Eosynotaxus custodens</i> Wunderlich, 2004n	Pa Baltic amber
267. <i>Eosynotaxus fastigatus</i> Wunderlich, 2004n	Pa Baltic amber
268. <i>Eosynotaxus paucispina</i> Wunderlich, 2004n	Pa Baltic amber
269. <i>Eosynotaxus spinipes</i> Wunderlich, 2004n	Pa Baltic amber
270. <i>Eosynotaxus wegneri</i> Wunderlich, 2004n*	Pa Baltic amber
† Gibbersynotaxus Wunderlich, 2004n	Palaeogene
271. <i>Gibbersynotaxus parvus</i> Wunderlich, 2004n*	Pa Baltic amber
† Protophysoglenes Wunderlich, 2004n	Palaeogene
272. <i>Protophysoglenes impressum</i> Wunderlich, 2004n*	Pa Baltic amber
† Pseudoacrometa Wunderlich, 1986	Palaeogene
273. <i>Pseudoacrometa gracilipes</i> Wunderlich, 1986*	Pa Baltic amber
274. <i>Pseudoacrometa wittmanni</i> Wunderlich, 2004n	Pa Baltic amber
† Succinitaxus Wunderlich, 2004n	Palaeogene
275. <i>Succinitaxus brevis</i> Wunderlich, 2004n*	Pa Baltic/Bitt. amber
276. ? <i>Succinitaxus minutus</i> Wunderlich, 2004n	Pa Baltic amber
† Sulcosynotaxus Wunderlich, 2004n	Palaeogene
277. <i>Sulcosynotaxus cavatus</i> Wunderlich, 2004n*	Pa Baltic amber
NESTICIDAE Simon, 1894	Palaeogene – Recent
† Balticonesticus Wunderlich, 1986	Palaeogene
278. <i>Balticonesticus flexuosus</i> Wunderlich, 1986*	Pa Baltic amber
† Eopopino Petrunkevitch, 1942	Palaeogene
279. <i>Eopopino budrysi</i> Eskov & Marusik, 1992	Pa Baltic amber
280. <i>Eopopino inopinatus affinis</i> Wunderlich, 1986	Pa Baltic amber
281. <i>Eopopino inopinatus inopinatus</i> Wunderlich, 1986	Pa Baltic amber
282. <i>Eopopino longipes</i> Petrunkevitch, 1942*	Pa Baltic amber
283. <i>Eopopino palanga</i> Eskov & Marusik, 1992	Pa Baltic amber
284. <i>Eopopino rarus rarus</i> Wunderlich, 1986	Pa Baltic amber

285. <i>Eopopino rarus solitarius</i> Wunderlich, 1986	Pa Baltic amber
286. <i>Eopopino rudloffii</i> Wunderlich, 2004o	Pa Bitterfeld amber
<i>Eopopino</i> sp. in Wunderlich (1986)	Pa Bitterfeld amber
† Heteronesticus Wunderlich, 1986	Palaeogene
287. <i>Heteronesticus magnoparacymbialis</i> Wunderlich, 1986*	Pa Baltic amber
† Hispanonesticus Wunderlich, 1986	Neogene
288. <i>Hispanonesticus latopalpus</i> Wunderlich, 1986*	Ne Dominican amber
THERIDIIDAE Sundevall, 1833	?Jurassic – Recent
= PHYCOIDAE Thorell, 1873	
= EPISINIDAE O. P.-Cambridge, 1879a	
= HADROTARSIDAE Thorell, 1881	
Theridiidae gen. et sp. in Nishikawa (1974)	Qt Mizunami amber
Achaeearanea Strand, 1929	Neogene – Recent
289. <i>Achaeearanea extincta</i> Wunderlich, 1988	Ne Dominican amber
<i>Achaeearanea</i> sp. in Wunderlich (1988)	Ne Dominican amber
Argyrodes Simon, 1864	Neogene – Recent
290. <i>Argyrodes (Ariamnes) copalis</i> Wunderlich, 2008b	Qt Colombian copal
291. <i>Argyrodes (Rhomphaea) gibbifera</i> Wunderlich, 2004as	Qt Madagascar copal
292. <i>Argyrodes parvipatellaris</i> Wunderlich, 1988	Ne Dominican amber
<i>Argyrodes</i> sp. in Wunderlich (1988)	Ne Dominican amber
† Balticoridion Wunderlich, 2008b	Palaeogene
293. <i>Balticoridion dubium</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber
† Balticpholcomma Wunderlich, 2008b	Palaeogene
294. <i>Balticpholcomma scutatum</i> Wunderlich, 2008b*	Pa Baltic amber
† Caudasinus Wunderlich, 2008b	Palaeogene
295. <i>Caudasinus bispinosus</i> Wunderlich, 2008b	Pa Baltic amber
296. <i>Caudasinus caudatus</i> Wunderlich, 2008b*	Pa Baltic amber
297. <i>Caudasinus regeneratus</i> Wunderlich, 2008b	Pa Baltic amber
<i>Caudasinus</i> sp. in Wunderlich (2008b)	Pa Baltic amber
Chrosiothes Simon, 1894	Neogene – Recent
298. <i>Chrosiothes biconigerus</i> Wunderlich, 1988	Ne Dominican amber
299. <i>Chrosiothes curvispinosus</i> Wunderlich, 1988	Ne Dominican amber
300. <i>Chrosiothes emulgatus</i> Wunderlich, 1988	Ne Dominican amber
301. <i>Chrosiothes longispinosus</i> Wunderlich, 1988	Ne Dominican amber
302. <i>Chrosiothes monoceros</i> Wunderlich, 1988	Ne Dominican amber
303. <i>Chrosiothes tumulus</i> Wunderlich, 1988	Ne Dominican amber
304. <i>Chrosiothes unicornis</i> Wunderlich, 1988	Ne Dominican amber
Chryso O. P.-Cambridge, 1882a	Neogene – Recent
305. <i>Chryso conspicua</i> Wunderlich, 1988	Ne Dominican amber
306. <i>Chryso dubia</i> Wunderlich, 1988	Ne Dominican amber
† Clavibertus Wunderlich, 2008b	Palaeogene

307.	<i>Clavibertus parvus</i> Wunderlich, 2008b	Pa Baltic amber
308.	<i>Clavibertus prominens</i> Wunderlich, 2008b*	Pa Baltic amber
†	Clya C. L. Koch & Berendt, 1854	Palaeogene
309.	<i>Clya abdita</i> Wunderlich, 2008b	Pa Baltic amber
310.	<i>Clya lugubris</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
311.	<i>Clya calefacta</i> Wunderlich, 2008b	Pa Baltic amber
312.	<i>Clya gracilis</i> (Petrunkevitch, 1958)	Pa Baltic amber
313.	<i>Clya granulata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
314.	<i>Clya obscura</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
315.	<i>Clya rotata</i> Wunderlich, 2008b	Pa Baltic amber
316.	<i>Clya supercalefacta</i> Wunderlich, 2008b	Pa Baltic amber
317.	<i>Clya superspiralis</i> Wunderlich, 2008b	Pa Baltic amber
318.	<i>Clya tricurvata</i> Wunderlich, 2008b	Pa Baltic amber
†	Cornutidion Wunderlich, 1988	Neogene
319.	<i>Cornutidion elongatum</i> Wunderlich, 1988*	Ne Dominican amber
	Craspedisia Simon, 1894	Neogene – Recent
	<i>Craspedisia</i> sp. in Wunderlich (1988)	Ne Dominican amber
†	Cymbiopholcomma Wunderlich, 2008b	Palaeogene
320.	<i>Cymbiopholcomma dudum</i> Wunderlich, 2008b*	Pa Baltic amber
321.	<i>Cymbiopholcomma spiculum</i> Wunderlich, 2008b	Pa Baltic amber
†	Dipoenata Wunderlich, 1988	Neogene
322.	<i>Dipoenata altiocularata</i> Wunderlich, 1988	Ne Dominican amber
323.	<i>Dipoenata cala</i> Wunderlich, 1988	Ne Dominican amber
324.	<i>Dipoenata clypeata</i> Wunderlich, 1988	Ne Dominican amber
325.	<i>Dipoenata globulus</i> Wunderlich, 1988	Ne Dominican amber
326.	<i>Dipoenata praedominicana</i> (Wunderlich, 1986)	Qt Dominican copal
327.	<i>Dipoenata stipes</i> Wunderlich, 1988*	Ne Dominican amber
328.	<i>Dipoenata yolandae</i> Wunderlich, 1988	Ne Dominican amber
	<i>Dipoenata</i> sp. in Wunderlich (1988)	Ne Dominican amber
†	Eoasagena Wunderlich, 2008b	Palaeogene
329.	<i>Eoasagena scutata</i> Wunderlich, 2008b*	Pa Baltic amber
†	Eolyrifer Wunderlich, 2008b	Palaeogene
330.	<i>Eolyrifer longitibialis</i> Wunderlich, 2008b*	Pa Baltic amber
†	Eomysmena Petrunkevitch, 1942	Palaeogene – Neogene
	= † <i>Antopia</i> Menge, 1854 [tentative synonymy]	
	= † <i>Astodipoena</i> Petrunkevitch, 1958	
	= † <i>Eodipoena</i> Petrunkevitch, 1942	
331.	<i>Eomysmena asta</i> Petrunkevitch, 1971	Ne Chiapas amber
332.	<i>Eomysmena aviceps</i> Wunderlich, 2008b	Pa Baltic amber
333.	<i>Eomysmena calefacta</i> Wunderlich, 2008b	Pa Baltic amber
334.	<i>Eomysmena crassa</i> (Petrunkevitch, 1958)	Pa Baltic amber

335. *Eomysmena baltica* Petrunkevitch, 1946 Pa Baltic amber
336. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) Pa Baltic amber
337. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) Pa Baltic amber
338. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) Pa Baltic amber
339. *Eomysmena moritura* Petrunkevitch, 1942* Pa Baltic amber
 i. = *Eomysmena consulta* (Petrunkevitch, 1958)
 [tentative synonymy] Pa Baltic amber
340. *Eomysmena nielseni* (Petrunkevitch, 1958) Pa Baltic amber
341. *Eomysmena oculata* (Petrunkevitch, 1942) Pa Baltic amber
342. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) Pa Baltic amber
343. *Eomysmena recta* Wunderlich, 2008*b* Pa Baltic amber
344. *Eomysmena tenera* (Menge in C. L. Koch & Berendt, 1854) Pa Baltic amber
Eomysmena spp. in Wunderlich 2008*b* Pa Baltic / Bitt. Amber
- † ***Eoteutana* Wunderlich, 2008*b*** **Palaeogene**
345. *Eoteutana hirsuta* Wunderlich, 2008*b** Pa Baltic amber
- Episinus* Latreille, 1809** **Palaeogene – Recent**
- = † *Flegia* C. L. Koch & Berendt, 1854
- = † *Impulsor* Petrunkevitch, 1942
- = † *Malleator* Petrunkevitch, 1942
- = † *Mictodipoena* Petrunkevitch, 1958
- = † *Municeps* Petrunkevitch, 1942 [tentative synonymy]
346. *Episinus anapidaeque* Wunderlich, 2008*b* Pa Baltic amber
347. *Episinus antecognatus* Wunderlich, 1986 Qt Dominican copal
348. *Episinus appendix* Wunderlich, 2008*b* Pa Baltic amber
349. *Episinus arrodens* Wunderlich, 2008*b* Pa Baltic amber
350. *Episinus balticus* Marusik & Penney, 2004 Pa Baltic / Bitt. amber
351. *Episinus brevipalpus* Wunderlich, 1988 Ne Dominican amber
352. *Episinus bulla* Wunderlich, 2008*b* Pa Baltic amber
353. *Episinus chiapasanus* (Petrunkevitch, 1971) Ne Chiapas amber
354. *Episinus clunus* Wunderlich, 2008*b* Pa Baltic amber
355. *Episinus cochlear* Wunderlich, 2008*b* Pa Baltic amber
356. *Episinus cornutus* Wunderlich, 1988 Ne Dominican amber
357. *Episinus cymbialis* Wunderlich, 2008*b* Pa Baltic amber
358. *Episinus dimidius* Wunderlich, 2008*b* Pa Baltic amber
359. *Episinus eskovi* Marusik & Penney, 2004 Pa Baltic amber
360. *Episinus isopteraque* Wunderlich, 2008*b* Pa Baltic amber
361. *Episinus latus* Wunderlich, 2008*b* Pa Baltic amber
362. *Episinus longimanus* (C. L. Koch & Berendt, 1854) Pa Baltic amber
 i. = *Malleator niger* Petrunkevitch, 1942 Pa Baltic amber
363. *Episinus longisoma* Wunderlich, 2008*b* Pa Baltic amber
364. *Episinus minutus* (Petrunkevitch, 1958) Pa Baltic amber
365. *Episinus mordellidaeque* Wunderlich, 2008*b* Pa Baltic amber

366. <i>Episinus musculus</i> Wunderlich, 2008b	Pa	Baltic amber
367. <i>Episinus mutilus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
368. <i>Episinus nausticymbium</i> Wunderlich, 2008b	Pa	Baltic amber
369. <i>Episinus neglectus</i> (Petrunkevitch, 1942)	Pa	Baltic amber
370. <i>Episinus penneyi</i> Garcia-Villafuerte, 2006a	Ne	Chiapas amber
371. <i>Episinus praecognatus</i> Wunderlich, 1982	Ne	Dominican amber
372. <i>Episinus pulcher</i> (Petrunkevitch, 1942)	Pa	Baltic amber
373. <i>Episinus regalis</i> (Petrunkevitch, 1958)	Pa	Baltic amber
374. <i>Episinus stridulus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
375. <i>Episinus transversus</i> Wunderlich, 2008b	Pa	Baltic amber
376. <i>Episinus tuberosus</i> Wunderlich, 1988	Ne	Dominican amber
<i>Episinus</i> spp. in Wunderlich (2008b)	Pa	Baltic amber
Euryopsis Menge, 1868		Palaeogene – Recent
377. ? <i>Euryopsis araneoides</i> Wunderlich, 2008b	Pa	Baltic amber
378. <i>Euryopsis bitterfeldensis</i> Wunderlich, 2008b	Pa	Baltic / Bitt. amber
379. <i>Euryopsis nexus</i> Wunderlich, 2008b	Pa	Baltic amber
380. <i>Euryopsis streyi</i> Wunderlich, 2008b	Pa	Baltic / Bitt. amber
† Euryopus Menge in C. L. Koch & Berendt, 1854		Palaeogene
381. <i>Euryopus gracilipes</i> Menge in C. L. Koch & Berendt, 1854*	Pa	Baltic amber
Faiditus Keyserling, 1884		Neogene – Recent
382. <i>Faiditus crassipatellaris</i> (Wunderlich, 1988)	Ne	Dominican amber
† Globulidion Wunderlich, 2008b		Palaeogene
383. <i>Globulidion cochlea</i> Wunderlich, 2008b*	Pa	Baltic amber
† Hirsutipalpus Wunderlich, 2008b		Palaeogene
384. <i>Hirsutipalpus varipes</i> Wunderlich, 2008b*	Pa	Baltic / Bitt. Amber
† Kochiuridion Wunderlich, 2008b		Palaeogene
385. <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)]		
386. <i>Lasaeola acumen</i> Wunderlich, 2008b	Pa	Baltic amber
387. <i>Lasaeola baltica</i> (Marusik & Penney, 2004)	Pa	Baltic amber
388. <i>Lasaeola bitterfeldensis</i> Wunderlich, 2008b	Pa	Bitterfeld amber
389. <i>Lasaeola communis</i> Wunderlich, 2008b	Pa	Baltic amber
390. <i>Lasaeola (Nactodipoena) dunbari</i> (Petrunkevitch, 1942)	Pa	Baltic amber
391. ? <i>Lasaeola furca</i> Wunderlich, 2008b	Pa	Baltic amber
392. <i>Lasaeola germanica</i> (Petrunkevitch, 1958)	Pa	Baltic amber
393. <i>Lasaeola infulata</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic / Bitt. Amber
394. <i>Lasaeola larvaque</i> Wunderlich, 2008b	Pa	Baltic amber
395. <i>Lasaeola latisulci</i> Wunderlich, 2008b	Pa	Baltic amber
396. <i>Lasaeola pristina</i> (Wunderlich, 1986)	Ne	Dominican amber
397. <i>Lasaeola puta</i> Wunderlich, 1988	Ne	Dominican amber

398. <i>Lasaeola sexsaetosa</i> Wunderlich, 2008b	Pa Baltic amber
399. ? <i>Lasaeola sigillata</i> Wunderlich, 2008b	Pa Bitterfeld amber
400. <i>Lasaeola vicina</i> (Wunderlich, 1982)	Ne Dominican amber
401. <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
402. <i>Medela baltica</i> Petrunkevitch, 1942*	Pa Baltic amber
† Mimetidion Wunderlich, 2008b	Palaeogene
403. <i>Mimetidion furca</i> Wunderlich, 2008b*	Pa Baltic amber
† Nanomysmena Petrunkevitch, 1958	Palaeogene
404. <i>Nanomysmena aculeata</i> Petrunkevitch, 1958	Pa Baltic amber
405. <i>Nanomysmena munita</i> Petrunkevitch, 1958	Pa Baltic amber
406. <i>Nanomysmena palanga</i> Marusik & Penney, 2004	Pa Baltic amber
407. <i>Nanomysmena petrunkevitchi</i> Marusik & Penney, 2004	Pa Baltic amber
408. <i>Nanomysmena pseudogracilis</i> Marusik & Penney, 2004	Pa Baltic amber
† Nanosteatoda Wunderlich, 2008b	Palaeogene
409. <i>Nanosteatoda breviscutum</i> Wunderlich, 2008b	Pa Baltic amber
410. <i>Nanosteatoda trisetae</i> Wunderlich, 2008b	Pa Baltic amber
† Obscuropholcomma Wunderlich, 2008b	Palaeogene
411. <i>Obscuropholcomma tegens</i> Wunderlich, 2008b*	Pa Baltic amber
Phoroncidia Westwood, 1835	Quaternary – Recent
412. <i>Phoroncidia ?aculeata</i> Westwood, 1835 [Recent]	Qt Madagas. Copal
† Praetereuryopsis Wunderlich, 2008b	Palaeogene
413. <i>Praetereuryopsis phoroncidoides</i> Wunderlich, 2008b*	Pa Baltic amber
† Pronepos Petrunkevitch, 1963	Neogene
414. <i>Pronepos exilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
415. <i>Pronepos fossilis</i> Petrunkevitch, 1963	Ne Chiapas amber
† Protosteatoda Wunderlich, 2008b	Palaeogene
416. <i>Protosteatoda gutta</i> Wunderlich, 2008b	Pa Baltic amber
† Pseudoteutana Wunderlich, 2008b	Palaeogene
417. <i>Pseudoteutana stigmatorosa</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
418. <i>Rugapholcomma patellaris</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinisinus Wunderlich, 2008b	Palaeogene
419. <i>Spinisinus parvioculi</i> Wunderlich, 2008b	Pa Baltic amber
420. <i>Spinisinus splendidus</i> Wunderlich, 2008b*	Pa Baltic amber
† Spinitharinus Wunderlich, 2008b	Palaeogene
421. <i>Spinitharinus bulbosus</i> Wunderlich, 2008b*	Pa Baltic / Bitt. amber

422.	<i>Spinitharinus cheliceratus</i> Wunderlich, 2008b	Pa Baltic / Bitt. amber
423.	<i>Spinitharinus coniectens</i> Wunderlich, 2008b	Pa Baltic amber
424.	<i>Spinitharinus curvatus</i> Wunderlich, 2008b	Pa Baltic amber
425.	<i>Spinitharinus cymbiosesta</i> Wunderlich, 2008b	Pa Baltic amber
	<i>Spinitharinus</i> spp. in Wunderlich (2008b)	Pa Baltic amber
Spintharus Hentz, 1850		Neogene – Recent
426.	<i>Spintharus longisoma</i> Wunderlich, 1988	Ne Dominican amber
Steatoda Sundevall, 1833		?Palaeogene – Recent
427.	' <i>Steatoda</i> ' <i>anticus</i> (Berland, 1939)	Pa Baltic amber
Stemmops O. P.-Cambridge, 1894		Neogene – Recent
428.	<i>Stemmops incertus</i> Wunderlich, 1988	Ne Dominican amber
429.	<i>Stemmops prominens</i> Wunderlich, 1988	Ne Dominican amber
Styposis Simon, 1894		Neogene – Recent
430.	<i>Styposis pholcoides</i> Wunderlich, 1988	Ne Dominican amber
† Succinobertus Wunderlich, 2008b		Palaeogene
431.	<i>Succinobertus adjacens</i> Wunderlich, 2008b*	Pa Baltic / Bitt. Amber
† Succinura Wunderlich, 2008b		Palaeogene
432.	<i>Succinura aciesaeta</i> Wunderlich, 2008b	Pa Baltic amber
433.	<i>Succinura bellavista</i> Wunderlich, 2008b*	Pa Baltic amber
434.	<i>Succinura circuita</i> Wunderlich, 2008b	Pa Baltic amber
435.	<i>Succinura dubia</i> Wunderlich, 2008b	Pa Baltic amber
436.	<i>Succinura fuscoruber</i> Wunderlich, 2008b	Pa Baltic amber
437.	<i>Succinura ovalis</i> Wunderlich, 2008b	Pa Baltic amber
	<i>Succinura</i> sp. in Wunderlich (2008b)	Pa Baltic amber
Theridion Walckenaer, 1805		?Jurassic – Recent
438.	' <i>Theridion</i> ' <i>alutaceum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
439.	<i>Theridion annulipes</i> Heer, 1865	Ne Öhningen
440.	<i>Theridion atalus</i> Chang, 2004 [generic assignment unreliable!]	K Jehol Biota
441.	' <i>Theridion</i> ' <i>berendti</i> Marusik & Penney, 2004	Pa Baltic amber
	i. = <i>Theridion globosa</i> C. L. Koch & Berendt, 1854 [preoccupied]	
442.	<i>Theridion bucklandi</i> Thorell, 1870a	Pa Aix-en-Provence
443.	<i>Theridion contrarium</i> Wunderlich, 1988	Ne Dominican amber
444.	<i>Theridion crassipalpus</i> Berland, 1939	Pa Aix-en-Provence
445.	' <i>Theridion</i> ' <i>detersum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
446.	<i>Theridion erectoides</i> Wunderlich, 1988	Ne Dominican amber
447.	<i>Theridion erectum</i> Wunderlich, 1988	Ne Dominican amber
448.	' <i>Theridion</i> ' <i>globosus</i> (Presl, 1822)	Pa Baltic amber
449.	<i>Theridion globulus</i> Heer, 1865	Ne Öhningen
450.	' <i>Theridion</i> ' <i>hirtum</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
451.	<i>Theridion inversum</i> Wunderlich, 1988	Ne Dominican amber
452.	<i>Theridion maculipes</i> Heer, 1865	Ne Öhningen

453. '*Theridion*' *oblongum* (Presl, 1822) Pa Baltic amber
 454. '*Theridion*' *ovale* C. L. Koch & Berendt, 1854 Pa Baltic amber
 455. '*Theridion*' *ovatum* C. L. Koch & Berendt, 1854 Pa Baltic amber
 456. '*Theridion*' *simplex* C. L. Koch & Berendt, 1854 Pa Baltic amber
 457. *Theridion variosoma* Wunderlich, 1988 Ne Dominican amber
 458. *Theridion wunderlichi* Penney, 2001 Ne Dominican amber
 i. = *Theridion ovale* Wunderlich, 1988 [preoccupied]
- † ***Thyelia* C. L. Koch & Berendt, 1854** **Palaeogene**
 459. *Thyelia anomala* C. L. Koch & Berendt, 1854 Pa Baltic amber
 460. *Thyelia convexa* C. L. Koch & Berendt, 1854 Pa Baltic amber
 461. *Thyelia fossula* C. L. Koch & Berendt, 1854 Pa Baltic amber
 462. *Thyelia marginata* C. L. Koch & Berendt, 1854 Pa Baltic amber
 463. *Thyelia pallida* C. L. Koch & Berendt, 1854 Pa Baltic amber
 464. *Thyelia scotina* C. L. Koch & Berendt, 1854 Pa Baltic amber
 465. *Thyelia tristis* C. L. Koch & Berendt, 1854* Pa Baltic amber
 466. *Thyelia villosa* C. L. Koch & Berendt, 1854 Pa Baltic amber
- Ulesanis* L. Koch, 1872** **Palaeogene – Recent**
 467. *Ulesanis antecessor* Wunderlich, 2008*b* Pa Baltic Amber
 468. *Ulesanis frontprocera* Wunderlich, 2008*b* Pa Baltic Amber
 469. *Ulesanis longicymbium* Wunderlich, 2008*b* Pa Baltic Amber
 470. *Ulesanis ovalis* Wunderlich, 2008*b* Pa Baltic / Bitt. amber
 471. *Ulesanis parva* Wunderlich, 2008*b* Pa Baltic / Bitt. amber
- † ***Unispinatoda* Wunderlich, 2008*b*** **Palaeogene**
 472. *Unispinatoda aculeata* Wunderlich, 2008*b** Pa Baltic / Bitt. Amber
- † ***Vicipholcomma* Wunderlich, 2008*b*** **Palaeogene**
 473. *Vicipholcomma spiralis* Wunderlich, 2008*b** Pa Baltic Amber
- Theridiidae incertae sedis**
 474. '*Eomysmena*' *succini* (Petrunkevitch, 1942) Pa Baltic amber
 475. '*Anelosimus*' *clypeatus* Wunderlich, 1988 Ne Dominican amber
- THERIDIOSOMATIDAE Simon, 1881** **Cretaceous – Recent**
 Theridiosomatidae gen. et sp. indet *in* Wunderlich (2004*i*) Pa Baltic amber
- † ***Eocoddingtonia* Selden, 2010** **Cretaceous**
 476. *Eocoddingtonia eskovi* Selden, 2010* K Baissa, Transbaikalia
- † ***Eoepeirotypus* Wunderlich, 2004*j*** **Palaeogene**
 477. *Eoepeirotypus retrobulbus* Wunderlich, 2004*j** Pa Baltic amber
 Eoepeirotypus sp. *in* Wunderlich (2004) Pa Bitterfeld amber
- † ***Eotheridiosoma* Wunderlich, 2004*j*** **Palaeogene**
 478. *Eotheridiosoma tuber* Wunderlich, 2004*j** Pa Bitterfeld amber
 479. *Eotheridiosoma volutum* Wunderlich, 2004*j* Pa Bitterfeld amber
- † ***Palaeoepeirotypus* Wunderlich, 1988** **Neogene**

480.	<i>Palaeopeirotypus iuvenis</i> Wunderlich, 1988*	Ne Dominican amber
481.	<i>Palaeopeirotypus iuvenoides</i> Wunderlich, 1988	Ne Dominican amber
†	<i>Spinitheridiosoma</i> Wunderlich, 2004j	Palaeogene
	NB: type species designated from the wrong genus!	
482.	<i>Spinitheridiosoma balticum</i> Wunderlich, 2004j	Pa Baltic amber
483.	<i>Spinitheridiosoma bispinosum</i> Wunderlich, 2004j	Pa Bitterfeld amber
484.	<i>Spinitheridiosoma rima</i> Wunderlich, 2004j	Pa Baltic amber
	<i>Theridiosoma</i> O. P.-Cambridge, 1879b	Neogene – Recent
485.	<i>Theridiosoma incompletum</i> Wunderlich, 1988	Ne Dominican amber
†	<i>Umerosoma</i> Wunderlich, 2004j	Palaeogene
486.	<i>Umerosoma multispina</i> Wunderlich, 2004j*	Pa Baltic amber
	SYMPHYTOGNATHIDAE Hickman, 1931	Recent
	no fossil record	
	ANAPIDAE Simon, 1895	Palaeogene – Recent
†	<i>Balticonopsis</i> Wunderlich, 2004k	Palaeogene
487.	<i>Balticonopsis bispina</i> Wunderlich, 2004k	Pa Baltic amber
488.	<i>Balticonopsis bitterfeldensis</i> Wunderlich, 2004k	Pa Bitterfeld amber
489.	<i>Balticonopsis bulbosa</i> Wunderlich, 2004k	Pa Baltic amber
490.	<i>Balticonopsis ceranowiczae</i> Wunderlich, 2004k	Pa Baltic amber
491.	<i>Balticonopsis holti</i> Wunderlich, 2004k*	Pa Baltic amber
492.	<i>Balticonopsis perkovskiyi</i> Wunderlich, 2004ar	Pa Rovno amber
493.	<i>Balticonopsis thomasi</i> Wunderlich, 2004k	Pa Baltic amber
	<i>Balticonopsis</i> sp. in Wunderlich (2004k)	Pa Baltic amber
†	<i>Balticoroma</i> Wunderlich, 2004k	Palaeogene
	= † <i>Balticorma</i> [sic] Weitschat & Wichard, 2002 [<i>nomen nudum</i>]	
494.	<i>Balticoroma ernstorum</i> Wunderlich, 2004k	Pa Baltic/Bitt. amber
495.	<i>Balticoroma gracilipes</i> Wunderlich 2004k	Pa Baltic/Bitt. amber
496.	<i>Balticoroma reschi</i> Wunderlich, 2004k*	Pa Baltic amber
497.	<i>Balticoroma serafinorum</i> Wunderlich, 2004k	Pa Baltic/Bitt. amber
498.	<i>Balticoroma tibialis</i> Wunderlich, 2004k	Pa Baltic amber
†	<i>Dubianapis</i> Wunderlich, 2004k	Palaeogene
499.	<i>Dubianapis obscura</i> Wunderlich, 2004k*	Pa Baltic amber
†	<i>Flagellanapis</i> Wunderlich, 2004k	Palaeogene
500.	<i>Flagellanapis voighti</i> Wunderlich, 2004k*	Pa Baltic/Bitt. Amber
†	<i>Fossilanapis</i> Wunderlich, 2004k	Palaeogene
501.	<i>Fossilanapis anderseri</i> Wunderlich, 2004k	Pa Baltic amber
502.	<i>Fossilanapis baetcheri</i> Wunderlich, 2004k*	Pa Baltic amber
503.	<i>Fossilanapis eichmanni</i> Wunderlich, 2004k	Pa Baltic amber
504.	<i>Fossilanapis flexiotarsus</i> Wunderlich, 2004k	Pa Baltic amber
505.	<i>Fossilanapis saltans</i> Wunderlich, 2004k	Pa Baltic amber

506. <i>Fossilanapis unispinum</i> Wunderlich, 2004k	Pa Baltic amber
<i>Fossilanapis</i> sp. in Wunderlich (2004k)	Pa Bitterfeld amber
† Palaeoanapis Wunderlich, 1988	Neogene
507. <i>Palaeoanapis nana</i> Wunderlich, 1988*	Ne Dominican amber
† Ruganapis Wunderlich, 2004k	Palaeogene
508. <i>Ruganapis scutata</i> Wunderlich, 2004k*	Pa Baltic amber
† Saxonanapis Wunderlich, 2004k	Palaeogene
509. <i>Saxonanapis grabenhorsti</i> Wunderlich, 2004k*	Pa Baltic/Bitt. Amber
† Tuberanapis Wunderlich, 2004k	Palaeogene
510. <i>Tuberanapis parvibulbus</i> Wunderlich, 2004k*	Pa Baltic amber
MYSMENIDAE Petrunkevitch, 1928	Palaeogene – Recent
<i>Mysmeninae</i> sp. in Wunderlich (2004ar)	Pa Rovno amber
† Dominicanopsis Wunderlich, 2004k	Neogene
511. <i>Dominicanopsis grimaldii</i> Wunderlich, 2004k*	Ne Dominican amber
† Eomysmenopsis Wunderlich, 2004k	Palaeogene
512. <i>Eomysmenopsis spinipes</i> Wunderlich, 2004k*	Pa Baltic / Bitt. Amber
Mysmena Simon, 1894	Palaeogene – Recent
513. <i>Mysmena dominicana</i> Wunderlich, 1998	Qt Madagascan copal
514. <i>Mysmena fossilis</i> Petrunkevitch, 1971	Ne Chiapas amber
515. <i>Mysmena groehni</i> Wunderlich, 2004k	Pa Baltic / Bitt. amber
516. <i>Mysmena grotae</i> Wunderlich, 2004k	Pa Baltic amber
Mysmenopsis Simon, 1897b	Neogene – Recent
517. <i>Mysmenopsis lissycolleyae</i> Penney, 2000	Ne Dominican amber
† Palaeomysmena Wunderlich, 2004k	Palaeogene
518. <i>Palaeomysmena hoffeinsorum</i> Wunderlich, 2004k*	Pa Baltic amber
† BALTSUCCINIDAE Wunderlich, 2004I	Palaeogene
† Baltsuccinus Wunderlich, 2004I	Palaeogene
519. <i>Baltsuccinus flagellaceus</i> Wunderlich, 2004I*	Pa Baltic amber
520. <i>Baltsuccinus similis</i> Wunderlich, 2004I	Pa Baltic amber
† PROTHERIDIIDAE Wunderlich, 2004I	Cretaceous – Palaeo.
† Praetheridion Wunderlich, 2004I	Palaeogene
521. <i>Praetheridion fleissneri</i> Wunderlich, 2004I*	Pa Baltic amber
† Protheridion Wunderlich, 2004I	Palaeogene
522. <i>Protheridion bitterfeldensis</i> Wunderlich, 2004I	Pa Bitterfeld amber
523. <i>Protheridion detritus</i> Wunderlich, 2004I	Pa Baltic amber
524. <i>Protheridion obscurum</i> Wunderlich, 2004I	Pa Baltic amber
525. <i>Protheridion punctatum</i> Wunderlich, 2004I	Pa Baltic amber
526. <i>Protheridion tibialis</i> Wunderlich, 2004I*	Pa Baltic amber

† <i>Zarqaraneus</i> Wunderlich, 2008d	Cretaceous
527. <i>Zarqaraneus hudaе</i> Wunderlich, 2008d*	K Jordanian amber
SYNAPHRIDAE Wunderlich, 1986	Palaeogene – Recent
† <i>Iardinidis</i> Wunderlich 2004k	Palaeogene
528. <i>Iardinidis brevipes</i> Wunderlich, 2004k*	Pa Baltic amber
PIMOIDAE Wunderlich, 1986	Palaeogene – Recent
<i>Pimoidae</i> Chamberlin & Ivie, 1943	Palaeogene – Recent
529. <i>Pimoida expandens</i> Wunderlich, 2004r	Pa Baltic amber
530. <i>Pimoida (Eopimoida) hormigai</i> Wunderlich, 2004r	Pa Baltic amber
531. <i>Pimoida inopinata</i> Wunderlich, 2004r	Pa Baltic amber
532. <i>Pimoida liedtkei</i> Wunderlich, 2004r	Pa Baltic amber
533. <i>Pimoida lingua</i> Wunderlich, 2004r	Pa Baltic amber
534. <i>Pimoida (Eopimoida) longiscapus</i> Wunderlich, 2008a	Pa Baltic amber
535. <i>Pimoida multicusculi</i> Wunderlich, 2004r	Pa Baltic amber
536. <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
PUMILIOPIMOIDAE Wunderlich, 2008a	Palaeogene – Recent
† <i>Pumiliopimoida</i> Wunderlich, 2008a	Palaeogene
537. <i>Pumiliopimoida parma</i> Wunderlich, 2008a*	Pa Baltic amber
SINOPIMOIDAE Li & Wunderlich, 2008	Recent
no fossil record	
LINYPHIIDAE Blackwall, 1859	Cretaceous – Recent
= MICRYPHANTIDAE Bertkau, 1878a	
= ERIGONIDAE Simon, 1884c	
Linyphiidae gen. et sp. indet in Penney (2002)	K New Jersey amber
Linyphiidae gen. et sp. indet in Schmidt <i>et al.</i> (2010)	K Ethiopian amber
Linyphiinae gen. et sp. indet in Penney & Selden (2002)	K Lebanese amber
† <i>Agynetiophantes</i> Wunderlich, 2004s	Palaeogene
538. <i>Agynetiophantes gibbiferus</i> Wunderlich, 2004s*	Pa Baltic amber
<i>Ceratinopsis</i> Emerton, 1882	Quaternary – Recent
539. <i>Ceratinopsis deformans</i> (Wunderlich, 1998)	Qt Madagascan copal
<i>Cnephalocotes</i> Simon, 1884c	Quaternary – Recent
540. <i>Cnephalocotes obscurus</i> (Blackwall, 1834b) [Recent]	Qt England
† <i>Custodela</i> Petrunkevitch, 1942	Palaeogene
= + <i>Obnisisus</i> Petrunkevitch, 1942 [tentative synonymy]	
541. <i>Custodela acuta</i> Wunderlich, 2004s	Pa Baltic amber

542.	<i>Custodela acutula</i> Wunderlich, 2004s	Pa Bitterfeld amber
543.	<i>Custodela bispina</i> Wunderlich, 2004s	Pa Bitterfeld amber
544.	<i>Custodela bispinosa</i> Wunderlich, 2004s	Pa Bitterfeld amber
545.	<i>Custodela cheiracantha</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
546.	<i>Custodela clava</i> Wunderlich, 2004s	Pa Baltic amber
547.	<i>Custodela curva</i> Wunderlich, 2004s	Pa Baltic amber
548.	<i>Custodela curvata</i> Wunderlich, 2004s	Pa Bitterfeld amber
549.	<i>Custodela divergens</i> Wunderlich, 2004s	Pa Baltic amber
550.	<i>Custodela expandens</i> Wunderlich, 2004s	Pa Baltic amber
551.	<i>Custodela falcata</i> Wunderlich, 2004s	Pa Baltic amber
552.	<i>Custodela femurspinosa</i> Wunderlich, 2004s	Pa Bitterfeld amber
553.	<i>Custodela henningseni</i> Wunderlich, 2004s	Pa Baltic amber
554.	<i>Custodela kochi</i> Wunderlich, 2004s	Pa Baltic amber
555.	<i>Custodela lamellata</i> (Wunderlich, 1988)	Pa Baltic amber
556.	<i>Custodela lanx</i> Wunderlich, 2004s	Pa Baltic amber
557.	<i>Custodela oblonga</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
558.	<i>Custodela obtusa</i> Wunderlich, 2004s	Pa Baltic amber
559.	? <i>Custodela parva</i> Wunderlich, 2004s	Pa Bitterfeld amber
560.	<i>Custodela pseudokochi</i> Wunderlich, 2004s	Pa Baltic amber
561.	<i>Custodela stridulans</i> Wunderlich, 2004s	Pa Bitterfeld amber
562.	<i>Custodela tenuipes</i> (Petrunkevitch, 1942)	Pa Baltic amber
563.	<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
	564. <i>Custodelela hamata</i> Wunderlich, 2004s*	Pa Bitterfeld amber
†	<i>Eolabulla</i> Wunderlich, 2004s	Palaeogene
	565. <i>Eolabulla falcata</i> Wunderlich, 2004s	Pa Baltic amber
	566. <i>Eolabulla gladiformis</i> Wunderlich, 2004s	Pa Baltic amber
	567. <i>Eolabulla laminata</i> Wunderlich, 2004s*	Pa Baltic amber
	568. <i>Eolabulla perforata</i> Wunderlich, 2004s	Pa Baltic amber
	569. <i>Eolabulla sagitta</i> Wunderlich, 2004s	Pa Baltic amber
	570. <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
	571. <i>Eophantes complicatus</i> Wunderlich, 2004s*	Pa Baltic amber
	<i>Erigone</i> Audouin, 1826	Neogene – Recent
	<i>Erigone</i> sp. in Hopkins <i>et al.</i> (1976)	Qt Alaska
	572. <i>Erigone atra</i> Blackwall, 1833 [Recent]	Qt England
	573. ? <i>Erigone dechenii</i> Bertkau, 1878b	Ne Rott, Germany
	<i>Floricomus</i> Crosby & Bishop, 1925	Neogene – Recent
	574. <i>Floricomus fossilis</i> Penney, 2005c	Ne Dominican amber

Gonatium Menge, 1868	Quaternary – Recent
575. <i>Gonatium rubens</i> (Blackwall, 1833) [Recent]	Qt England
Hypselistes Simon, 1894	Quaternary – Recent
576. <i>Hypselistes jacksoni</i> (O. P.-Cambridge, 1902) [Recent]	Qt England
Linyphia Latreille, 1804a	Palaeogene – Recent
577. <i>Linyphia andraei</i> Bertkau, 1878b	Ne Rott, Germany
578. <i>Linyphia byrami</i> Cockerell, 1925	Pa Green River
579. <i>Linyphia florissantii</i> Petrunkevitch, 1922	Pa Florissant
580. <i>Linyphia pachygnathoides</i> Petrunkevitch, 1922	Pa Florissant
581. <i>Linyphia quievreuxi</i> Berland, 1939	Pa Aix-en-Provence
582. <i>Linyphia retensa</i> Scudder, 1890a	Pa Florissant
583. <i>Linyphia rottensis</i> Bertkau, 1878b	Ne Rott, Germany
584. <i>Linyphia seclusa</i> (Scudder, 1890a)	Pa Florissant
† Malepellis Petrunkevitch, 1971	Neogene
585. <i>Malepellis extincta</i> Petrunkevitch, 1971*	Ne Chiapas amber
Meioneta Hull, 1920	Neogene – Recent
586. <i>Meioneta bigibber</i> (Wunderlich, 1988)	Ne Dominican amber
587. <i>Meioneta fastigata</i> (Wunderlich, 1988)	Ne Dominican amber
588. <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
589. <i>Micryphantes molybdinus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
590. <i>Micryphantes regularis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Mystagogus Petrunkevitch, 1942 ...[Wunderlich suggests possibly in Cyatholipidae]	Palaeogene
591. <i>Mystagogus dubius</i> Petrunkevitch, 1958	Pa Baltic amber
592. <i>Mystagogus glaber</i> Petrunkevitch, 1942*	Pa Baltic amber
† Paralabulla Wunderlich, 2004s	Palaeogene
593. <i>Paralabulla bitterfeldensis</i> Wunderlich, 2004s*	Pa Bitterfeld amber
594. ? <i>Paralabulla dubia</i> Wunderlich, 2004s	Pa Baltic amber
595. <i>Paralabulla succinifera</i> Wunderlich, 2004s	Pa Baltic amber
<i>Paralabulla</i> sp. in Wunderlich (2004s)	Pa Bitterfeld amber
Pocadicnemis Simon, 1884c	Quaternary – Recent
596. <i>Pocadicnemis pumila</i> (Blackwall, 1841) [Recent]	Qt England
Savignia Blackwall, 1833	Quaternary – Recent
597. <i>Savignia frontata</i> Blackwall, 1833 [Recent]	Qt England
Selenyphantes Gertsch & Davis, 1946	Neogene – Recent
= † <i>Palaeolinyphia</i> Wunderlich, 1986	
598. <i>Selenyphantes flagellifera</i> (Wunderlich, 1986)	Ne Dominican amber
† Succineta Wunderlich, 2004s	Palaeogene
599. <i>Succineta brevispina</i> Wunderlich, 2004s	Pa Baltic amber
600. <i>Succineta discoidalis</i> Wunderlich, 2004s*	Pa Baltic amber

<i>Succineta</i> sp. in Wunderlich (2004s)	Pa Baltic amber
† Succiphantes Wunderlich, 2004s	Palaeogene
601. <i>Succiphantes tanasevitchi</i> Wunderlich, 2004s	Pa Baltic amber
602. <i>Succiphantes velteni</i> Wunderlich, 2004s*	Pa Baltic amber
Toschia Caporiacco, 1949	Quaternary – Recent
603. ? <i>Toschia fossilis</i> Wunderlich, 2004as	Qt Madagascan copal
TETRAGNATHIDAE Menge, 1866	Cretaceous – Recent
= PACHYGNATHIDAE Menge, 1866	
= METIDAE Simon, 1894	
= NANOMETIDAE Forster & Forster, 1999	
† Anameta Wunderlich, 2004h	Palaeogene
604. <i>Anameta distenda</i> Wunderlich, 2004h*	Pa Bitterfeld amber
605. <i>Anameta kuntneri</i> Wunderlich, 2008a	Pa Baltic amber
Azilia Keyserling, 1882	Neogene – Recent
606. <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
† Battleucauge Wunderlich, 2008a	Palaeogene
607. <i>Battleucauge gillespieae</i> Wunderlich 2008a*	Pa Baltic amber
† Corneometa Wunderlich, 2004h	Palaeogene
608. <i>Corneometa baltica</i> Wunderlich 2004h*	Pa Baltic amber
609. <i>Corneometa pilosipes</i> Wunderlich 2004h	Pa Baltic amber
Cyrtognatha Keyserling, 1882	Neogene – Recent
610. <i>Cyrtognatha weitschati</i> Wunderlich, 1988	Ne Dominican amber
† Eometa Petrunkevitch, 1958	Palaeogene
611. <i>Eometa calefacta</i> Wunderlich, 2004h	Pa Baltic amber
612. <i>Eometa longipes</i> Petrunkevitch, 1958	Pa Baltic amber
613. <i>Eometa occulta</i> Wunderlich, 2004h	Pa Baltic amber
614. <i>Eometa perfecta</i> Wunderlich, 2004h	Pa Baltic amber
615. <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
616. <i>Homalometa fossilis</i> Wunderlich, 1988	Ne Dominican amber
† Huergina Selden & Penney, 2003	Cretaceous
617. <i>Huergina diazromerali</i> Selden & Penney, 2003*	K Las Hoyas, Spain
† Macryphantes Selden, 1990	Cretaceous
618. <i>Macryphantes cowdeni</i> Selden, 1990*	K Sierra de Montsech
Meta C. L. Koch, 1836	Palaeogene – Recent
619. <i>Meta (Praetermeta) maculosa</i> Wunderlich, 2008a	Pa Baltic amber
620. <i>Meta (Praetermeta) velans</i> (Wunderlich, 2004h)	Pa Baltic amber
† Palaeometa Petrunkevitch, 1922	Palaeogene

621. <i>Palaeometa opertanea</i> (Scudder, 1890a)*	Pa Florissant
† Palaeopachygnatha Petrunkevitch, 1922	Palaeogene
622. <i>Palaeopachygnatha cockerelli</i> Petrunkevitch, 1922	Pa Florissant
623. <i>Palaeopachygnatha scudderi</i> Petrunkevitch, 1922*	Pa Florissant
† Priscometa Petrunkevitch, 1958	Palaeogene
624. <i>Priscometa capta</i> Wunderlich, 2004h	Pa Baltic amber
625. <i>Priscometa minor</i> Wunderlich, 2004h	Pa Baltic amber
626. <i>Priscometa tenuipes</i> Petrunkevitch, 1958*	Pa Baltic amber
Tetragnatha Latreille, 1804a	Palaeogene – Recent
627. <i>Tetragnatha parva</i> (Hong, 1985)	Ne Shanwang
628. <i>Tetragnatha pristina</i> Schawaller, 1982c	Ne Dominican amber
629. <i>Tetragnatha tertiaria</i> Scudder, 1885	Pa Florissant
NEPHILIDAE Simon, 1894	Cretaceous – Recent
† Cretaraneus Selden, 1990	Cretaceous
630. <i>Cretaraneus liaoningensis</i> Cheng, Meng & Wang <i>in</i> Cheng <i>et al.</i> , 2008	K Jehol biota
631. <i>Cretaraneus martensnetoi</i> Mesquita, 1996	K Crato Formation
632. <i>Cretaraneus vilaltae</i> Selden, 1990*	K Sierra de Montsech
† Eonephila Wunderlich, 2004i	Palaeogene
633. <i>Eonephila bitterfeldensis</i> Wunderlich, 2004i	Pa Bitterfeld amber
634. <i>Eonephila excellens</i> Wunderlich, 2004i*	Pa Baltic amber
635. <i>Eonephila longembolus</i> Wunderlich, 2004i	Pa Baltic amber
† Luxurionephila Wunderlich, 2004i	Palaeogene
636. <i>Luxurionephila spinifera</i> Wunderlich, 2004i	Pa Baltic amber
Nephila Leach, 1815	Palaeogene – Recent
637. <i>Nephila breviembolus</i> Wunderlich, 1986	Ne Dominican amber
638. <i>Nephila dommeli</i> Wunderlich, 1982	Ne Dominican amber
639. <i>Nephila furca</i> Wunderlich, 1986	Ne Dominican amber
640. <i>Nephila longembolus</i> Wunderlich, 1986	Ne Dominican amber
641. <i>Nephila pennatipes</i> Scudder, 1885	Pa Florissant
642. <i>Nephila tenuis</i> Wunderlich, 1986	Ne Dominican amber
† Palaeonephila Wunderlich, 2004i	Palaeogene
643. <i>Palaeonephila brevis</i> Wunderlich, 2004i	Pa Baltic amber
644. <i>Palaeonephila curvata</i> Wunderlich, 2004i*	Pa Baltic amber
645. <i>Palaeonephila dilitans</i> Wunderlich, 2004i	Pa Baltic amber
646. <i>Palaeonephila fibula</i> Wunderlich, 2004i	Pa Baltic amber
647. <i>Palaeonephila longipes</i> Wunderlich, 2004i	Pa Baltic amber
† JURARANEIDAE Eskov, 1984	Jurassic
† Juraraneus Eskov, 1984	Jurassic

648. <i>Juraneus rasnitsyni</i> Eskov, 1984	J Transbaikalia
ARANEIDAE Simon, 1895	Cretaceous – Recent
= EPEIRIDAE Sundevall, 1833 [based on a generic synonym]	
= EUETRIIDAE Thorell, 1887 [based on a generic synonym]	
= ARGIOPIDAE Simon, 1890	
= ZYGIELLIDAE Simon, 1929	
?Araneinae sp. <i>in</i> Wunderlich (2004h)	Pa Baltic amber
Araneidae gen. et sp. indet. <i>in</i> Ribera (2003)	Qt Girona, Spain
† <i>Anepeira</i> Wunderlich, 2004i	Palaeogene
649. <i>Anepeira complicata</i> Wunderlich, 2004i*	Pa Baltic amber
† <i>Araneometa</i> Wunderlich, 1988	Neogene
650. <i>Araneometa excelsa</i> Wunderlich, 1988	Ne Dominican amber
651. <i>Araneometa herrlingi</i> Wunderlich, 1988*	Ne Dominican amber
652. <i>Araneometa spirembolus</i> Wunderlich, 1988	Ne Dominican amber
<i>Araneometa</i> sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
<i>Araneus</i> Clerck, 1757	?Cretaceous – Recent
653. <i>Araneus absconditus</i> (Scudder, 1890a)	Pa Florissant
654. <i>Araneus aethus</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
655. <i>Araneus beipiaoensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
656. <i>Araneus carbonaceous</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
657. <i>Araneus cinefactus</i> (Scudder, 1890a)	Pa Florissant
658. <i>Araneus columbiae</i> Scudder, 1878	Pa Quesnel, Canada
659. <i>Araneus defunctus</i> Petrunkevitch, 1958	Pa Baltic amber
660. <i>Araneus delitus</i> (Scudder, 1890a)	Pa Florissant
661. <i>Araneus emertoni</i> (Scudder, 1890a)	Pa Florissant
662. <i>Araneus exustus</i> Petrunkevitch, 1963	Ne Chiapas amber
663. <i>Araneus kinchloae</i> Dunlop & Jekel, 2009	Pa Florissant
i. = <i>Araneus indistinctus</i> (Petrunkevitch, 1922) [preoccupied]	
664. <i>Araneus inelegans</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
665. <i>Araneus leptopodus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
666. <i>Araneus liaoxiensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
667. <i>Araneus longimanus</i> (Petrunkevitch, 1922)	Pa Florissant
668. <i>Araneus (Calinurus) longipes</i> Dalman, 1826	Qt Copal
669. <i>Araneus luianus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
670. <i>Araneus meeki</i> (Scudder, 1890a)	Pa Florissant
671. <i>Araneus molassicus</i> (Heer, 1865)	Ne Öhningen
672. <i>Araneus nanus</i> Wunderlich, 1988	Ne Dominican amber
673. <i>Araneus piceus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
674. <i>Araneus reheensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
675. <i>Araneus ruidipedalis</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
676. <i>Araneus troschelii</i> (Bertkau, 1878b)	Ne Rott, Germany

677. <i>Araneus vulcanalis</i> (Scudder, 1890a)	Pa Florissant
Argiope Audouin, 1826	Neogene – Recent
= † <i>Magnaranea</i> Hong, 1985	
678. <i>Argiope furva</i> (Hong, 1985)	Ne Shanwang
† Bararaneus Wunderlich, 2004i	Palaeogene
679. ? <i>Bararaneus annulatus</i> Wunderlich, 2004i	Pa Baltic amber
680. <i>Bararaneus evolvens</i> Wunderlich, 2004i*	Pa Baltic amber
† Chrysometata Wunderlich, 2004h	Palaeogene
681. <i>Chrysometata palaeartica</i> Wunderlich, 2004h*	Pa Baltic amber
† Cyclososoma Petrunkevitch, 1958	Palaeogene
682. <i>Cyclososoma succini</i> Petrunkevitch, 1958*	Pa Baltic amber
Enacrosoma Mello-Leitão, 1932	Neogene – Recent
683. <i>Enacrosoma verrucosa</i> (Wunderlich, 1988)	Ne Dominican amber
† Eoaraneus Wunderlich, 2004i	Palaeogene
684. <i>Eoaraneus complexus</i> Wunderlich, 2004i*	Pa Baltic amber
† Eochorizopes Wunderlich, 2008a	Palaeogene
685. <i>Eochorizopes szeklinskiae</i> Wunderlich, 2008a*	Pa Baltic amber
† Eozygiella Wunderlich, 2004h	Palaeogene
686. <i>Eozygiella compacta</i> Wunderlich, 2004h*	Pa Baltic amber
† Fossilaraneus Wunderlich, 1988	Neogene
687. <i>Fossilaraneus incertus</i> Wunderlich, 1988*	Ne Dominican amber
Gea C. L. Koch, 1843a	Palaeogene – Recent
688. <i>Gea krantzi</i> von Heyden, 1859	Ne Rott, Germany
† Graea Thorell, 1869	Palaeogene
= † <i>Eustaloides</i> Petrunkevitch, 1942	
689. ? <i>Graea aberrans</i> Wunderlich, 2004h	Pa Baltic amber
690. <i>Graea bitterfeldensis</i> Wunderlich, 2004h	Pa Bitterfeld amber
691. <i>Graea breviembolus</i> Wunderlich, 2004h	Pa Baltic amber
692. <i>Graea brevis</i> Wunderlich, 2004h	Pa Baltic amber
693. <i>Graea calceatus</i> (Petrunkevitch, 1950)	Pa Baltic amber
694. <i>Graea epeiroides</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
695. <i>Graea impudica</i> Wunderlich, 2004h	Pa Baltic amber
696. <i>Graea lingula</i> Wunderlich, 2004h	Pa Baltic amber
697. <i>Graea minor</i> (Petrunkevitch, 1950)	Pa Baltic amber
698. <i>Graea setosus</i> Petrunkevitch, 1942	Pa Baltic amber
699. <i>Graea succini</i> Petrunkevitch, 1942	Pa Baltic amber
† Meditrina Petrunkevitch, 1942	Palaeogene
700. <i>Meditrina circumvallata</i> Petrunkevitch, 1942*	Pa Baltic amber
† Mesozygiella Penney & Ortuño, 2006	Cretaceous
701. <i>Mesozygiella dunlopi</i> Penney & Ortuño, 2006*	K Álava amber
† Miraraneus Wunderlich, 2004i	Palaeogene

702. <i>Miraraneus peregrinus</i> Wunderlich, 2004 [*]	Pa Baltic amber
† Mirometa Petrunkevitch, 1963	Neogene
703. <i>Mirometa valdespinosa</i> Petrunkevitch, 1963	Ne Chiapas amber
Molinaranea Mello-Leitão, 1940	Neogene – Recent
704. <i>Molinaranea mitnickii</i> Saupe, Selden & Penney, 2010	Ne Dominican amber
† Pycnosinga Wunderlich, 1988	Neogene
705. <i>Pycnosinga fossilis</i> Wunderlich, 1988 [*]	Ne Dominican amber
† Testudinaroides Dunlop & Jekel, 2008	Neogene
= † <i>Testudinaria</i> Zhang, Sun & Zhang, 1994 [preoccupied]	
706. <i>Testudinaroides papposa</i> (Zhang, Sun & Zhang, 1994)	Ne Shanwang
† Tethneus Scudder, 1885	Palaeogene
= † <i>Melanites</i> Hong, 1985	
707. <i>Tethneus guyoti</i> Scudder, 1890a	Pa Florissant
708. <i>Tethneus hentzi</i> Scudder, 1885 [*]	Pa Florissant
709. <i>Tethneus obduratus</i> Scudder, 1890a	Pa Florissant
710. <i>Tethneus orbiculatus</i> (Hong, 1985)	Ne Shanwang
711. <i>Tethneus provectus</i> Scudder, 1890a	Pa Florissant
712. <i>Tethneus robustus</i> Petrunkevitch, 1922	Pa Florissant
713. <i>Tethneus twenhofeli</i> Petrunkevitch, 1922	Pa Florissant
Zilla C. L. Koch, 1834	Palaeogene – Recent
714. <i>Zilla gracilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
715. <i>Zilla porrecta</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
716. <i>Zilla veterana</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
RETROLATERAL TIBIAL APOPHYSIS CLADE	Cretaceous – Recent
?RTA-clade <i>in</i> Wunderlich (2008 ^d)	K Myanmar amber
LYCOSOIDEA Sundevall, 1833	Cretaceous – Recent
† Eohalinobius Wunderlich, 2008c	Palaeogene
717. <i>Eohalinobius scutatus</i> Wunderlich, 2008c	Pa Baltic amber
LYCOSIDAE Sundevall, 1833	Palaeogene – Recent
Lycosidae gen. et sp. <i>in</i> Bottali (1975)	Qt Italy
Lycosidae gen. et sp. <i>in</i> Schawaller (1982 ^d)	Ne Willershausen
Lycosidae gen. et sp. <i>in</i> Penney (2001)	Ne Dominican amber
Alopecosa Simon, 1885b	Quaternary – Recent
718. <i>Alopecosa ?pulverulenta</i> (Clerck, 1757) [Recent]	Qt England
† Dryadia Zhang, Sun & Zhang, 1994	Palaeogene
719. <i>Dryadia acanthopoda</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
Lycosa Latreille, 1804a	Palaeogene – Recent
720. <i>Lycosa florissanti</i> Petrunkevitch, 1922	Pa Florissant
721. <i>Lycosa lithographica</i> Schawaller & Ono, 1979	Ne Randecker Maar
722. <i>Lycosa malleata</i> Zhang, Sun & Zhang, 1994	Ne Shanwang

723. <i>Lycosa miocaena</i> Schawaller & Ono, 1979	Ne	Randecker Maar
724. <i>Lycosa subterranea</i> Zhang, Sun & Zhang, 1994	Ne	Shanwang
<i>Pardosa</i> C. L. Koch, 1847	Quaternary – Recent	
725. <i>Pardosa pullata</i> (Clerck, 1757) [Recent]	Qt	England
<i>Pardosa</i> sp. in Scott (2003)	Qt	England
<i>Pirata</i> Sundevall, 1833	Quaternary – Recent	
726. <i>Pirata ?piraticus</i> (Clerck, 1757) [Recent]	Qt	England
<i>Trochosa</i> C. L. Koch, 1847	Quaternary – Recent	
727. <i>Trochosa terricola</i> Thorell, 1856 [Recent]	Qt	England
† PARATTIDAE Petrunkevitch, 1922	Palaeogene	
† <i>Parattus</i> Petrunkevitch, 1922	Palaeogene	
728. <i>Parattus evocatus</i> (Scudder, 1890a)	Pa	Florissant
729. <i>Parattus latitatus</i> (Scudder, 1890a)	Pa	Florissant
730. <i>Parattus oculatus</i> Petrunkevitch, 1922	Pa	Florissant
731. <i>Parattus resurrectus</i> (Scudder, 1890a)*	Pa	Florissant
TRECHALEIDAE Simon, 1890	Palaeogene – Recent	
= TRICLARIDAE O. P.-Cambridge, 1877 [<i>nomen oblitum</i>]		
= PERISSOBLEMMATIDAE O. P.-Cambridge, 1882b [based on a synonym]		
<i>Trechaleidae</i> sp. in Wunderlich (2004aa)	Pa	Baltic amber
† <i>Eotrechalea</i> Wunderlich, 2004aa	Palaeogene	
732. <i>Eotrechalea annulata</i> Wunderlich, 2004aa*	Pa	Baltic amber
† <i>Esuritor</i> Petrunkevitch, 1942	Palaeogene	
733. <i>Esuritor aculeatus</i> Petrunkevitch, 1958	Pa	Baltic amber
734. <i>Esuritor spinipes</i> Petrunkevitch, 1942*	Pa	Baltic amber
† <i>Linoptes</i> Menge, 1854	Palaeogene	
735. ?' <i>Linoptes</i> ' <i>oculeus</i> Menge in C. L. Koch & Berendt, 1854*	Pa	Baltic amber
NB: <i>Linoptes</i> mentioned as a <i>nomen nudum</i> by Wunderlich (2004z); this species listed by Wunderlich (2004aa) under Trechaleidae and another species under Pisauridae (see below)		
PISAURIDAE Simon, 1890	?Cretaceous – Recent	
= BRADYSTICHIDAE Simon, 1884		
= DOLOMEDIDAE Simon, 1898a		
= HALIDAE Jocqué, 1994		
<i>Pisauridae</i> sp. in Wunderlich (1988)	Pa	Dominican amber
<i>Pisauridae</i> sp. in Wunderlich (2004z)	Pa	Baltic amber
<i>Dolomedes</i> Latreille, 1804a	Quaternary – Recent	
736. <i>Dolomedes fimbriatus</i> (Clerck, 1757) [Recent]	Qt	England
† '<i>Linoptes</i>' Menge, 1854	Palaeogene	
= † <i>Eopisaurella</i> Petrunkevitch, 1958		
NB: See notes on <i>Linoptes</i> under Trechaleidae above!		

737. ?*Linoptes* *valdespinosa* (Petrunkevitch, 1958)* Pa Baltic amber
 ?*Linoptes* sp. 1–8 in Wunderlich (2004z) Pa Baltic amber
- † **Palaeoperenethis Selden & Penney, 2009** **Palaeogene**
738. *Palaeoperenethis thaleri* Selden & Penney, 2009* Pa British Columbia
- Pisaura Simon 1885c** **?Cretaceous – Recent**
- Pisaura* sp. in Kim & Nam (2008) [generic assignment unreliable!] K Goo-ho Li, Korea
- OXYOPIDAE Thorell, 1870a** **Palaeogene – Recent**
 = SPHASIDAE O. P.-Cambridge, 1871
 = HAMATALIVIDAE Marx, 1890b
- Oxyopidae* sp. in Wunderlich 2004ab Pa Bitterfeld amber
- Oxyopes Latreille, 1804a** **Palaeogene – Recent**
739. *Oxyopes defectus* Wunderlich, 1988 Ne Dominican amber
740. '*Oxyopes* *succini* Petrunkevitch, 1958 Pa Baltic amber
Oxyopes sp. in Wunderlich (1988, 2004ab) Ne Dominican amber
- † **Planoxyopes Petrunkevitch, 1963** **Neogene**
741. *Planoxyopes eximius* Petrunkevitch, 1963* Ne Chiapas amber
 i. = *Planoxyopes fossilis* Wunderlich, 1988 [*lapsus*] Ne Chiapas amber
- SENOCULIDAE Simon, 1890** **Recent**
 = NEOTHEREUTOIDAE Holmberg, 1883 [based on a generic synonym]
 no fossil record
- STIPHIDIIDAE Dalmas, 1917** **Recent**
 no fossil record
- ZOROCRATIDAE Dahl, 1913** **Recent**
 no fossil record
- PSECHRIDAE Simon, 1890** **Recent**
 no fossil record
- ZOROPSIDAE Bertkau, 1882** **Palaeogene – Recent**
Zoropsidae sp. in Wunderlich (2004x) Pa Baltic / Bitt. amber
- † **Eomatachia Petrunkevitch, 1942** **Palaeogene**
742. *Eomatachia barbarus* Wunderlich, 2004x Pa Baltic amber
743. *Eomatachia bipartita* Wunderlich, 2004x Pa Baltic amber
744. *Eomatachia divergens* Wunderlich, 2004x Pa Baltic amber
745. *Eomatachia duplex* Wunderlich, 2004x Pa Baltic amber
746. *Eomatachia latifrons* Petrunkevitch, 1942* Pa Baltic amber
747. *Eomatachia recedens* Wunderlich, 2004x Pa Baltic amber
748. *Eomatachia succini* (Petrunkevitch, 1942) Pa Baltic amber
749. *Eomatachia wegneri* Wunderlich, 2004x Pa Baltic amber

750. <i>Eomatachia xanthippe</i> Wunderlich, 2004x	Pa Baltic amber
† <i>Eoprychia</i> Petrunkevitch, 1958	Palaeogene
751. <i>Eoprychia succini</i> Petrunkevitch, 1958*	Pa Baltic amber
752. <i>Eoprychia succinopsis</i> Wunderlich, 2004x	Pa Baltic amber
753. <i>Eoprychia vicina</i> Wunderlich, 2004x	Pa Baltic amber
<i>Eoprychia</i> sp. in Wunderlich (2004x)	?Pa not specified
† <i>Succiniropsis</i> Wunderlich, 2004x	Palaeogene
754. <i>Succiniropsis kutscheri</i> Wunderlich, 2004x*	Pa Baltic / Bitt. amber
755. <i>Succiniropsis samlandica</i> Wunderlich, 2004x	Pa Baltic amber
† INSECUTORIDAE Petrunkevitch, 1942	Palaeogene
† <i>Insecutor</i> Petrunkevitch, 1942	Palaeogene
756. <i>Insecutor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
757. <i>Insecutor mandibulatus</i> Petrunkevitch, 1942	Pa Baltic amber
758. ? <i>Insecutor pecten</i> Wunderlich, 2004y	Pa Baltic amber
759. <i>Insecutor rufus</i> Petrunkevitch, 1942	Pa Baltic amber
760. ? <i>Insecutor spinifer</i> Wunderlich, 2004y	Pa Baltic amber
<i>Insecutor</i> sp. in Wunderlich (2004y)	Pa Baltic amber
ZORIDAE F. O. P.-Cambridge, 1893	Palaeogene – Recent
† <i>Succinomus</i> Wunderlich, 2008c	Palaeogene
761. <i>Succinomus duomammillae</i> Wunderlich, 2008c	Pa Baltic amber
† <i>Zorapostenus</i> Wunderlich, 2008c	Palaeogene
762. <i>Zorapostenus raveni</i> Wunderlich, 2008c	Pa Baltic amber
CTENIDAE Keyserling, 1877	Neogene – Recent
= ACANTHOCTENIDAE Simon, 1892b	
† <i>Nanoctenus</i> Wunderlich, 1988	Neogene
763. <i>Nanoctenus longipes</i> Wunderlich, 1988*	Ne Dominican amber
AGELENIDAE C. L. Koch, 1837	Palaeogene – Recent
= TEGENARIDAE Prach, 1860	
= † INCEPTORIDAE Petrunkevitch, 1942	
<i>Agelena</i> Walckenaer, 1805	Palaeogene – Recent
764. <i>Agelena tabida</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
<i>Histopona</i> Thorell, 1869	Palaeogene – Recent
765. ? <i>Histopona anthracina</i> Bertkau, 1878b	Ne Rott, Germany
† <i>Inceptor</i> Petrunkevitch, 1942	Palaeogene
766. <i>Inceptor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
767. <i>Inceptor dubius</i> Petrunkevitch, 1946	Pa Baltic amber
<i>Tegenaria</i> Latreille, 1804a	Palaeogene – Recent
768. ? <i>Tegenaria fragmentum</i> Wunderlich, 2004w	Pa Baltic amber

769. *Tegenaria lacazei* Gourret, 1887 Pa Aix-en-Provence
 770. ?*Tegenaria obtusa* Wunderlich, 2004w Pa Baltic amber
 771. *Tegenaria virilis* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- DICTYNOIDEA O. P.-Cambridge, 1871** **Palaeogene – Recent**
Dictynoidea incertae sedis
- † ***Sinodictyna* Hong, 1982** **Palaeogene**
 772. *Sinodictyna fushunensis* Hong, 1982* Pa Fu Shun amber
- CYBAEIDAE Simon, 1898a** **Palaeogene – Recent**
 = ARGYRONETIDAE Thorell, 1870a [both family names protected by usage]
- Argyroneta* Latreille, 1804a** **?Neogene – Recent**
 773. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** Qt England
 774. ?*Argyroneta longipes* Heer, 1865 Ne Öhningen
- † ***Vectaraneus* Selden, 2001** **Palaeogene**
 775. *Vectaraneus yulei* Selden, 2001* Pa Bembridge Marls
- DESIDAE Pocock, 1895** **Palaeogene – Recent**
***Myro* O. P.-Cambridge, 1876** **Palaeogene – Recent**
 776. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]..... Pa Baltic amber
 777. *Myro hirsutus* Petrunkevitch, 1942 Pa Baltic amber
- AMPHINECTIDAE Forster & Wilton, 1973** **Recent**
 = NEOLANIDAE Forster & Wilton, 1973
 no fossil record
- CYCLOCTENIDAE Simon, 1898a** **Recent**
 no fossil record
- HAHNIIDAE Bertkau, 1878a** **Palaeogene – Recent**
 † ***Cymbiohahnia* Wunderlich, 2004v** **Palaeogene**
 778. *Cymbiohahnia parens* Wunderlich, 2004v Pa Baltic / Bitt. amber
- † ***Eohahnia* Petrunkevitch, 1958** **Palaeogene**
 779. *Eohahnia succini* Petrunkevitch, 1958* Pa Baltic amber
- † ***Protohahnia* Wunderlich, 2004v** **Palaeogene**
 780. *Protohahnia antiqua* Wunderlich, 2004v* Pa Baltic amber
 781. *Protohahnia tripartita* Wunderlich, 2004v Pa Baltic amber
- genus uncertain**
 782. ‘*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 <i>in</i> Penney (2002)	K New Jersey amber
Dictynidae sp. 1–2 <i>in</i> Wunderlich (2004v)	Pa Baltic amber
Dictynidae sp. 1–5 <i>in</i> Wunderlich (2008d)	K Myanmar amber
Argenna Thorell, 1870a	Neogene – Recent
783. <i>Argenna fossilis</i> Petrunkevitch <i>in</i> Palmer, 1957	Ne Mojave Desert
† Arthrodictyna Petrunkevitch, 1942	Palaeogene
784. <i>Arthrodictyna segmentata</i> Petrunkevitch, 1942*	Pa Baltic amber
† Balticocryphoeca Wunderlich, 2004v	Palaeogene
785. <i>Balticocryphoeca curvitorsis</i> Wunderlich, 2004v*	Pa Baltic / Bitt. amber
† Brommellina Wunderlich, 2004v	Palaeogene
786. <i>Brommellina longungulae</i> Wunderlich, 2004v*	Pa Baltic amber
† Burmadictyna Wunderlich, 2008d	Cretaceous
787. <i>Burmadictyna pecten</i> Wunderlich, 2008d*	K Myanmar amber
† Chelicirrum Wunderlich, 2004v	Palaeogene
788. <i>Chelicirrum stridulans</i> Wunderlich, 2004v*	Pa Baltic amber
† Copaldictyna Wunderlich, 2004v	Quaternary
789. <i>Copaldictyna madagascariensis</i> Wunderlich, 2004v*	Qt Madagascan copal
† Cryphoezaga Wunderlich, 2004v	Palaeogene
790. <i>Cryphoezaga dubia</i> Wunderlich, 2004v*	Pa Baltic amber
† Eobrommella Wunderlich, 2004v	Palaeogene
791. <i>Eobrommella scutata</i> Wunderlich, 2004v*	Pa Baltic amber
† Eocryphoeca Petrunkevitch, 1946	Palaeogene
792. <i>Eocryphoeca bitterfeldensis</i> Wunderlich, 2004v	Pa Bitterfeld amber
793. <i>Eocryphoeca electrina</i> Wunderlich, 2004v	Pa Baltic amber
794. <i>Eocryphoeca falcata</i> Wunderlich, 2004v	Pa Baltic amber
795. <i>Eocryphoeca gibbifera</i> Wunderlich, 2004v	Pa Baltic amber
796. <i>Eocryphoeca gracilipes</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
797. <i>Eocryphoeca ligula</i> Wunderlich, 2004v	Pa Baltic amber
798. <i>Eocryphoeca mammilla</i> Wunderlich, 2004v	Pa Baltic amber
799. <i>Eocryphoeca splendens</i> Wunderlich, 2004v	Pa Baltic amber
<i>Eocryphoeca</i> sp. <i>in</i> Wunderlich (2004v)	Pa Baltic amber
† Eocryphoecara Wunderlich, 2004v	Palaeogene
800. <i>Eocryphoecara abicera</i> Wunderlich, 2004v*	Pa Baltic amber
† Eodictyna Wunderlich, 2004v	Palaeogene
801. <i>Eodictyna communis</i> Wunderlich, 2004v*	Pa Baltic amber
† Eolathys Petrunkevitch, 1950	Palaeogene
802. <i>Eolathys debilis</i> Petrunkevitch, 1950	Pa Baltic amber
803. <i>Eolathys succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† Gibbermastigusa Wunderlich, 2004v	Palaeogene
804. <i>Gibbermastigusa lateralis</i> Wunderlich, 2004v*	Pa Baltic amber
† Hispaniolyna Wunderlich, 1988	Neogene

805.	<i>Hispaniolyna hirsuta</i> Wunderlich, 1988	Ne Dominican amber
806.	<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>]	
807.	<i>Mastigusa acuminata</i> Menge in C. L. Koch & Berendt, 1854*	Pa Baltic amber
808.	<i>Mastigusa arcuata</i> Wunderlich, 2004v	Pa Baltic amber
809.	<i>Mastigusa bitterfeldensis</i> Wunderlich, 2004v	Pa Bitterfeld amber
810.	<i>Mastigusa laticymbium</i> Wunderlich, 2004v	Pa Baltic amber
811.	<i>Mastigusa magnibulbus</i> Wunderlich, 2004v	Pa Bitterfeld amber
812.	<i>Mastigusa media</i> Wunderlich, 1986	Pa Baltic amber
813.	<i>Mastigusa modesta</i> Wunderlich, 1986	Pa Baltic amber
814.	<i>Mastigusa scutata</i> Wunderlich, 2004v	Pa Baltic amber
	<i>Mastigusa</i> sp. in Wunderlich (2004v)	Pa Baltic amber
†	Mizagalla Wunderlich, 2004v	Palaeogene
815.	<i>Mizagalla quattuor</i> Wunderlich, 2004v*	Pa Baltic amber
816.	<i>Mizagalla tuberculata</i> Wunderlich, 2004v	Pa Baltic amber
†	Palaeodictyna Wunderlich, 1988	Neogene
817.	<i>Palaeodictyna intermedia</i> Wunderlich, 1988	Ne Dominican amber
818.	<i>Palaeodictyna longispina</i> Wunderlich, 1988	Ne Dominican amber
819.	<i>Palaeodictyna singularis</i> Wunderlich, 1988	Ne Dominican amber
820.	<i>Palaeodictyna spiculum</i> Wunderlich, 1988	Ne Dominican amber
821.	<i>Palaeodictyna termitophila</i> Wunderlich, 1988*	Ne Dominican amber
822.	<i>Palaeodictyna unispina</i> Wunderlich, 1988	Ne Dominican amber
†	Palaeolathys Wunderlich, 1986	Neogene
823.	<i>Palaeolathys circumductus</i> Wunderlich, 1988	Ne Dominican amber
824.	<i>Palaeolathys copalis</i> Wunderlich, 1986	Qt Dominican copal
825.	<i>Palaeolathys quadruplex</i> Wunderlich, 1988	Ne Dominican amber
826.	<i>Palaeolathys similis</i> Wunderlich, 1988	Ne Dominican amber
827.	<i>Palaeolathys spinosa</i> Wunderlich, 1986*	Ne Dominican amber
	<i>Palaeolathys</i> sp. in Wunderlich (1988)	Ne Dominican amber
†	Protomastigusa Wunderlich, 2004v	Palaeogene
828.	<i>Protomastigusa composita</i> Wunderlich, 2004v	Pa Baltic amber
†	Scopulyna Wunderlich, 2004v	Palaeogene
829.	<i>Scopulyna cursor</i> Wunderlich, 2004v	Pa Baltic amber
†	Succinya Wunderlich, 1988	Neogene
830.	<i>Succinya longembolus</i> Wunderlich, 1988	Ne Dominican amber
831.	<i>Succinya pulcher</i> Wunderlich, 1988*	Ne Dominican amber
832.	<i>Succinya spinipalpus</i> Wunderlich, 1988	Ne Dominican amber
	Thallumetus Simon, 1892b	Subrecent – Recent
833.	<i>Thallumetus copalis</i> Wunderlich, 2004at	Qt Colombian copal

AMAUROBIIDAE Thorell, 1870a	Palaeogene – Recent
= CINIFLONIDAE Blackwall, 1841	
[partly also Dictynidae; based on a generic synonym]	
Amaurobiinae sp. <i>in</i> Wunderlich (2004 <i>u</i>)	Pa Baltic amber
PHYXELIDIDAE Lehtinen, 1967	Recent
no fossil record	
TITANOECIDAE Lehtinen, 1967	Recent
no fossil record	
NICODAMIDAE Simon, 1898	Recent
= MEGADICTYNIDAE Lehtinen, 1967	
no fossil record	
TENGELLIDAE Dahl, 1908	Recent
no fossil record	
MITURGIDAE Simon, 1885a	Neogene – Recent
= CHEIRACANTHIDAE Wagner, 1887	
<i>Strotarchus</i> Simon, 1888	Neogene – Recent
= † <i>Mimeutychurus</i> Petrunkevitch, 1963 [tentative synonymy]	
834. <i>Strotarchus heidti</i> Wunderlich, 1988	Ne Dominican amber
835. <i>Strotarchus paradoxus</i> (Petrunkevitch, 1963)	Ne Chiapas amber
ANYPHAENIDAE Bertkau, 1878a	Palaeogene – Recent
= AMAUROBIOIDIDAE Hickman, 1949	
<i>Anyphaena</i> Sundevall, 1833	Palaeogene – Recent
836. ' <i>Anyphaena fuscata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
<i>Anyphaenoides</i> Berland, 1913	Neogene – Recent
837. <i>Anyphaenoides bulla</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Lupettiana</i> Brescovit, 1997	Neogene – Recent
838. <i>Lupettiana ligula</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Wulfila</i> O. P.-Cambridge, 1895	Neogene – Recent
839. <i>Wulfila spinipes</i> Wunderlich, 1988	Ne Dominican amber
LIOCRANIDAE Simon, 1897a	Palaeogene – Recent
?Liocranidae <i>in</i> Wunderlich (1988)	Ne Dominican amber
<i>Apostenus</i> Westring, 1851	Palaeogene – Recent
840. <i>Apostenus arnoldorum</i> Wunderlich, 2004 <i>ag</i>	Pa Baltic amber
841. <i>Apostenus bigibber</i> Wunderlich, 2004 <i>ag</i>	Pa Baltic / Bitt. amber
842. <i>Apostenus spinimanus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
<i>Donuea</i> Strand, 1932	Quaternary – Recent

843. <i>Donuea collustrata</i> Bosselaers & Dierick, 2010 [Recent]	Qt – R Madagascar
† Palaeospinisoma Wunderlich, 2004ag	Palaeogene
844. <i>Palaeospinisoma femoralis</i> Wunderlich, 2004ag*	Pa Baltic amber
CLUBIONIDAE Simon, 1895	Palaeogene – Recent
Clubionidae gen. et sp. <i>in</i> Nishikawa (1974)	Qt Mizunami amber
Clubiona Latreille, 1804a	Palaeogene – Recent
845. <i>Clubiona arcana</i> Scudder, 1890a	Pa Florissant
846. <i>Clubiona attenuata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
847. <i>Clubiona curvispinosa</i> Petrunkevitch, 1922	Pa Florissant
848. <i>Clubiona eseri</i> Heer, 1865	Ne Öhningen
849. <i>Clubiona florissanti</i> Petrunkevitch, 1922	Pa Florissant
850. <i>Clubiona lanata</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
851. <i>Clubiona microphthalma</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
852. <i>Clubiona pubescens</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
853. <i>Clubiona sericea</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
854. <i>Clubiona tomentosa</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Concursator Petrunkevitch, 1958 [family uncertain]	Palaeogene
855. <i>Concursator nudipes</i> Petrunkevitch, 1958*	Pa Baltic amber
† Desultor Petrunkevitch, 1942	Palaeogene
856. <i>Desultor depressus</i> Petrunkevitch, 1942	Pa Baltic amber
Elaver O. P.-Cambridge, 1898	Neogene – Recent
857. <i>Elaver nutua</i> (Wunderlich, 1988)	Ne Dominican amber
† Eobumbatrix Petrunkevitch, 1922	Palaeogene
858. <i>Eobumbatrix latebrosa</i> (Scudder, 1890a)*	Pa Florissant
† Eodoter Petrunkevitch, 1958	Palaeogene
859. <i>Eodoter eopala</i> Wunderlich, 2004af	Pa Baltic amber
860. <i>Eodoter magnificus</i> Petrunkevitch, 1958*	Pa Baltic amber
† Eostentatrix Petrunkevitch, 1922	Palaeogene
861. <i>Eostentatrix cockerelli</i> Petrunkevitch, 1922	Pa Florissant
862. <i>Eostentatrix ostentata</i> (Scudder, 1890a)*	Pa Florissant
† Eoversatrix Petrunkevitch, 1922	Palaeogene
863. <i>Eoversatrix eversa</i> (Scudder, 1890a)*	Pa Florissant
† Machilla Petrunkevitch, 1958 [family uncertain]	Palaeogene
864. <i>Machilla setosa</i> Petrunkevitch, 1958*	Pa Baltic amber
† Massula Petrunkevitch, 1942 [family uncertain]	Palaeogene
865. <i>Massula klebsi</i> Petrunkevitch, 1942*	Pa Baltic amber
† Prosocer Petrunkevitch, 1963	Neogene
866. <i>Prosocer mollis</i> Petrunkevitch, 1963*	Ne Chiapas amber
† Systariella Wunderlich, 2004af	Palaeogene
867. <i>Systariella magnioculi</i> Wunderlich, 2004af*	Pa Baltic amber

Clubionidae incertae sedis

- † ***Chiapasona* Petrunkevitch, 1963** **Neogene**
 868. *Chiapasona defuncta* Petrunkevitch, 1963* Ne Chiapas amber

CORINNIDAE Karsch, 1880a **Palaeogene – Recent**

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

† ***Ablator* Petrunkevitch, 1942** **Palaeogene**

= † *Abliquritor* Petrunkevitch, 1942

869. *Ablator biguttatus* Wunderlich, 2004ah Pa Baltic amber
 870. *Ablator curvatus* Wunderlich, 2004ah Pa Baltic amber
 871. *Ablator deminuens* Wunderlich, 2004ah Pa Baltic amber
 872. *Ablator depressus* Wunderlich, 2004ah Pa Baltic amber
 873. *Ablator duomammillae* Wunderlich, 2004ah Pa Baltic amber
 874. *Ablator felix* (Petrunkevitch, 1958) Pa Baltic amber
 875. *Ablator inevolvens* Wunderlich, 2004ah Pa Baltic amber
 876. *Ablator longus* Wunderlich, 2004ah Pa Baltic amber
 877. *Ablator nonguttatus* Wunderlich, 2004ah Pa Baltic amber
 878. *Ablator parvus* Wunderlich, 2004ah Pa Baltic amber
 879. *Ablator plumosus* (Petrunkevitch, 1950) Pa Baltic amber
 880. *Ablator robustus* Wunderlich, 2004ah Pa Baltic amber
 881. *Ablator scutatus* Wunderlich, 2004ah Pa Baltic amber
 882. *Ablator splendens* Wunderlich, 2004ah Pa Baltic amber
 883. *Ablator triguttatus* (C. L. Koch & Berendt, 1854)* Pa Baltic amber
 i. = *Philodromus microcephalus* C. L. Koch & Berendt,
 1854 Pa Baltic amber
 ii. = *Philodromus squamiger* C. L. Koch & Berendt, 1854 ..Pa Baltic amber
 iii. = *Abliqurator niger* Petrunkevitch, 1942 Pa Baltic amber
- † ***Alterphrurolithus* Wunderlich, 2004ah** **Palaeogene**
 884. *Alterphrurolithus longipes* Wunderlich, 2004ah Pa Baltic amber
- Castianeira* Keyserling, 1880b** **Neogene – Recent**
 885. *Castianeira tenebricosa* Wunderlich, 1988 Ne Dominican amber
- † ***Chemmisomma* Wunderlich, 1988** **Neogene**
 886. *Chemmisomma dubia* Wunderlich, 1988* Ne Dominican amber
- Corinna* C. L. Koch, 1842a** **Neogene – Recent**
 887. *Corinna flagelliformis* Wunderlich, 1988 Ne Dominican amber
- † ***Cornucymbium* Wunderlich, 2004ah** **Palaeogene**
 888. *Cornucymbium insolens* Wunderlich, 2004ah* Pa Baltic amber
- † ***Cryptoplanus* Petrunkevitch, 1958** **Palaeogene**
 889. *Cryptoplanus bulbosus* Wunderlich, 2004ah Pa Baltic amber
 890. *Cryptoplanus complicatus* Wunderlich, 2004ah Pa Baltic amber
 891. *Cryptoplanus incidens* Wunderlich, 2004ah Pa Baltic amber
 892. *Cryptoplanus lanatus* (Petrunkevitch, 1958) Pa Baltic amber

893. <i>Cryptoplanus paradoxus</i> Petrunkevitch, 1958*	Pa Baltic amber
894. <i>Cryptoplanus sericatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
895. <i>Cryptoplanus sinuosus</i> Wunderlich, 2004ah	Pa Baltic amber
<i>Cryptoplanus</i> sp. in Wunderlich (2004ah)	Pa Baltic amber
† Eomazax Petrunkevitch, 1958	Palaeogene
896. <i>Eomazax pulcher</i> Petrunkevitch, 1958*	Pa Baltic amber
Megalostrata Karsch, 1880a	Neogene – Recent
897. <i>Megalostrata grandis</i> Wunderlich, 1988	Ne Dominican amber
† Myrmecorinna Wunderlich, 2004ah	Palaeogene
898. <i>Myrmecorinna gracilis</i> Wunderlich, 2004ah*	Pa Baltic amber
Phrurolithus C. L. Koch, 1839b	Palaeogene
899. <i>Phrurolithus extinctus</i> Petrunkevitch, 1958	Pa Baltic amber
900. <i>Phrurolithus fossilis</i> Petrunkevitch, 1958	Pa Baltic amber
901. <i>Phrurolithus ipseni</i> Petrunkevitch, 1958	Pa Baltic amber
† Protoorthobula Wunderlich, 2004ah	Palaeogene
902. <i>Protoorthobula bifida</i> Wunderlich, 2004ah*	Pa Baltic amber
903. <i>Protoorthobula deelemani</i> Wunderlich, 2004ah	Pa Baltic / Bitt. amber
Trachelas L. Koch, 1872	Neogene
904. <i>Trachelas poinari</i> Penney, 2001	Ne Dominican amber
ZODARIIDAE Thorell, 1881	Palaeogene – Recent
= CRYPTOTHELIDAE L. Koch, 1872 [younger name protected by useage]	
= † ADJUTORIDAE Petrunkevitch, 1942	
Zodariidae gen. et sp. indet 1–4 in Wunderlich (2004ae)	Pa Baltic amber
† Adjutor Petrunkevitch, 1942	Palaeogene
905. <i>Adjutor deformis</i> Petrunkevitch, 1958	Pa Baltic amber
906. <i>Adjutor mirabilis</i> Petrunkevitch, 1942*	Pa Baltic amber
† Admissor Petrunkevitch, 1942	Palaeogene
907. <i>Admissor aculeatus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Adorator Petrunkevitch, 1942	Palaeogene
908. <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
909. <i>Adorator samlandicus</i> Petrunkevitch, 1942	Pa Baltic amber
† Angusdarion Wunderlich, 2004ae	Palaeogene
910. <i>Angusdarion humilis</i> Wunderlich, 2004ae*	Pa Baltic amber
† Anniculus Petrunkevitch, 1942	Palaeogene
911. <i>Anniculus balticus</i> Petrunkevitch, 1942*	Pa Baltic amber
† Eocydrele Petrunkevitch, 1958	Palaeogene

912. <i>Eocydrele mortua</i> Petrunkevitch, 1958*	Pa Baltic amber
† <i>Propago</i> Petrunkevitch, 1963	Neogene
913. <i>Propago debilis</i> Petrunkevitch, 1963*	Ne Chiapas amber
† <i>Spinizodarion</i> Wunderlich, 2004ae	Palaeogene
914. <i>Spinizodarion ananulum</i> Wunderlich, 2004ae*	Pa Baltic amber
† <i>Zodariodamus</i> Wunderlich 2004ae	Palaeogene
915. <i>Zodariodamus recurvatus</i> Wunderlich 2004ae*	Pa Baltic amber

PENESTOMIDAE Simon, 1903 **Recent**

no fossil record

† **EPHALMATORIDAE Petrunkevitch, 1950** **Palaeogene**

† ***Ephalmator* Petrunkevitch, 1950** **Palaeogene**

916. <i>Ephalmator bitterfeldensis</i> Wunderlich, 2004ad	Pa Bitterfeld amber
917. <i>Ephalmator calidus</i> Wunderlich, 2004ad	Pa Baltic amber
918. <i>Ephalmator debilis</i> Wunderlich, 2004ad	Pa Baltic amber
919. <i>Ephalmator distinctus</i> Wunderlich, 2004ad	Pa Baltic amber
920. <i>Ephalmator ellwangeri</i> Wunderlich, 2004ad	Pa Baltic amber
921. <i>?Ephalmator eximius</i> Petrunkevitch, 1958	Pa Baltic amber
922. <i>Ephalmator fossilis</i> Petrunkevitch, 1950*	Pa Baltic amber
923. <i>Ephalmator kerneggeri</i> Wunderlich, 2004ad	Pa Baltic amber
924. <i>Ephalmator petrunkevitchi</i> Wunderlich, 2004ad	Pa Baltic amber
925. <i>Ephalmator ruthildae</i> Wunderlich, 2004ad	Pa Baltic amber
926. <i>Ephalmator trudis</i> Wunderlich, 2004ad	Pa Baltic amber
927. <i>Ephalmator turpiculus</i> Wunderlich, 2004ad	Pa Baltic amber
<i>Ephalmator</i> sp. in Wunderlich (2004ad)	Pa Baltic amber

CHUMMIDAE Jocqué, 2001 **Recent**

no fossil record

HOMALONYCHIDAE Simon, 1893 **Recent**

no fossil record

GNAPHOSOIDEA Simon, 1893 **Palaeogene – Recent**

AMMOXENIDAE Simon, 1893 **Recent**

no fossil record

CITHAERONIDAE Simon, 1893 **Recent**

no fossil record

GALLIENIELLIDAE Millot, 1947 **Recent**

no fossil record

TROCHANTERIIDAE Karsch, 1879	Palaeogene – Recent
= PLATORIDAE Simon, 1890	
† Eotrochanteria Wunderlich, 2004am	Palaeogene
928. <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	
929. <i>Sosybius berendti</i> Wunderlich, 2004am	Pa Baltic amber
930. <i>Sosybius decumana</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
931. <i>Sosybius falcatus</i> Wunderlich, 2004am	Pa Baltic amber
932. <i>Sosybius fusca</i> (Petrunkevitch, 1942)	Pa Baltic amber
933. <i>Sosybius kochi</i> Wunderlich, 2004am	Pa Baltic amber
934. <i>Sosybius lateralis</i> Wunderlich, 2004am	Pa Baltic amber
935. <i>Sosybius longipes</i> Wunderlich, 2004am	Pa Baltic amber
936. <i>Sosybius major</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
937. <i>Sosybius minor</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
938. <i>Sosybius mizgirisi</i> Wunderlich, 2004am	Pa Baltic amber
939. <i>Sosybius parva</i> (Petrunkevitch, 1942)	Pa Baltic amber
940. <i>Sosybius perniciosus</i> Wunderlich, 2004am	Pa Baltic amber
941. <i>Sosybius rufa</i> (Petrunkevitch, 1942)	Pa Baltic amber
942. <i>Sosybius similis</i> Petrunkevitch, 1942	Pa Baltic amber
943. <i>Sosybius succineus</i> (Petrunkevitch, 1942)	Pa Baltic amber
944. <i>Sosybius tibialis</i> Wunderlich, 2004am	Pa Baltic amber
945. <i>Sosybius unispinosus</i> Wunderlich, 2004am	Pa Baltic amber
<i>Sosybius</i> sp. in Wunderlich (2004am, ar)	Pa Baltic / Rovno amber
† Thereola Petrunkevitch, 1955	Palaeogene
= † <i>Therea</i> Koch & Berendt, 1854 [preoccupied]	
946. <i>Thereola petiolata</i> (C. L. Koch & Berendt, 1854)* [♀ = ? <i>Dasuminia</i> sp. according to Wunderlich 2004b]	Pa Baltic amber
947. <i>Thereola pubescens</i> (Menge in C. L. Koch & Berendt, 1854)	Pa Baltic amber
† Trochanteridromulus Wunderlich, 2004am	Palaeogene
948. <i>Trochanteridromulus glabripes</i> Wunderlich, 2004am*	Pa Baltic amber
† Trochanteridromus Wunderlich, 2004am	Palaeogene
949. <i>Trochanteridromus scutatus</i> Wunderlich, 2004am*	Pa Baltic amber
† Veterator Petrunkevitch, 1963	Neogene
950. <i>Veterator angustus</i> Wunderlich, 1988	Ne Dominican amber
951. <i>Veterator ascutum</i> Wunderlich, 1988	Ne Dominican amber
952. <i>Veterator extinctus</i> Petrunkevitch, 1963*	Ne Chiapas amber
953. <i>Veterator incompletus</i> Wunderlich, 1982	Ne Dominican amber
954. <i>Veterator longipes</i> Wunderlich, 1988	Ne Dominican amber
955. <i>Veterator loricatus</i> Wunderlich, 1988	Ne Dominican amber

956. <i>Veterator porrectus</i> Wunderlich, 1988	Ne Dominican amber
957. <i>Veterator viduus</i> Wunderlich, 1988	Ne Dominican amber
<i>Veterator</i> sp. 1–2 in Wunderlich (1988)	Ne Dominican amber
LAMPONIDAE Simon, 1893	Recent
no fossil record	
PRODIDOMIDAE Simon, 1884a	Recent
= MILTIIDAE Thorell, 1873 [based on a generic synonym]	
no fossil record	
GNAPHOSIDAE Pocock, 1898	?Cretaceous – Recent
= DRASSIDAE Sundevall, 1833 [based on a generic synonym]	
† Captrix Petrunkevitch, 1942	Palaeogene
958. <i>Captrix lineata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
Drassodes Westring, 1851	Palaeogene – Recent
959. <i>Drassodes cupreus</i> (Blackwall, 1834a) [Recent]	Qt England
960. ? <i>Drassodes femurus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
961. ? <i>Drassodes sextii</i> Berland, 1939	Pa Aix-en-Provence
† Drassyllinus Wunderlich, 1988	Neogene
962. <i>Drassyllinus aliter</i> Wunderlich, 1988*	Ne Dominican amber
† Eomactator Petrunkevitch, 1958	Palaeogene
963. <i>Eomactator mactatus</i> Petrunkevitch, 1958*	Pa Baltic amber
Gnaphosa Latreille, 1804a	?Cretaceous – Recent
964. <i>Gnaphosa affinis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Philodromus dubius</i> C. L. Koch & Berendt, 1854	
965. <i>Gnaphosa ambigua</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
966. <i>Gnaphosa liaoningensis</i> Chang, 2004	
[generic assignment unreliable!]	K Jehol biota
Micaria Westring, 1851	Palaeogene – Recent
967. <i>Micaria procera</i> C. L. Koch & Berendt, 1954	Pa Baltic amber
968. <i>Micaria tenella</i> Heer, 1865	Ne Öhningen
† Palaeodrassus Petrunkevitch, 1922	Palaeogene
969. <i>Palaeodrassus cockerelli</i> Petrunkevitch, 1922	Pa Florissant
970. <i>Palaeodrassus florissanti</i> Petrunkevitch, 1922	Pa Florissant
971. <i>Palaeodrassus hesternus</i> (Scudder, 1890a)	Pa Florissant
972. <i>Palaeodrassus ingenuus</i> (Scudder, 1890a)*	Pa Florissant
973. <i>Palaeodrassus interitus</i> (Scudder, 1890a)	Pa Florissant
Zelotes Gistel, 1848	Palaeogene
974. <i>Zelotes concinna</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
975. <i>Zelotes mundula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
i. = <i>Melanophora nobilis</i> C. L. Koch & Berendt, 1854	
	Pa Baltic amber

976. <i>Zelotes regalis</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
SELENOPIIDAE Simon, 1897a	Palaeogene – Recent
† <i>Garcorops</i> Corronca, 2003	Quaternary – Recent
977. <i>Garcorops jadis</i> Bosselaers, 2004	Qt Madagas. copal
i. = ? <i>Anyphops cortex</i> Wunderlich, 2004as	Qt Madagas. copal
<i>Selenops</i> Latreille, 1819	Palaeogene – Recent
978. <i>Selenops benoiti</i> Wunderlich, 2004as	Qt Madagascar copal
979. <i>Selenops beynai</i> Schawaller, 1984	Ne Dominican amber
980. <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
SPARASSIDAE Bertkau, 1872	Palaeogene – Recent
= HETEROPODIDAE Thorell, 1873	
= MICROMMATIDAE Bertkau, 1878a	
= EUSPARASSIDAE Järvi, 1912	
Sparassidae sp. 1–2 in (Wunderlich 2008c)	Pa Baltic amber
† <i>Caduceator</i> Petrunkevitch, 1942	Palaeogene
981. <i>Caduceator minutus</i> Petrunkevitch, 1942*	Pa Baltic amber
982. <i>Caduceator quadrimaculatus</i> Petrunkevitch, 1950	Pa Baltic amber
† <i>Collacteus</i> Petrunkevitch, 1942	Palaeogene
983. <i>Collacteus captivus</i> Petrunkevitch, 1942*	Pa Baltic amber
† <i>Eostaianus</i> Petrunkevitch, 1950	Palaeogene
984. <i>Eostaianus succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† <i>Eostasina</i> Petrunkevitch, 1942	Palaeogene
985. <i>Eostasina aculeata</i> Petrunkevitch, 1942*	Pa Baltic amber
<i>Heteropoda</i> Latreille, 1804a	Palaeogene – Recent
= † <i>Retina</i> Hong, 1985	
986. <i>Heteropoda crassipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
987. <i>Heteropoda rpbusta</i> [sic] (Hong, 1985)	Ne Shanwang
<i>Pseudosparianthis</i> Simon, 1887	Neogene – Recent
988. <i>Pseudosparianthis pfeifferi</i> (Wunderlich, 1988)	Ne Dominican amber
<i>Zachria</i> L. Koch, 1875	Palaeogene – Recent
989. <i>Zachria desiderabilis</i> Petrunkevitch, 1950	Pa Baltic amber
990. <i>Zachria peculiata</i> Petrunkevitch, 1946	Pa Baltic amber
991. <i>Zachria restincta</i> Petrunkevitch, 1958	Pa Baltic amber
PHILODROMIDAE Thorell, 1870a	Cretaceous – Recent
Philodromidae sp. in Wunderlich (1988)	Ne Dominican amber

Philodromidae sp. <i>in</i> Wunderlich (2004ae)	Ne Baltic amber
† Cretadromus Cheng, Shen & Gao, 2009	Cretaceous
992. <i>Cretadromus liaoningensis</i> Cheng, Shen & Gao, 2009	K Liaoning Province
† Eoathanatus Petrunkevitch, 1950	Palaeogene – Recent
993. <i>Eoathanatus diritatis</i> Petrunkevitch, 1950*	Pa Baltic amber
THOMISIDAE Sundevall, 1833	Palaeogene – Recent
= APHANTOCHILIDAE Thorell, 1873	
= MISUMENIDAE Thorell, 1887	
= STIPHROPODIDAE Simon, 1895	
= XYSTICIDAE Dahl, 1912	
= BORBOROPACTIDAE Wunderlich, 2004ao	
Thomisidae gen. et sp. <i>in</i> Nishikawa (1974)	Qt Mizunami amber
Thomisidae gen. et sp. <i>in</i> Bottali (1975)	Qt Italy
Thomisidae gen. et sp. <i>in</i> Schawaller (1982d)	Ne Willershausen
Thomisidae gen. et sp. <i>in</i> Wunderlich (1988)	Ne Dominican amber
Thomisidae gen. et sp. 1–2 <i>in</i> Wunderlich (2004ap)	Pa Baltic amber
Thomisidae gen. et sp. <i>in</i> Garcíá-Villafuerte (2006b)	Ne Chiapas amber
Coriarachne Thorell, 1870b	Quaternary – Recent
<i>Coriarachne</i> sp. <i>in</i> Cutler (1970)	Qt Wyoming
† Ecotona Lin, Zhang & Wang, 1989 [ex Araneidae]	Neogene
994. <i>Ecotona brunnea</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
995. <i>Ecotona pilulifera</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
996. <i>Ecotona transipeda</i> Lin, Zhang & Wang, 1989*	Ne Shanwang
† Facundia Petrunkevitch, 1942	Palaeogene
997. <i>Facundia clara</i> Petrunkevitch, 1942*	Pa Baltic amber
† Fiducia Petrunkevitch, 1950	Palaeogene
998. <i>Fiducia tenuipes</i> Petrunkevitch, 1950*	Pa Baltic amber
† Filiolella Petrunkevitch, 1955a	Palaeogene
= † <i>Filiola</i> Petrunkevitch, 1942 [preoccupied]	
999. <i>Filiolella argentata</i> (Petrunkevitch, 1942)*	Pa Baltic amber
† Heterotmarus Wunderlich, 1988	Neogene
1000. <i>Heterotmarus altus</i> Wunderlich, 1988*	Ne Dominican amber
† Komisumena Ono, 1981	Neogene
1001. <i>Komisumena rosae</i> Ono, 1981*	Ne Dominican amber
† Miothomismus Zhang, Sun & Zhang, 1994	Neogene
1002. <i>Miothomismus subnudus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
1003. <i>Miothomismus sylvaticus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
Misumena Latreille, 1804a	Palaeogene – Recent
1004. <i>Misumena samlandica</i> Petrunkevitch, 1942	Pa Baltic amber
† Palaeoxysticus Wunderlich, 1985	Neogene
1005. <i>Palaeoxysticus extinctus</i> Wunderlich, 1985	Ne Randecker Maar

† Parvulus Zhang, Sun & Zhang, 1994	Neogene
1006. <i>Parvulus latissimus</i> Zhang, Sun & Zhang, 1994*	Ne Shanwang
† Succinaenigma Wunderlich, 2004ap	Palaeogene
1007. <i>Succinaenigma raptor</i> Wunderlich, 2004ap*	Pa Baltic amber
† Succiniraptor Wunderlich, 2004ao	Palaeogene
1008. <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
1009. <i>Synema enigmaticum</i> Berland, 1939	Pa Aix-en-Provence
† Syphax C. L. Koch & Berendt, 1854	Palaeogene
1010. <i>Syphax asper</i> Petrunkevitch, 1950	Pa Baltic amber
1011. <i>Syphax crassipes</i> Petrunkevitch, 1942	Pa Baltic amber
1012. <i>Syphax fuliginosus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1013. <i>Syphax gracilis</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1014. <i>Syphax megacephalus</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
1015. <i>Syphax thoracicus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Thomisiraptor Wunderlich, 2004ap	Palaeogene
1016. <i>Thomisiraptor liedtkei</i> Wunderlich, 2004ap*	Pa Baltic amber
Thomismus Walckenaer, 1805	Palaeogene – Recent
1017. <i>Thomismus defossus</i> Scudder, 1890a	Pa Florissant
1018. <i>Thomismus disjunctus</i> Scudder, 1890a	Pa Florissant
1019. <i>Thomismus lividus</i> Heer, 1865	Ne Öhningen
1020. <i>Thomismus resutus</i> Scudder, 1890a	Pa Florissant
1021. <i>Thomismus sulzeri</i> Heer, 1865	Ne Öhningen
Xysticus C. L. Koch, 1835	Palaeogene – Recent
1022. ? <i>Xysticus annulipes</i> Bertkau, 1878b	Ne Rott, Germany
1023. <i>Xysticus archaeopalpus</i> Leech & Matthews, 1971	Ne Alaska
1024. <i>Xysticus oeningensis</i> (Heer, 1865)	Ne Öhningen
<i>Xysticus</i> sp. in Protescu (1937)	Pa Romanian amber
SALTICIDAE Blackwall, 1841	Palaeogene – Recent
= ATTIDAE Sundevall, 1833 [based on a generic synonym]	
= LYSSOMANIDAE Peckham & Wheeler, 1889	
Salticidae gen. et sp. in Schawaller (1982d)	Ne Willershausen
† Almolinus Petrunkevitch, 1958	Palaeogene
1025. <i>Almolinus bitterfeldensis</i> Wunderlich, 2004aq	Pa Bitterfeld amber
1026. <i>Almolinus clarus</i> Petrunkevitch, 1958*	Pa Baltic amber
1027. <i>Almolinus ligula</i> Wunderlich, 2004aq	Pa Baltic amber
? <i>Almolinus</i> sp. in Wunderlich (2004aq)	Pa Baltic amber
† Attoides Brongniart, 1877	Palaeogene
1028. <i>Attoides eresiformis</i> Brongniart, 1877	Pa Aix-en-Provence

† <i>Calilinus</i> Wunderlich, 2004aq	Palaeogene
1029. <i>Calilinus fleissneri</i> Wunderlich, 2004aq*	Pa Baltic amber
† <i>Cenattus</i> Petrunkevitch, 1942	Palaeogene
1030. <i>Cenattus exophthalmicus</i> Petrunkevitch, 1942*	Pa Baltic amber
<i>Corythalia</i> C. L. Koch, 1851	Neogene – Recent
1031. <i>Corythalia ocululiter</i> Wunderlich, 1988	Ne Dominican amber
1032. <i>Corythalia pilosa</i> Wunderlich, 1982	Ne Dominican amber
1033. <i>Corythalia scissa</i> Wunderlich, 1988	Ne Dominican amber
† <i>Descangeles</i> Wunderlich, 1988	Neogene
1034. <i>Descangeles pygmaeus</i> Wunderlich, 1988*	Ne Dominican amber
<i>Descangeles</i> sp. 1–2 in Wunderlich (1988)	Ne Dominican amber
<i>Descanso</i> Peckham & Peckham, 1892	Neogene – Recent
<i>Descanso</i> sp. in Wunderlich (1988)	Ne Dominican amber
† <i>Distanilinus</i> Wunderlich, 2004aq	Palaeogene
1035. <i>Distanilinus filum</i> Wunderlich, 2004aq	Pa Baltic amber
1036. <i>Distanilinus nutus</i> Wunderlich, 2004aq*	Pa Baltic amber
1037. <i>Distanilinus paranutus</i> Wunderlich, 2004aq	Pa Baltic amber
1038. <i>Distanilinus pernutus</i> Wunderlich, 2004aq	Pa Baltic amber
† <i>Entomocephalus</i> Holl, 1829	Palaeogene
1039. <i>Entomocephalus formicoides</i> Holl, 1829*	?Qt Copal [?not amber]
† <i>Eoattopsis</i> Gourret, 1887	Palaeogene
1040. <i>Eoattopsis hirsutus</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Eolinus</i> Petrunkevitch, 1942	Palaeogene
1041. <i>Eolinus balticus</i> Žabka, 1988	Pa Baltic amber
1042. <i>Eolinus fungus</i> Wunderlich, 2004aq	Pa Baltic amber
1043. <i>Eolinus insuriens</i> Wunderlich, 2004aq	Pa Baltic amber
1044. <i>Eolinus prominens</i> Wunderlich, 2004aq	Pa Baltic amber
1045. <i>Eolinus samlandica</i> Wunderlich, 2004aq	Pa Baltic amber
1046. <i>Eolinus succineus</i> Petrunkevitch, 1942*	Pa Baltic amber
1047. <i>Eolinus theryi</i> Petrunkevitch, 1942	Pa Baltic amber
1048. <i>Eolinus theryoides</i> Wunderlich, 2004aq	Pa Baltic amber
1049. <i>Eolinus tystschenkoi</i> Proszynski & Žabka, 1980	Pa Baltic amber
1050. <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
1051. <i>Euophrys gibberula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1052. <i>Euophrys randeckensis</i> Schawaller & Ono, 1979	Ne Randecker Maar
† <i>Evagoratus</i> Zhang, Sun & Zhang, 1994	Neogene
1053. <i>Evagoratus longicruris</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
† <i>Gorgopsidis</i> Wunderlich, 2004aq	Palaeogene
1054. <i>Gorgopsidis bechlyi</i> Wunderlich, 2004aq*	Pa Baltic amber

† Gorgopsina Petrunkevitch, 1955a	Palaeogene
1055. <i>Gorgopsina amabilis</i> Wunderlich, 2004aq	Pa Baltic amber
1056. <i>Gorgopsina constricta</i> Wunderlich, 2004aq	Pa Baltic amber
1057. <i>Gorgopsina expandens</i> Wunderlich, 2004aq	Pa Baltic amber
1058. ' <i>Gorgopsina fasciata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1059. <i>Gorgopsina flexuosa</i> Wunderlich, 2004aq	Pa Baltic amber
1060. <i>Gorgopsina formosa</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1061. <i>Gorgopsina fractura</i> Wunderlich, 2004ar	Pa Rovno amber
1062. <i>Gorgopsina frenata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
1063. <i>Gorgopsina inclusa</i> Wunderlich, 2004aq	Pa Baltic amber
1064. <i>Gorgopsina jucunda</i> (Petrunkevitch, 1942)	Pa Baltic amber
1065. <i>Gorgopsina marginata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1066. <i>Gorgopsina melanocephala</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1067. <i>Gorgopsina naumanni</i> Giebel, 1856	Pa Baltic amber
1068. <i>Gorgopsina paulula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1069. <i>Gorgopsina speciosa</i> Wunderlich, 2004aq	Pa Baltic amber
Heliophanus C. L. Koch, 1833	Palaeogene – Recent
1070. <i>Heliophanus extinctus</i> Berland, 1939	Pa Aix-en-Provence
Hyllus C. L. Koch, 1846	Palaeogene – Recent
= † <i>Parevophrys</i> Petrunkevitch, 1942	
1071. <i>Hyllus succini</i> (Petrunkevitch, 1942)	Pa Baltic amber
Lyssomanes Hentz, 1845	Neogene – Recent
1072. <i>Lyssomanes pristinus</i> Wunderlich, 1986	Ne Dominican amber
i. = <i>Lyssomanes galianoae</i> Reiskind, 1989	Ne Dominican amber
1073. <i>Lyssomanes pulcher</i> Wunderlich, 1988	Ne Dominican amber
† Microlinus Wunderlich, 2004aq	Palaeogene
1074. <i>Microlinus calidus</i> Wunderlich, 2004aq	Pa Baltic amber
1075. <i>Microlinus folium</i> Wunderlich, 2004aq*	Pa Baltic amber
Neon Simon, 1876a	Quaternary – Recent
1076. <i>Neon ?reticulatus</i> (Blackwall, 1853) [Recent]	Qt England
† Paralinus Petrunkevitch, 1942	Palaeogene
1077. <i>Paralinus crosbyi</i> Petrunkevitch, 1942*	Pa Baltic amber
† Pensacolatus Wunderlich, 1988	Neogene
1078. <i>Pensacolatus coxalis</i> Wunderlich, 1988*	Ne Dominican amber
1079. <i>Pensacolatus spinipes</i> Wunderlich, 1988	Ne Dominican amber
1080. <i>?Pensacolatus tibialis</i> Wunderlich, 2004aq	Ne Dominican amber
<i>Pensacolatus</i> sp. in Wunderlich (1988)	Ne Dominican amber
Phidippus C. L. Koch, 1846	Palaeogene
1081. <i>Phidippus impressus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
1082. <i>Phidippus pusillus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
† Phlegrata Wunderlich, 1988	Neogene

1083. <i>Phlegrata pala</i> Wunderlich, 1988*	Ne Dominican amber
† <i>Prolinus</i> Petrunkevitch, 1958	Palaeogene
1084. <i>Prolinus fossilis</i> Petrunkevitch, 1958*	Pa Baltic amber
<i>Sarinda</i> Peckham & Peckham, 1892	Neogene – Recent
? <i>Sarinda</i> sp. in Wunderlich (2004aq)	Ne Dominican amber
† <i>Steneattus</i> Bronn, 1856	Palaeogene
= † <i>Leda</i> C. L. Koch & Berendt, 1854 [preoccupied]	
1085. <i>Steneattus promissa</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
<i>Thiodina</i> Simon, 1900	Neogene
1086. <i>Thiodina beugelorum</i> Wolff, 1990	Ne Dominican amber
Araneomorphae incertae sedis	
† <i>Elvina</i> Thorell, 1870b	Neogene
1087. <i>Elvina antiqua</i> (von Heyden, 1859)	Ne Linz am Rhein
Araneae incerate sedis	
Araneae gen et sp. nov. in Ansorge (2003)	J Grimmen, Germany
† <i>Amphiclotho</i> Gourret, 1887	Palaeogene
1088. <i>Amphiclotho breviscula</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Amphithomisus</i> Gourret, 1887	Palaeogene
1089. <i>Amphithomisus barbatus</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Atocatle</i> Feldmann, Vega, Applegate & Bishop, 1998 [really a spider?].....	Cretaceous
1090. <i>Atocatle ranulfoi</i> Feldmann, Vega, Applegate & Bishop, 1998*	K Puebla, México
† <i>Cercidiella</i> Gourret, 1887	Palaeogene
1091. <i>Cercidiella aquisextana</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Clubionella</i> Gourret, 1887	Palaeogene
1092. <i>Clubionella antiqua</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Eresoides</i> Gourret, 1887	Palaeogene
1093. <i>Eresoides orbicularis</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Hersilioides</i> Gourret, 1887	Palaeogene
1094. <i>Hersilioides thanatiformis</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Opisthophylax</i> Menge, 1856	Palaeogene
1095. <i>Opisthophylax exarata</i> Menge, 1856*	Pa Baltic amber
† <i>Prodysdera</i> Gourret, 1887	Palaeogene
1096. <i>Prodysdera intermedia</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Protochersis</i> Gourret, 1887	Palaeogene
1097. <i>Protochersis spinosus</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Protolachesis</i> Gourret, 1887	Palaeogene
1098. <i>Protolachesis annulata</i> Gourret, 1887*	Pa Aix-en-Provence
† <i>Paralycosa</i> Dunlop & Jekel, 2009	Palaeogene
= † <i>Protolycosa</i> Gourret, 1887 [preoccupied]	
1099. <i>Paralycosa attiformis</i> (Gourret, 1887)*	Pa Aix-en-Provence

- † ***Pseudothomisus* Gourret, 1887** **Palaeogene**
 1100. *Pseudothomisus articulatus* Gourret, 1887* Pa Aix-en-Provence
- † ***Schellenbergia* Heer, 1865** **Neogene**
 1101. *Schellenbergia rotundata* Heer, 1865* Ne Öhningen
- † ***Timeropus* Thorell, 1891** **Palaeogene**
 = † *Lycosoides* Gourret, 1887 [preoccupied]
 1102. *Timeropus hersiliformis* (Gourret, 1887)* Pa Aix-en-Provence

NOMINA DUBIA

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

- † ***Perturbator* Petrunkevitch, 1971 (*nomen dubium*)** Neogene
18. *Perturbator corniger* Petrunkevitch, 1971* Ne Chiapas amber
- † ***Phalangopus* Menge in C. L. Koch & Berendt, 1854 (*nomen dubium*)** Palaeogene
19. *Phalangopus subtilis* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- † ***Praeoarces* Wunderlich, 2004q** Palaeogene
20. *Praeoarces exitus* Wunderlich, 2004q* Pa Baltic amber
- Segestria* Latreille, 1804** [also contains valid fossil species]
21. *Segestria elongata* C. L. Koch & Berendt, 1854 Pa Baltic amber
22. *Segestria nana* C. L. Koch & Berendt, 1854 Pa Baltic amber

NOMINA NUDA

- Amaurobius* C. L. Koch, 1837** [no currently valid fossil species]
1. *Amaurobius spinimanus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † ***Anatone* Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** Palaeogene
2. *Anatone hirsuta* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
3. *Anatone marginata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
4. *Anatone spinipes* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Aranea* Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
5. *Aranea fossilis* Keferstein, 1834 Pa Aix-en-Provence
- Archaea* C. L. Koch & Berendt, 1854** [also contains valid fossil species]
6. *Archaea incomta* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
7. *Archaea sphinx* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † ***Athera* Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** Palaeogene
8. *Athera exilis* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Attus* Walckenaer, 1805** [now *Salticus* Latreille, 1804; no currently valid fossil species]
9. *Attus fossilis* Walckenaer, 1837 Pa Baltic amber
- Clubiona* Latreille, 1804** [also contains valid fossil species]
10. *Clubiona latifrons* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
11. *Clubiona parvula* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
12. *Clubiona pilosa* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † ***Clythia* C. L. Koch & Berendt, 1854** [also contains a *nomen dubium* fossil species]
13. *Clythia funestra* Koch & Berendt, 1854 Pa Baltic amber
14. *Clythia gracilentata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
15. *Clythia leptocarena* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- † ***Dielacata* Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** Palaeogene
16. *Dielacata superba* Menge in C. L. Koch & Berendt, 1854* Pa Baltic amber
- Drassus* Walckenaer, 1805** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
17. *Drassus oblongus* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
- Dysdera* Latreille, 1804** [also contains valid fossil species]
18. *Dysdera hippopodium* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber
19. *Dysdera glabrata* Menge in C. L. Koch & Berendt, 1854 Pa Baltic amber

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

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

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

MISIDENTIFICATIONS

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

1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] Qt Copal
- † **Archaeometa Pocock, 1911** **?Devonian – Carb.**
2. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] D Alken an der Mosel
3. *Archaeometa nephilina* Pocock, 1911* [not identified] C Coseley
- † **Arachnometa Petrunkevitch, 1949** **Carboniferous**
4. *Arachnometa tuberculata* Petrunkevitch, 1949* [not identified] C Coseley
- † **Eopholcus Frič, 1904** **Carboniferous**
5. *Eopholcus pedatus* Frič, 1904* [not identified] C Nýřany
- † **Palaeocteniza Hirst, 1923** **Devonian**
6. *Palaeocteniza crassipes* Hirst, 1923* [juvenile trigonotarbid?] D Rhyne chert
- † **Pleurolycosa Frič, 1904** **Carboniferous**
7. *Pleurolycosa prolifera* (Frič, 1901)* [unidentifiable] C Nýřany

41,719 Recent species according to Platnick (2010)

HAPTOPODA

1 currently valid species of fossil haptopodid

† HAPTOPODA Pocock, 1911	Carboniferous
† PLESIOSIRONIDAE Pocock, 1911	Carboniferous
† <i>Plesiosiro</i> Pocock, 1911	Carboniferous
1. <i>Plesiosiro madeleyi</i> Pocock, 1911	C Coseley

no Recent species

AMBLYPYGI

9 currently valid species of fossil whip spider

AMBLYPYGI Thorell, 1882	Carbon. – Recent
= PHRYNÉIDES Walckenaer, 1837	
= PHRYNICHIDA Petrunkevitch, 1945a	
PALAEOAMBLYPYGI Weygoldt, 1996 (suborder)	Carbon. – Recent
family uncertain	
† <i>Graeophonus</i> Scudder, 1890b	Carboniferous
1. <i>Graeophonus anglicus</i> Pocock, 1911	C Coseley
2. <i>Graeophonus carbonarius</i> (Scudder, 1876)*	C Cape Breton
3. <i>Graeophonus scudderi</i> Pocock, 1911	C Mazon Creek
† <i>Sorellophrynus</i> Harvey, 2002	Carboniferous
= † <i>Protophrynus</i> Petrunkevitch, 1913 (preoccupied)	
4. <i>Sorellophrynus carbonarius</i> (Petrunkevitch, 1913)*	C Mazon Creek
† <i>Thelyphrynus</i> Petrunkevitch, 1913	Carboniferous
5. <i>Thelyphrynus elongatus</i> Petrunkevitch, 1913	C Mazon Creek
PARACHARONTIDAE Weygoldt, 1996	Recent
no fossil record	
EUAMBLYPYGI Weygoldt, 1996 (suborder)	Cretaceous – Recent
CHARINIDAE Quintero, 1986	Recent
no fossil record	
NEOAMBLYPYGI Weygoldt, 1996 (infraorder)	Cretaceous – Recent
CHARONTIDAE Simon, 1892a	Recent
no fossil record	
PHRYNOIDEA Blanchard, 1852	Cretaceous – Recent
PHRYNICHIDAE Simon, 1892a	Recent
no fossil record	
PHRYNIDAE Blanchard, 1852	Cretaceous – Recent
= † ELECTROPHRYNIDAE Petrunkevitch, 1971	
† <i>Britopygus</i> Dunlop & Martill, 2002	Cretaceous
6. <i>Britopygus weygoldti</i> Dunlop & Martill, 2002	K Crato Formation
† <i>Electrophrynus</i> Petrunkevitch, 1971	Neogene
7. <i>Electrophrynus mirus</i> Petrunkevitch, 1971	Ne Chiapas amber

- Phrynus Lamarck, 1801** **Neogene – Recent**
8. *Phrynus mexicana* Poinar & Brown, 2004 Ne Chiapas amber
9. *Phrynus resinae* (Schawaller, 1979b) Ne Dominican amber

NOMINA DUBIA

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

136 Recent species according to Harvey (2003)

UROPYGI

7 currently valid species of fossil whip scorpion

UROPYGI Thorell, 1882 Carbon. - Recent

= THELYPHONIDA Latreille, 1804b

= UROTRICHA C. L. Koch, 1851

= OXOPOEI Thorell, 1888

= HOLOPELTIDIA Börner, 1902

plesion genera

† *Geralinura* Scudder, 1884 Carboniferous

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

† *Parageralinura* Tetlie & Dunlop, 2008 Carboniferous

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

† *Proschizomus* Dunlop & Horrocks, 1996 Carboniferous

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

† *Prothelyphonus* Frič, 1904 Carboniferous

6. *Prothelyphonus bohemicus* (Kušta, 1884b) C Rakovník
 - i. = *Prothelyphonus cordai* Frič, 1904 C Rakovník
 - ii. = *Geralinura crassa* Kušta, 1888 C Rakovník
 - iii. = *Geralinura noctua* Kušta, 1888 C Rakovník
 - iv. = *Geralinura scudderi* Kušta, 1888 C Rakovník

THELYPHONIDAE Lucas 1835 Cretaceous – Recent

† *Mesoproctus* Dunlop, 1988 Cretaceous

7. *Mesoproctus rowlandi* Dunlop, 1998 K Crato Formation
- Mesoproctus* sp. in Dunlop & Martill (2002) K Crato Formation

MISIDENTIFICATIONS

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

SCHIZOMIDA

6 currently valid species of fossil schizomid from 6 published names

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

SCHIZOMIDA Petrunkevitch, 1945b	Palaeogene – Recent
= TARTARIDES Thorell, 1888 (tribe)	
= COLOPYGA Cook, 1899 (order)	
= SCHIZOPELTIDA Börner, 1902 (tribe)	
† CALCITRONIDAE Petrunkevitch, 1945b	Palaeogene – Neogene
† <i>Calcitro</i> Petrunkevitch, 1945b	Palaeogene – Neogene
1. <i>Calcitro fisheri</i> Petrunkevitch, 1945b*	Ne Onyx Marble
2. <i>Calcitro oplonis</i> Lin in Lin et al., 1988	Pa Shandong, China
HUBBARDIDAE Cook, 1899	Neogene – Recent
† <i>Calcoschizomus</i> Pierce, 1951	Neogene
3. <i>Calcoschizomus latisternum</i> Pierce, 1951	Ne Onyx Marble
?<i>Mayazomus</i> Reddell & Cokendolpher, 1995	?Neogene – Recent
4. <i>?Mayazomus pseudoannulatus</i> Krüger & Dunlop, 2010	Ne Dominican Amber
† <i>Onychothelyphonus</i> Pierce, 1950	Neogene
5. <i>Onychothelyphonus bonneri</i> Pierce, 1950	Ne Onyx Marble
<i>Stenochrus</i> Chamberlin, 1922	Neogene – Recent
6. <i>Stenochrus velteni</i> Krüger & Dunlop, 2010	Ne Dominican Amber
PROTOSCHIZOMIDAE Rowland, 1975	Recent
no fossil record	

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

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