



# A summary list of fossil spiders and their relatives

*compiled by*

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

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



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### INTRODUCTION

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

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

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

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

#### PRINCIPAL CHANGES SINCE THE LAST UPDATE

There have been relatively few additions since the last update. A handful of new species have been described from the extinct groups Eurypterida and Trigonotarbida. There is also the addition of the first Palaeozoic scorpion from South Africa and the first Jurassic spider from Australia.

#### ACKNOWLEDGMENTS

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

## EXPLANATIONS

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

*Stratigraphical abbreviations:*

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

D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

# PYCNOGONIDA

11 currently valid species of fossil sea spider

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

## PYCNOGONIDA Latreille, 1810 ..... Cambrian – Recent

= ARACHNOPODA Dana, 1853

- † **Cambropycnogon Waloszek & Dunlop, 2002** ..... **Cambrian**
1. *Cambropycnogon klausmuelleri* Waloszek & Dunlop, 2002\* ..... € 'Orsten', Sweden  
Pycnogonid affinities questioned by Bamber (2007)
- † **Haliestes Siveter, Sutton, Briggs & Siveter, 2004** ..... **Silurian**
2. *Haliestes dasos* Siveter, Sutton, Briggs & Siveter, 2004\* ..... S Herefordshire Lgst.
- † **Flagellopantopus Poschmann & Dunlop, 2006** ..... **Devonian**
3. *Flagellopantopus blocki* Poschmann & Dunlop, 2006\* ..... D Hünsruckschiefer
- † **Palaeomarachne Rudkin, Cuggy, Young & Thompson, 2013** ..... **Ordovician**
4. *Palaeomarachne granulata* Rudkin, Cuggy, Young & Thompson, 2013\* ..... O Manitoba, Canada
- † **Pentapantopus Kühl, Poschmann & Rust, 2013** ..... **Devonian**
5. *Pentapantopus vogteli* Kühl, Poschmann & Rust, 2013\* ..... D Hünsruckschiefer
- † **PALAEOISOPODIDAE Dubinin, 1957** ..... **Devonian**
- † **Palaeoisopus Broili, 1928** ..... **Devonian**
6. *Palaeoisopus problematicus* Broili, 1928\* ..... D Hünsruckschiefer
- † **PALAEOPANTOPODIDAE Broili, 1930** ..... **Devonian**
- † **Palaeopantopus Broili, 1928** ..... **Devonian**
7. *Palaeopantopus maucheri* Broili, 1928\* ..... D Hünsruckschiefer
- PANTOPODA Gerstaecker, 1863** ..... **Devonian – Recent**
- = PEGMATA Fry, 1978
- family uncertain
- † **Palaeothea Bergström, Stürmer & Winter, 1980** ..... **Devonian**
8. *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**

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

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

= EURYCIDIDAE Sars, 1891

= OORHYNCHIDAE Schimkewitsch, 1913

= TANYSTYLIDAE Schimkewitsch, 1913

= AMMOTHELLIDAE Fry, 1978

= EPHYROGYMNIDAE Fry, 1978

= PARANYMPHONIDAE Fry, 1978

= SERICOSURIDAE Fry, 1978

= TRYGAEIDAE Fry, 1978

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

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

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

= CHEILAPALLENIDAE Fry, 1978

= CLAVIGEROPALLENIDAE Fry, 1978

= HANNONIDAE Fry, 1978

= METAPALLENIDAE Fry, 1978

= QUEUBIDAE Fry, 1978

= STYLOPALLENIDAE Fry, 1978

no fossil record

**NYMPHONIDAE Wilson, 1878** ..... **Recent**

no fossil record

**PALLENOPSIDAE Fry, 1978** ..... **Recent**

no fossil record

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

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

**PHOXICHILIDIIDAE Sars, 1891** ..... **Recent**

= ANOPLODACTYLIDAE Fry, 1978

= PHOXIPHILYRIDAE Fry, 1978

no fossil record

**RHYNCHOTHORACIDAE Thompson, 1909** ..... **Recent**

no fossil record

#### MISIDENTIFICATIONS

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

c. 1,300 Recent species

## EUCHELICERATA

4 currently valid, but unplaced euchelicerate fossil species

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

**EUCHELICERATA Weygoldt & Paulus, 1979** ..... ?Cambrian – Recent

### STEM-EUCHELICERATA?

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

### EUCHELICERATA INCERTAE SEDIS

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



## XIPHOSURA *s. lat.*

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

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

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

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

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

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

FAMILY UNSPECIFIED

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

28. '*Belinurus*' *allegheyensis* Eller, 1938a ..... D New York State
29. '*Belinurus*' *carterae* Eller, 1940 ..... D Pennsylvania
30. '*Prestwichia*' *randalli* Beecher, 1902 ..... D Pennsylvania
- † **ELLERIDAE Raymond, 1944** ..... **Devonian**
- † ***Elleria* Raymond, 1944** ..... **Devonian**
31. *Elleria morani* (Eller, 1938b)\* ..... D Pennsylvania
- XIPHOSURIDA Latreille, 1802** ..... **Ordovician – Recent**
- family uncertain
- † ***Lunataspis* Rudkin, Young & Nowlan, 2008** ..... **Ordovician**
32. *Lunataspis aurora* Rudkin, Young & Nowlan, 2008 ..... O Manitoba
- † **BELINURINA Zittel & Eastman, 1913** ..... **Carboniferous**
- † **BELINURIDAE Zittel & Eastman, 1913** ..... **Carboniferous**
- † ***Bellinurus* Pictet, 1846** ..... **Carboniferous**
- = † *Belinurus* König, 1851
- = † *Steropsis* Baily, 1869
- = † *Koenigiella* Raymond, 1944
- NB: Pictet's 1846 name *Bellinurus* [sic] was based on a misspelling of *Belinurus* from König's unpublished plates, which themselves only became available posthumously as of 1851
33. *Bellinurus arcuatus* Baily, 1863 ..... C Coal Measues
34. *Bellinurus baldwini* Woodward, 1907b ..... C Coal Measues
35. *Bellinurus bellulus* Pictet, 1846 ..... C Coalbrookdale, UK
36. *Bellinurus carwayensis* Dix & Pringle, 1929 ..... C South Wales, UK
37. *Bellinurus concinnus* Dix & Pringle, 1929 ..... C South Wales, UK
38. *Bellinurus grandaevus* Jones & Woodward, 1899 ..... C Nova Scotia
39. *Bellinurus iswariensis* (Chernyshev, 1928) ..... C Donetz Basin
40. *Bellinurus kiltorkensis* Baily, 1869 ..... C Coal Measues
41. *Bellinurus koenigianus* Woodward, 1872a ..... C Coal Measues
42. *Bellinurus lacoeyi* Packard, 1885 ..... C Mazon Creek
43. *Bellinurus longicaudatus* Woodward, 1907b ..... C Coal Measues
44. *Bellinurus lunatus* (Martin, 1809) ..... C Mansfield, UK
45. *Bellinurus metschetensis* (Chernyshev, 1928) ..... C Donetz Basin
46. *Bellinurus morgani* Dix & Pringle, 1930 ..... C South Wales, UK
47. *Bellinurus pustulosus* Dix & Pringle, 1929 ..... C South Wales, UK
48. *Bellinurus reginae* Baily, 1863 ..... C Coal Measues
49. *Bellinurus stepanovi* (Chernyshev, 1928) ..... C Donetz Basin
50. *Bellinurus trechmanni* Woodward, 1918 ..... C Coal Measues
51. *Bellinurus trilobitoides* (Buckland, 1837)\* ..... C Coalbrookdale, UK
52. *Bellinurus truemani* Dix & Pringle, 1929 ..... C South Wales, UK

## † EUPROOPIIDAE Eller, 1938b

= † LIOMESASPIDIDAE Raymond, 1944

- † **Anacontium** Raymond, 1944 ..... **Permian**
53. *Anacontium brevis* Raymond, 1944 ..... P Oklahoma
54. *Anacontium carpenteri* Raymond, 1944 ..... P Oklahoma
- † **Euproops** Meek, 1867 ..... **Carbon. – ?Permian**
- = † *Prestwichia* Woodward, 1867 [preoccupied]
- = † *Prestwichianella* Cockerell, 1905 [replacement name for *Prestwichia*]
55. *Euproops anthrax* (Prestwich, 1840) ..... C Coal Measures
56. *Euproops bifidus* Siegfried, 1972 ..... C Coal Measures
57. *Euproops cambrensis* Dix & Pringle, 1929 ..... C Coal Measures
58. *Euproops danae* (Meek & Worthen, 1865)\* ..... C Coal Measures
- i. = *Euproops amiae* Woodward, 1918 ..... C Coal Measures
- ii. = *Euproops darrahi* Raymond, 1944 ..... C Coal Measures
- iii. = *Euproops graigolae* Dix & Pringle, 1929 ..... C South Wales
- iv. = *Euproops gwentii* Dix & Pringle, 1929 ..... C South Wales
- v. = *Euproops islwyni* Dix & Pringle, 1929 ..... C South Wales
- vi. = *Euproops kilmersdonensis* Ambrose & Romano, 1972 ..... C Kilmersdon, UK
- vii. = *Euproops laevicula* Raymond, 1944 ..... C Coal Measures
- viii. = *Euproops laticephalus* Raymond, 1944 ..... C Coal Measures
- ix. = *Euproops packardi* Willard & Jones, 1935 ..... C Coal Measures
- x. = *Prestwichia (Euproops) scheeleana* Ebert, 1892 ..... C Coal Measures
- xi. = *Euproops thompsoni* Raymond, 1944 ..... C Coal Measures
59. *Euproops longispina* Packard, 1885 ..... C Mazon Creek
60. *Euproops mariae* Crônier & Courville, 2005 ..... C Massif Central
61. *Euproops meeki* Dix & Pringle, 1929 ..... C South Wales
62. *Euproops nitida* Dix & Pringle, 1929 ..... C South Wales
63. *Euproops orientalis* Kobayashi, 1933 ..... ?P Korea
64. *Euproops rotundatus* Prestwich, 1840 ..... C Coal Measures
- Euproops* sp. in Brauckmann (1982) ..... C Piesberg, Germany
- † **Liomesaspis** Raymond, 1944 ..... **Carbon. – Permian**
- = † *Pringlia* Raymond, 1944
- = † *Palatinaspis* Malz & Poschmann, 1993
65. ?*Liomesaspis birtwelli* (Woodward, 1872a) ..... C Coal Measures
66. *Liomesaspis laevis* Raymond, 1944\* ..... C Coal Measures
- i. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 ..... C Saar-Nahe Basin
- ii. = *Pringlia bispinosa* Raymond, 1944 ..... C Coal Measures
- iii. = *Pringlia demaisterei* Vandenbergh, 1961 ..... C Coal Measures
- iv. = *Pringlia fritschi* Remy & Remy, 1959 ..... C Coal Measures
67. *Liomesaspis leonardensis* (Tasch, 1961) ..... P Annelly, Kansas
- † **Prolimulus** Frič, 1899 ..... **Carboniferous**
68. *Prolimulus woodwardi* Frič, 1899\* ..... C Nýřany

## UNNAMED TAXON

- † **Bellinuroopsis Chernyshev, 1933** ..... **Carboniferous**  
     = † *Neobelinuroopsis* Eller, 1938a  
     69. *Bellinuroopsis rossicus* Chernyshev, 1933\* ..... C Coal Measures
- † **ROLFEIIDAE Selden & Siveter, 1987** ..... **Carboniferous**
- † **Rolfeia Waterston, 1985** ..... **Carboniferous**  
     70. *Rolfeia fouldenensis* Waterston, 1985\* ..... C Fouldon, Scotland
- LIMULINA Richter & Richter, 1929** ..... **Carbon. – Recent**  
     Unnamed specimen *in* Krause *et al.* (2009) ..... Tr Ohrdruf, Germany
- † **PALEOLIMULOIDEA Raymond, 1944** ..... **Carbon. – Jurassic**
- † **PALEOLIMULIDAE Raymond, 1944** ..... **Carbon. – Jurassic**  
     = † MESOLIMULIDAE (Størmer, 1952) [in part; see Reik & Gill 1971]  
     = † DUBBOLIMULIDAE Pickett, 1984
- † **Limulitella Størmer, 1952** ..... **Triassic – Jurassic**  
     = † *Limulites* Schimper, 1853 [preoccupied]  
     *Limulitella* sp. *in* Hauschke *et al.* (2004) ..... Tr Madagascar  
     ? *Limulitella* sp. *in* Hauschke & Wilde (2008) ..... Tr Dallau, Germany  
     ? *Limulitella* sp. *in* Hauschke *et al.* (2009) ..... Tr Winterswijk  
     71. *Limulitella bronniei* (Schimper, 1853)\* ..... Tr Grés à Voltzia  
         i. = *Limulus sandbergeri* Kirchner, 1923 ..... Tr Germany  
     72. *Limulitella henkeli* Fritsch, 1906 ..... Tr Halle, Germany  
     73. ? *Limulitella liasokeuperensis* (Braun, 1860) ..... J Germany  
     74. *Limulitella vicensis* (Bleicher, 1897) ..... Tr Lorraine  
     75. *Limulitella volgensis* Ponomarenko, 1985 ..... Tr Moscow
- † **Paleolimulus Dunbar, 1923** ..... **Carbon. – Triassic**  
     = † *Dubbolimulus* Pickett, 1984  
     ? *Palaeolimulus* sp. *in* Hauschke & Wilde (2000) ..... Tr Harz, Germany  
     76. *Paleolimulus fuchsbergensis* Hauschke & Wilde, 1987 ..... Tr northwest Germany  
     77. *Paleolimulus jakovlevi* Glushenko *in* Glushenko & Ivanov, 1961 ..... P Novoselovka, Ukraine  
     78. ? *Paleolimulus juresanensis* Chernyshev, 1933 ..... C Ural region  
     79. *Paleolimulus longispinus* Schram, 1979 ..... C Bear Gulch, Montana  
     80. *Paleolimulus peetae* (Pickett, 1984) ..... Tr New South Wales  
     81. *Paleolimulus signatus* (Beecher, 1904) ..... C–P Kansas, Illinois  
         i. = *Paleolimulus avitus* Dunbar, 1923\* ..... P Kansas
- MORAVURIDAE Příbyl, 1967** ..... **Carboniferous**
- † **Moravurus Příbyl, 1967** ..... **Carboniferous**  
     82. *Moravurus rehoi* Příbyl, 1967 ..... C Ostrava-Karviná

- † **Xaniopyramis Siveter & Selden, 1987** ..... **Carboniferous**  
83. *Xaniopyramis linseyi* Siveter & Selden, 1987\* ..... C Weardale, UK
- LIMULOIDEA Zittel, 1885** ..... **Carbon. – Recent**  
unnamed specimen *in* Hauschke & Wilde (1989) ..... P Korbacher Bucht
- † **Alanops Racheboeuf et al., 2002** ..... **Carboniferous**  
84. *Alanops magnifica* Racheboeuf et al., 2002 ..... C Montceau-les-Mines
- † **Casterolimulus Holland, Erickson & O'Brien, 1975** ..... **Cretaceous**  
85. *Casterolimulus kletti* Holland, Erickson & O'Brien, 1975\* ..... K North Dakota
- † **Panduralimulus Allen & Feldman, 2005** ..... **Permian**  
86. *Panduralimulus babcocki* Allen & Feldman, 2005 ..... P Texas
- † **Valloisella Racheboeuf, 1992** ..... **Carboniferous**  
87. *Valloisella lievinensis* Racheboeuf, 1992\* ..... C northern France
- † **AUSTROLIMULIDAE Riek, 1955** ..... **Triassic**
- † **Austrolimulus Riek, 1955** ..... **Triassic**  
88. *Austrolimulus fletcheri* Riek, 1955\* ..... Tr New South Wales
- LIMULIDAE Zittel, 1885** ..... **Triassic – Recent**  
= † MESOLIMULIDAE (Størmer, 1952) [in part; see Reik & Gill 1971]  
?Limulidae gen. et sp. indet *in* Hauschke et al. (1992) ..... Tr Rüdersdorf, Germany
- † **Crenatolimulus Feldmann, Schweitzer, Dattilo & Farlow, 2011** ..... **Cretaceous**  
89. *Crenatolimulus paluxyensis* Feldmann, Schweitzer, Dattilo & Farlow,  
2011\* ..... K Texas
- Limulus Müller, 1785** ..... **Triassic – Recent**  
90. *Limulus coffini* Reeside & Harris, 1952 ..... K Colorado  
91. "*Limulus*" *decheni* Zinken, 1862 ..... Pa Teuchern, Germany  
[NB: Hauschke & Wilde (2004) considered this intermediate between *Limulus* and *Tachypleus*]  
92. *Limulus priscus* Münster, 1839 ..... Tr Rottweil, Germany  
93. *Limulus woodwardi* Watson, 1909 ..... J Northamptonshire
- † **Mesolimulus Størmer, 1952** ..... **Triassic – Cretaceous**  
*Mesolimulus* sp. *in* Ross & Vannier (2002) ..... J southern England  
94. *Mesolimulus crespelli* Via Boada, 1987 ..... Tr Tarragona, Spain  
95. *Mesolimulus sibiricus* Ponomarenko, 1985 ..... J Siberia  
96. ?*Mesolimulus syriacus* (Woodward, 1879) ..... K Lebanon  
97. *Mesolimulus walchi* (Desmarest, 1822)\* ..... J Solnhofen, etc.  
i. = *Limulus brevicauda* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen  
ii. = *Limulus brevispina* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen  
iii. = *Limulus intermedius* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen  
iv. = *Limulus ornatus* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen  
v. = *Limulus sulcatus* Münster *in* v. d. Hoeven, 1838 ..... J Solnhofen  
vi. = *Limulus giganteus* Münster, 1840 ..... J Solnhofen

NB: not entirely clearly that all these names have been formally synonymised

- † **Psammolimulus Lange, 1923** ..... **Triassic**  
 98. *Psammolimulus gottingensis* Lange, 1923\* ..... Tr Göttingen, Germany
- Tachypleus Leach, 1819** ..... **Triassic – Recent**  
 = † *Heterolimulus* Via Boada & Villalta, 1966  
 99. *Tachypleus gadeai* (Via Boada & Villalta, 1966) ..... Tr Tarragona, Spain
- † **Tarracolimulus Romero & Via Boada, 1977** ..... **Triassic**  
 100. *Tarracolimulus rieki* Romero & Via Boada, 1977\* ..... Tr Tarragona, Spain
- † **Victalimulus Riek & Gill, 1971** ..... **Cretaceous**  
 101. *Victalimulus mcqueeni* Riek & Gill, 1971\* ..... K Koonwarra
- † **Yunnanolimulus Zhang, Hu, Zhou, Iv & Bai, 2009** ..... **Triassic**  
 102. *Yunnanolimulus luopingensis* Zhang, Hu, Zhou, Iv & Bai, 2009\* ..... Tr Luoping, China

#### INCERTAE SEDIS

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

#### NOMEN DUBIUM

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

#### NOMINA NUDA

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

#### MISIDENTIFICATIONS

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

## CHASMATASPIDIDA

8 currently valid species of fossil chasmataspidid

- there are some doubts about the monophyly of Chasmataspidida

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

no Recent species



# EURYPTERIDA

251 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

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

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

† <b>Mycterops Cope, 1886</b> .....	<b>Carboniferous</b>
51. ? <i>Mycterops blairi</i> Waterston, 1968 .....	C Loanhead, Scotland
52. <i>Mycterops matthieui</i> Pruvost, 1924 .....	C Charleroi, Belgium
53. <i>Mycterops ordinatus</i> Cope, 1886* .....	C Channelton, PA
54. ? <i>Mycterops whitei</i> Schram, 1984 .....	C Crescent, Iowa
† <b>Woodwardopterus Kjellesvig-Waering, 1959</b> .....	<b>Carboniferous</b>
55. <i>Woodwardopterus scabrosus</i> (Woodward, 1887)* .....	C Glencartholm, Scotl.
<b>STYLONURINA incertae sedis</b>	
† <b>Stylonuroides Kjellesvig-Waering, 1966a</b> .....	<b>Silurian – Devonian</b>
56. <i>Stylonuroides dolichopteroides</i> (Størmer, 1934b)* .....	S Ringerike, Norway
57. <i>Stylonuroides orientalis</i> Shpinev, 2012 .....	D Lake Shunet, Siberia
<b>EURYPTERINA Burmeister, 1843</b> .....	
† <b>ONYCHOPTERELLOIDEA Lamsdell, 2011</b> .....	<b>Ordovician–Silurian</b>
† <b>ONYCHOPTERELLIDAE Lamsdell, 2011</b> .....	<b>Ordovician–Silurian</b>
† <b>Onychopterella Størmer, 1951</b> .....	<b>Ordovician–Silurian</b>
58. <i>Onychopterella augusti</i> Braddy, Aldridge & Theron, 1995 .....	O Soom Shale, S. Afr.
59. <i>Onychopterella kokomoensis</i> (Miller & Gurley, 1896)* .....	S Kokomo, Indiana
i. = <i>Eurypterus ranilarva</i> Clarke & Ruedemann, 1912.....	S Kokomo, Indiana
60. ? <i>Onychopterella pumilus</i> (Savage, 1916) .....	S Essex, Illinois
† <b>Tylopterella Størmer, 1951</b> .....	<b>Silurian</b>
61. <i>Tylopterella boylei</i> (Whiteaves, 1884) .....	S Ontario, Canada
62. ? <i>Tylopterella menneri</i> (Novojilov, 1959) .....	D Taimyr, Russia
<b>MOSELOPTEROIDEA Lamsdell, Braddy &amp; Tetlie, 2010</b> .....	
† <b>MOSELOPTERIDAE Lamsdell, Braddy &amp; Tetlie, 2010</b> .....	<b>Devonian</b>
† <b>Moselopterus Størmer, 1974</b> .....	<b>Devonian</b>
63. <i>Moselopterus ancylotelson</i> Størmer, 1974* .....	D Alken an der Mosel
64. <i>Moselopterus elongatus</i> Størmer, 1974 .....	D Alken an der Mosel
65. <i>Moselopterus lancmani</i> (Delle, 1937) .....	D Plavinas, Latvia
† <b>Stoermeropterus Lamsdell, 2011</b> .....	<b>Silurian</b>
66. <i>Stoermeropterus conicus</i> (Laurie, 1892)* .....	S Pentland Hills
i. = <i>Drepanopterus bembycoides</i> Laurie, 1899.....	S Pentland Hills
ii. = <i>Drepanopterus lobatus</i> Laurie, 1899 .....	S Pentland Hills
67. <i>Stoermeropterus latus</i> (Størmer, 1934b) .....	S Ringerike, Norway
68. <i>Stoermeropterus nodosus</i> (Kjellesvig-Waering & Leutze, 1966) .....	S Bass, West Virginia
† <b>Vinetopterus Poschmann &amp; Tetlie, 2004</b> .....	<b>Devonian</b>
69. <i>Vinetopterus martini</i> Poschmann & Tetlie, 2004 .....	D Westerwald, Germ.
70. <i>Vinetopterus struvei</i> (Størmer, 1974)* .....	D Alken an der Mosel
† <b>MEGALOGRAPTOIDEA Caster &amp; Kjellesvig-Waering, 1955</b> .....	<b>Ordovician</b>

- † **MEGALOGRAPTIDAE Caster & Kjellesvig-Waering, 1955** ..... **Ordovician**
- † ***Echinognathus* Walcott, 1882** ..... **Ordovician**
71. *Echinognathus clevelandi* Walcott, 1882\* ..... O New York
- † ***Megalograptus* Miller, 1874** ..... **Ordovician**
72. *Megalograptus alveolatus* (Shuler, 1915) ..... O Virginia
73. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 ..... O Ohio
74. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
75. *Megalograptus welchi* Miller, 1874\* ..... O Ohio
76. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
- † **‘EURYPTEROIDEA’ Burmeister, 1843** ..... **Ordovician – Devonian**
- NB: Lamsdell *et al.* (2013) questioned the monophyly of this superfamily
- Family uncertain
- † ***Pentlandopterus* Lamsdell, Hoşgör & Selden, 2013** ..... **Ordovician**
77. *Pentlandopterus minor* (Laurie, 1899)\* ..... S Pentland Hills, Scotl.
- † ***Paraeurypterus* Lamsdell, Hoşgör & Selden, 2013** ..... **Ordovician**
78. *Paraeurypterus anatoliensis* Lamsdell, Hoşgör & Selden, 2013\* ..... O Şort Tepe, Turkey
- † **DOLICHOPTERIDAE Kjellesvig-Waering & Størmer, 1952** ..... **Silurian – Devonian**
- † ***Dolichopterus* Hall, 1859** ..... **Silurian**
79. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979 ..... S Gotland, Sweden
80. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 ..... S New York
81. *Dolichopterus macrocheirus* Hall, 1859\* ..... S New York / Canada
82. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912 ..... S New York / Canada
- † ***Ruedemannipterus* Kjellesvig-Waering, 1966** ..... **Silurian**
83. *Ruedemannipterus stylonuroides* (Clarke & Ruedemann, 1912)\* ..... S Otisville, New York
- † **EURYPTERIDAE Burmeister, 1843** ..... **Silurian**
- † ***Eurypterus* de Kay, 1825** ..... **Silurian**
- = † *Baltoeurypterus* Størmer, 1973
84. ?*Eurypterus cephalaspis* Salter, 1856 ..... S Herefordshire, Engl.
85. *Eurypterus dekayi* 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 ornatus* Leutze, 1958 ..... S Fayette, Ohio

94. *Eurypterus pittsfordensis* Sarle, 1903 ..... S Pittsford, New York
95. *Eurypterus quebecensis* Kjellesvig-Waering, 1958 ..... S Québec, Canada
96. *Eurypterus remipes* DeKay, 1825\* ..... S New York / Ontario  
     i. = *Carcinosoma trigona* (Ruedemann, 1916)..... S New York
97. *Eurypterus serratus* (Jones & Woodward, 1888) ..... S Gotland, Sweden
98. *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**
99. *Erieopterus eriensis* (Whitfield, 1882)..... S Ohio
100. *Erieopterus hypsophthalmus* Kjellesvig-Waering, 1958..... S Ohio
101. ?*Erieopterus laticeps* (Schmidt, 1883) ..... S Saaremaa, Ringerike
102. ?*Erieopterus limuloides* (Kjellesvig-Waering, 1948a) ..... S Kokomo, Indiana
103. *Erieopterus microphthalmus* (Hall, 1859)\* ..... D New York / Canada
104. ?*Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
105. ?*Erieopterus statzi* Størmer, 1936a ..... D Siegburg, Germany
106. ?*Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 ..... S Michigan
- † **STROBILOPTERIDAE Lamsdell & Selden, 2013** ..... **Silurian – Devonian**
- † ***Buffalopterus* Kjellesvig-Waering & Heubusch, 1962** ..... **Silurian**
107. *Buffalopterus pustulosus* (Hall, 1859)\* ..... S New York / Ontario  
     i. = *Eurypterus giganteus* Pohlman, 1882..... S New York / Ontario  
     ii. = *Pterygotus globicaudatus* Pohlman, 1882..... S New York / Ontario
- † ***Strobilopterus* Ruedemann, 1935** ..... **Silurian – Devonian**  
     = † *Syntomopterus* Kjellesvig-Waering, 1961 [preoccupied]  
     = † *Syntomopterella* Tetlie, 2007 [replacement name]
108. *Strobilopterus laticeps* (Schmidt, 1883) ..... S Saaremaa, Estonia  
     i. = *Dolichopterus stoermeri* Caster & Kjellesvig-Waering,  
         1956 ..... S Saaremaa, Estonia
109. *Strobilopterus princetonii* (Ruedemann, 1934)\* ..... D Wyoming, USA  
     i. = *Erieopterus latus* Ruedemann, 1935 ..... D Wyoming, USA
110. *Strobilopterus proteus* Lamsdell & Selden, 2013 ..... D Wyoming, USA
111. *Strobilopterus richardsoni* (Kjellesvig-Waering, 1961a\*) ..... D Ohio
- † **DIPLOPERCULATA Lamsdell, Hoşgör & Selden, 2013** ..... **Ordovician – Devonian**
- † **MIXOPTEROIDEA Caster & Kjellesvig-Waering, 1955** ..... **Ordovician – Devonian**
- † **CARCINOSOMATIDAE Størmer, 1934b** ..... **Ordovician – Devonian**
- † ***Carcinosoma* Claypole, 1890b** ..... **Silurian**  
     = † *Eurysoma* Claypole, 1890a [preoccupied]
112. ?*Carcinosoma harleyi* Kjellesvig-Waering, 1961b ..... S England

113. *Carcinosoma libertyi* Copeland & Bolton, 1960 ..... S Manitoulin I., Canada
114. *Carcinosoma newlini* (Claypole, 1890a)\* ..... S Kokomo, Indiana  
     i. = *Carcinosoma ingens* Claypole, 1894 ..... S Kokomo, Indiana
115. ?*Carcinosoma punctatum* (Salter in Huxley & Salter, 1859) ..... S England
116. *Carcinosoma scorioides* (Woodward, 1868)..... S Lesmahagow  
     i. = *Pterygotus raniceps* Woodward, 1868 .....S Lesmahagow
117. *Carcinosoma scoticus* (Laurie, 1899)..... S Pentland Hills, Scotl.
118. ?*Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 ..... S Pittsford, New York
- † ***Eocarcinosoma* Caster & Kjellesvig-Waering, 1964** ..... **Ordovician**
119. *Eocarcinosoma batrachophthalmus* Caster & Kjellesvig-Waering,  
         1964\* ..... O Ohio
- † ***Eusarcana* Strand, 1942**.....**Silurian – Devonian**  
     = † *Eusarcus* Grote & Pitt, 1875 [preoccupied]  
     = † *Paracarcinosoma* Caster & Kjellesvig-Waering, 1964
120. *Eusarcana acrocephalus* (Semper, 1898)..... S–D Barrandian area
121. *Eusarcana obesus* (Woodward, 1868)..... S Lesmahagow
122. *Eusarcana scorpionis* (Grote & Pitt, 1875)\*..... S New York / Ontario
- † ***Rhinocarcinosoma* Novojilov, 1962** ..... **Silurian**
123. *Rhinocarcinosoma cicero* (Clarke, 1907) ..... S Otisville, New York
124. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 .... S Dô Son, Vietnam
125. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)\* ..... S Clinton, New York
- † **MIXOPTERIDAE Caster & Kjellesvig-Waering, 1955** ..... **Silurian**  
     = † LANARKOPTERIDAE Tollerton, 1989
- † ***Lanarkopterus* Ritchie, 1968** ..... **Silurian**
126. *Lanarkopterus dolichoschelus* (Størmer, 1936b)\* ..... S Scotland
- † ***Mixopterus* Ruedemann, 1921** ..... **Silurian**
127. *Mixopterus kiaeri* Størmer, 1934b ..... S Ringerike, Norway
128. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)\* ..... S New York
129. *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**
130. *Grossopterus overathi* (Gross, 1933)\* ..... D Overath
131. *Grossopterus inexpectans* (Ruedemann, 1921) ..... D Gilboa
- † ***Orcanopterus* Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** ..... **Ordovician**
132. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser  
         & Devereux, 2005\* ..... O Manitoulin I., Canada
- † ***Waeringopterus* Leutze, 1961** ..... **Silurian**
133. *Waeringopterus apfeli* Leutze, 1961 ..... S New York / Ontario

134. *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
135. *Adelophthalmus approximatus* (Hall & Clarke, 1888) ..... C Pennsylvania, USA  
 136. *Adelophthalmus asturica* (Melendez, 1971) ..... C d'Ablana, Spain  
 137. *Adelophthalmus bradorensis* (Bell, 1922) ..... C N. Campbelltown  
 138. *Adelophthalmus cambieri* (Pruvost, 1930) ..... C Charleroi, Belgium  
 139. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) ..... C Donetsk, Ukraine  
 140. *Adelophthalmus chinensis* (Grabau, 1920) ..... C–P Zhaoezhuang  
 141. *Adelophthalmus corneti* (Pruvost, 1939) ..... C Quaregnon, Belgium  
 142. *Adelophthalmus douvillei* (de Lima, 1890) ..... P Bussaco, Portugal  
 143. *Adelophthalmus dumonti* (Stainier, 1917) ..... C Mechelen-sur-Meuse  
 144. *Adelophthalmus granosus* Jordan *in* Jordan & von Meyer, 1854\* ..... C Saarbrücken, Germ.  
 145. *Adelophthalmus imhofi* (Reuss, 1855) ..... C Vlkys, Czech Rep.  
 146. *Adelophthalmus irinae* Shpinev, 2006 ..... C Krasnoyarsk, Russia  
 147. *Adelophthalmus kidstoni* (Peach, 1888) ..... C Radstock, England  
 148. ?*Adelophthalmus lohesti* (Dewalque *in* Fraipont 1889) ..... D Pont de Bonne, Belg.  
 149. *Adelophthalmus luceroensis* Kues & Kietzke, 1981 ..... P New Mexico  
 150. *Adelophthalmus mansfieldi* (Hall, 1877) ..... C Pennsylvania  
     i. = *Eurypterus stylus* Hall, 1884 ..... C Pennsylvania  
 151. *Adelophthalmus mazonensis* (Meek & Worthen, 1868) ..... C Illinois  
 152. *Adelophthalmus moyseyi* (Woodward, 1907a) ..... C Ilkeston, Blaengarw  
     i. = *Eurypterus derbiensis* Woodward, 1907a ..... C Ilkeston, England  
 153. *Adelophthalmus nebraskensis* (Barbour, 1914) ..... P Nebraska  
 154. *Adelophthalmus pennsylvanicus* (Hall, 1877) ..... C Pennsylvania  
 155. ?*Adelophthalmus perornatus* (Peach, 1882) ..... C Glencarholm, Scotl.  
 156. *Adelophthalmus pruvosti* Kjellesvig-Waering, 1948b ..... C Lens, France  
 157. *Adelophthalmus piussii* Lamsdell, Simonetto & Selden 2013 ..... C Carnic Alps, Italy  
 158. ?*Adelophthalmus raniceps* Goldenberg, 1873 ..... C Saarbrücken, Germ.  
 159. *Adelophthalmus sellardsi* (Dunbar, 1924) ..... P Elmo, Kansas  
 160. *Adelophthalmus sievertsi* (Størmer, 1969) ..... D Willwerath, Germ.  
     i. = ?*Eurypterus trapezoides* Størmer, 1974 ..... D Nellenköpfchen, Ger.  
 161. *Adelophthalmus waterstoni* (Tetlie *et al.*, 2004) ..... D Kimberley, Australia  
 162. *Adelophthalmus wilsoni* (Woodward, 1888) ..... C Radstock, England  
 163. *Adelophthalmus zadrai* Přibyl, 1952 ..... C Moravo-Silesia



- † **Bassipterus** Kjellesvig-Waering & Leutze, 1966 ..... **Silurian**  
 164. *Bassipterus virginicus* Kjellesvig-Waering & Leutze, 1966\* ..... S Bass, West Virginia
- † **Esyslopterus** Tetlie & Poschmann, 2008 ..... **Silurian**  
 165. *Esyslopterus patteni* (Størmer, 1934d) ..... S Saaremaa, Estonia
- † **Nanahughmilleria** Kjellesvig-Waering, 1961b ..... **Silurian – Devonian**  
 166. *Nanahughmilleria clarkei* Kjellesvig-Waering, 1964b ..... S Otisville, New York  
 167. *Nanahughmilleria norvegica* (Kiær, 1911)\* ..... S Ringerike, Norway  
     i. = *Eurypterus minutus* Kiær, 1911 ..... S Ringerike, Norway  
 168. *Nanahughmilleria notosiberica* Shpinev, 2012 ..... D Krasnoyarsk, Siberia  
 169. ?*Nanahughmilleria prominens* (Hall, 1884b) ..... S Cayuga, New York  
 170. *Nanahughmilleria pygmaea* (Salter, 1859) ..... S Herefordshire, Engl.  
 171. ?*Nanahughmilleria schiraensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia
- † **Parahughmilleria** Kjellesvig-Waering, 1961b ..... **Silurian – Devonian**  
 172. *Parahughmilleria bellistriata* (Kjellesvig-Waering, 1950a) ..... S West Virginia  
 173. *Parahughmilleria hefteri* Størmer, 1973 ..... D Rhenish Massif, Ge.  
 174. *Parahughmilleria longa* Shpiney, 2012 ..... D Lake Shunet, Siberia  
 175. *Parahughmilleria maria* (Clarke, 1907) ..... S New York  
 176. *Parahughmilleria matarakensis* (Pirozhnikov, 1957) ..... D Khakassia, Russia  
 177. *Parahughmilleria salteri* Kjellesvig-Waering, 1961b\* ..... S Herefordshire, Engl.
- † **Pittsfordipterus** Kjellesvig-Waering & Leutze, 1966 ..... **Silurian**  
 178. *Pittsfordipterus phelpsae* (Ruedemann, 1921)\* ..... S Pittsford, New York
- † **PTERYGOTIOIDEA** Clarke & Ruedemann, 1912 ..... **Silurian – Devonian**
- † **HUGHMILLERIIDAE** Kjellesvig-Waering, 1951 ..... **Silurian**
- † **Herefordopterus** Tetlie, 2006b ..... **Silurian**  
 179. *Herefordopterus banksii* (Salter, 1856)\* ..... S Herefordshire, Engl.  
     i. = *Eurypterus acuminatus* Salter, 1859a ..... S Herefordshire, Engl.
- † **Hughmilleria** Sarle, 1903 ..... **Silurian**  
 180. *Hughmilleria shawangunk* Clarke, 1907 ..... S eastern USA  
 181. *Hughmilleria socialis* Sarle, 1903\* ..... S Pittsford, New York  
     i. = *Hughmilleria robusta* Sarle, 1903 ..... S Pittsford, New York  
 182. *Hughmilleria wangi* Tetlie, Selden & Ren, 2007 ..... S Hunan, China
- † **SLIMONIDAE** Novojilov, 1968 ..... **Silurian**
- † **Salteropterus** Kjellesvig-Waering, 1951 ..... **Silurian**  
 183. *Salteropterus abbreviatus* (Salter, 1859)\* ..... S Herefordshire, Engl.
- † **Slimonia** Page, 1856 ..... **Silurian**  
 184. *Slimonia acuminata* Salter, 1856\* ..... S Lesmahagow  
     i. = *Himantopterus maximus* Salter, 1856 ..... S Lesmahagow  
 185. *Slimonia boliviana* Kjellesvig-Waering, 1973 ..... S Cochambamba, Bol.  
 186. *Slimonia dubia* Laurie, 1899 ..... S Pentland Hills, Scotl.

- † **PTERYGOTIDAE Clarke & Ruedemann, 1912** ..... **Silurian – Devonian**  
 = † JAEKELOPTERIDAE Størmer, 1974
- † **Acutiramus Ruedemann, 1935** ..... **Silurian – Devonian**
187. *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
188. *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
189. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York
190. *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
191. *Acutiramus perneri* Chlupáč, 1994 ..... D Barrandian area
192. *Acutiramus perryensis* Leutze, 1958 ..... S Ohio
193. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 ..... S? Florida
- † **Ciurcopteris Tetlie & Briggs, 2009** ..... **Silurian**
194. *Ciurcopteris sarlei* (Ciurca & Tetlie, 2007) ..... S Pittsford, New York
195. *Ciurcopteris ventricosus* (Kjellesvig-Waering, 1948a)\* ..... S Kokomo, Indiana
- † **Erettopteris Salter in Huxley & Salter, 1859** ..... **Silurian – Devonian**  
 = † *Truncatiramus* Kjellesvig-Waering, 1961b
196. *Erettopteris bilobus* (Salter, 1856)\* ..... S Lesmahagow  
 i. = *Eurypterus perornatus* Salter, 1856 ..... S Lesmahagow  
 ii. = *Pterygotus bilobus* var. *acidens* Woodward, 1878 ..... S Lesmahagow  
 iii. = *Pterygotus bilobus* var. *crassus* Woodward, 1878 ..... S Lesmahagow  
 iv. = *Pterygotus bilobus* var. *inornatus* Woodward, 1878... S Lesmahagow  
 v. = *Pterygotus bilobus* var. *perornatus* Woodward, 1878. S Lesmahagow  
 vi. = *Pterygotus perornatus* var. *plicatissimus* Salter in  
 Huxley & Salter, 1859 ..... S Lesmahagow
197. *Erettopteris brodiei* Kjellesvig-Waering, 1961b ..... S Herefordshire, Engl.
198. *Erettopteris canadensis* (Dawson, 1879) ..... S Ontario, Canada
199. *Erettopteris exophthalmus* Kjellesvig-Waering & Leutze, 1966 ..... S Bass, West Virginia
200. *Erettopteris gigas* Salter in Huxley & Salter, 1859 ..... S Herefordshire, Engl.
201. *Erettopteris globiceps* Clarke & Ruedemann, 1912 ..... S eastern USA
202. *Erettopteris grandis* Pohlman, 1881 ..... S New York
203. *Erettopteris holmi* (Størmer, 1934b) ..... S Ringerike, Norway
204. *Erettopteris laticauda* Schmidt, 1883 ..... S Saaremaa, Estonia

205. *Erettopterus marstoni* Kjellesvig-Waering, 1961*b* ..... S England
206. *Erettopterus megalodon* Kjellesvig-Waering, 1961*b* ..... S England
207. *Erettopterus osiliensis* Schmidt, 1883 ..... S Saaremaa, Estonia
208. *Erettopterus saetiger* Kjellesvig-Waering, 1964*a* ..... S Pennsylvania
209. *Erettopterus serratus* Kjellesvig-Waering, 1961*b* ..... D Ohio
210. *Erettopterus spatulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
211. ?*Erettopterus vogti* Størmer, 1934*a* ..... D Spitsbergen
212. *Erettopterus waylandsmithi* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York
- † **Jaekelopterus Waterston, 1964** ..... **Devonian**
213. *Jaekelopterus howelli* Kjellesvig-Waering & Størmer, 1952 ..... D Wyoming
- i. = *Pterygotus mcgrewi* Kjellesvig-Waering & Richardson  
    *In* Kjellesvig-Waering (1986) [*nomen nudum*] ..... D Wyoming
214. *Jaekelopterus rhenaniae* (Jaekel, 1914)\* ..... D Rhenish Massif, Ger.
- † **Necrogammarus Woodward, 1870** ..... **Silurian**
215. *Necrogammarus salweyi* Woodward, 1870 ..... S Herefordshire, Engl.
- † **Pterygotus Agassiz, 1839** ..... **Silurian – Devonian**
- = † *Curviramus* Reudemann, 1935
216. *Pterygotus anglicus* Agassiz, 1844\* ..... D Scotland, Canada
- i. = *Pterygotus atlanticus* Clarke & Ruedemann, 1912 ..... D New Brunswick, Can.
- ii. = *Pterygotus minor* Woodward, 1864 ..... D Scotland
217. *Pterygotus arcuatus* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
218. ?*Pterygotus australis* McCoy, 1899 ..... S Melbourne, Australia
219. *Pterygotus barrandei* Semper, 1898 ..... S Barrandian area
- i. = *Pterygotus beraunensis* Semper, 1898 ..... S Barrandian area
220. *Pterygotus bolivianus* Kjellesvig-Waering, 1964*a* ..... D Belen, Bolivia
221. *Pterygotus carmani* Kjellesvig-Waering, 1961 ..... D Ohio
222. *Pterygotus cobbi* Hall, 1859 ..... S New York / Canada
223. *Pterygotus denticulatus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
224. *Pterygotus floridanus* Kjellesvig-Waering, 1950*b* ..... D Florida
225. *Pterygotus gaspensis* Russell, 1953 ..... D Québec, Canada
226. ?*Pterygotus grandidentatus* Kjellesvig-Waering, 1961*b* ..... S England
227. ?*Pterygotus impacatus* Kjellesvig-Waering, 1964*a* ..... S Saaremaa, Estonia
228. *Pterygotus kopaninensis* Barrande, 1872 ..... S Barrandian area, Cz.
229. *Pterygotus lanarkensis* Kjellesvig-Waering, 1964*a* ..... S Lesmahagow, Scotl.
230. *Pterygotus lightbodyi* Kjellesvig-Waering, 1961*b* ..... S England
231. *Pterygotus ludensis* Salter *in* Huxley & Salter, 1859 ..... S Herefordshire, Engl.
232. *Pterygotus marylandicus* Kjellesvig-Waering, 1964*a* ..... S Maryland
233. *Pterygotus monroensis* Sarle 1902 ..... S New York
- EURYPTERIDA *incertae sedis*
- † **Clarkeipterus Kjellesvig-Waering, 1966 [a/b?]** ..... **Silurian**
234. *Clarkeipterus ?otisius* (Clarke, 1907) ..... S eastern USA

235. *Clarkeipterus testudineus* (Clarke & Ruedeman, 1912)\* ..... S New York
- † **Dorfopterus Kjellesvig-Waering, 1955** ..... **Devonian**
236. *Dorfopterus angusticollis* Kjellesvig-Waering, 1955\* ..... D Wyoming
- † **?Dolichopterus**
237. ?*Dolichopterus asperatus* Kjellesvig-Waering, 1961 [a/b?] ..... D Ohio
238. ?*Dolichopterus bulbosus* Kjellesvig-Waering, 1961*b* ..... S Herefordshire, Engl.
239. ?*Dolichopterus herkimerensis* Caster & Kjellesvig-Waering, 1956 ..... S New York / Canada
- † **?Eurypterus**
240. ?*Eurypterus loi* Chang, 1957 [non eurypterid?] ..... S Hubei, China
241. ?*Eurypterus podolicus* Chernyshev, 1947 ..... S Ukraine
242. ?*Eurypterus satpaei* Simorin, 1956 ..... C Karaganda, Kazakh.
243. ?*Eurypterus styliformis* Chang, 1957 [non eurypterid?] ..... S Hubei, China
244. ?*Eurypterus tschernyschevi* Simorin, 1956 ..... C Karaganda, Kazakh.
245. ?*Eurypterus yangi* Chang, 1957 [non eurypterid?] ..... S Hubei, China
- † **Holmipterus Kjellesvig-Waering, 1979** ..... **Silurian**
246. *Holmipterus suecicus* Kjellesvig-Waering, 1979 ..... S Gotland, Sweden
- † **Marsupipterus Caster & Kjellesvig-Waering, 1955** ..... **Silurian**
247. *Marsupipterus sculpturatus* Caster & Kjellesvig-Waering, 1955\* ..... S Herefordshire, Engl.
- † **?Nanahughmilleria**
248. ?*Nanahughmilleria lanceolata* Salter, 1856 ..... S Lesmahagow
- i. = *Eurypterus chartarius* Salter, 1859 ..... S Lesmahagow
- ii. = *Eurypterus linearis* Salter, 1859 ..... S Lesmahagow
- † **?Salteropterus**
249. ?*Salteropterus longilabium* Kjellesvig-Waering, 1961*b* ..... S Welsh Borderlands
- † **?Stylonurus**
250. ?*Stylonurus perspicillum* Størmer, 1969 ..... D Willwerath, Germany
- † **Unionopterus Chernyshev, 1948** ..... **Carboniferous**
251. *Unionopterus anastasiae* Chernyshev, 1948\* ..... C Kazakhstan

#### NOMINA DUBIA

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

## NOMINA NUDA

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

## NOMINA VANA

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

## MISIDENTIFICATIONS

1. *Buffalopterus verrucosus* Kjellesvig-Waering & Heubusch, 1962 [crustacean] ... O New York
2. *Carcinosoma ?logani* (Williams, 1915) [crustacean] ..... S Ontario, Canada
3. *Eurypterus (Stylonurus?) macCarthyi* Kjellesvig-Waering, 1934 [cephalopod] ... D Ludlowville, New York
4. *Eurypterus pugio* Barrande, 1872 [crustacean] ..... S Barrandian area
5. *Eurypterus thomasi* Walter, 1924 [aglaspidid] ..... C Wisconsin
6. *Kockurus grandis* Chlupáč, 1995 [?aglaspidid] ..... C central Bohemia
7. *Kodymirus vagans* Chlupáč & Havlíček, 1965 [?aglaspidid] ..... C central Bohemia
8. *Mazonipterus cyclophthalmus* Kjellesvig-Waering, 1963b [plant] ..... C Mazon Creek
9. *Melbournopterus crossotus* Caster & Kjellesvig-Waering, 1953 [brachiopod] ... S Melbourne, Australia
10. *Pterygotus expectatus* Barrande, 1872 [crustacean] ..... S Barrandian area
11. *Pterygotus (Curviramus) elleri* Ruedemann, 1935 [crustacean] ..... D New York
12. *Pterygotus (Curviramus) montanensis* Ruedemann, 1935 [crustacean] ..... D Montana
13. *Pterygotus (Leptocheles) leptodactylum* M'Coy, 1849 [crustacean] ..... S Herefordshire, Engl.

## PSEUDOFOSILS

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

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

no Recent species

# SCORPIONES

118 currently valid species of fossil scorpion

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

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



20. *Garnettius hungerfordi* (Elias, 1936)\* ..... C Garnett, Kansas
- † **GIGANTOSCORPIONOIDEA Kjellesvig-Waering, 1986** ..... **Devonian – Carbon.**
- † **GIGANTOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Devonian – Carbon.**  
     = † PETALOSCORPIONIDAE Kjellesvig-Waering, 1986
- † ***Gigantoscopus* Størmer, 1963** ..... **Carboniferous**  
     21. *Gigantoscopus willsi* Størmer, 1963\* ..... C Glencartholm
- † ***Petaloscopus* Kjellesvig-Waering, 1986** ..... **Devonian**  
     22. *Petaloscopus bureauui* Kjellesvig-Waering, 1986\* ..... D Miguasha, Quebec
- † **MESOPHONOIDEA Wills, 1910** ..... **Carbon. – Triassic**
- † **CENTROMACHIDAE Petrunkevitch, 1953** ..... **Carboniferous**  
     = † ANTHRACOCOAERILIDAE Kjellesvig-Waering, 1986  
     = † PHOXISCORPIONIDAE Kjellesvig-Waering, 1986
- † ***Anthracochaerilus* Kjellesvig-Waering, 1986** ..... **Carboniferous**  
     23. *Anthracochaerilus palustris* Kjellesvig-Waering, 1986\* ..... C Glencartholm
- † ***Centromachus* Thorell & Lindström, 1885** ..... **Carboniferous**  
     24. *Centromachus euglyptus* (Peach, 1883)\* ..... C Glencartholm
- † ***Phoxiscopus* Kjellesvig-Waering, 1986** ..... **Carboniferous**  
     25. *Phoxiscopus peachi* Kjellesvig-Waering, 1986\* ..... C Dalmeny, Edinburgh
- † ***Pulmonoscorpium* Jeram, 1994a** ..... **Carboniferous**  
     26. *Pulmonoscorpium kirktonensis* Jeram, 1994a\* ..... C East Kirkton
- † **GALLIOSCORPIONIDAE Lourenço & Gall, 2004** ..... **Triassic**
- † ***Gallioscorpium* Lourenço & Gall, 2004** ..... **Triassic**  
     27. *Gallioscorpium voltzi* Lourenço & Gall, 2004\* ..... Tr Vosges, France
- † **HELOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**
- † ***Heloscorpium* Kjellesvig-Waering, 1986** ..... **Carboniferous**  
     28. *Heloscorpium sutcliffei* (Woodward, 1907b)\* ..... C Sparth Bottoms
- † **MAZONIIDAE Petrunkevitch, 1913** ..... **Carboniferous**
- † ***Mazonia* Meek & Worthen, 1868b** ..... **Carboniferous**  
     29. *Mazonia wardingleyi* (Woodward, 1907b) ..... C Sparth Bottoms  
     30. *Mazonia woodiana* Meek & Worthen, 1868b\* ..... C Mazon Creek
- † **MESOPHONIDAE Wills, 1910** ..... **Triassic**
- † ***Mesophonus* Wills, 1910** ..... **Triassic**  
     31. *Mesophonus perornatus* Wills, 1910\* ..... Tr Keuper sandstone  
         i. = *Mesophonus opisthophthalmus* Wills, 1947 ..... Tr Keuper sandstone  
     32. ?*Mesophonus pulcherrimus* Wills, 1910 ..... Tr Keuper sandstone  
     33. ?*Mesophonus pulcherrimus immaculatus* Wills, 1947 ..... Tr Keuper sandstone

- † **WILLSISCORPIONIDAE** Kjellesvig-Waering, 1986 ..... **Triassic**
- † *Willsiscorpio* Kjellesvig-Waering, 1986 ..... **Triassic**
34. *Willsiscorpio bromsgroviensis* (Wills, 1910)\* ..... Tr Keuper sandstone
- † **PALAEOSCORPOIDEA** Lehmann, 1944 ..... **Devonian – Triassic**
- † **PALAEOSCORPIONIDAE** Lehmann, 1944 ..... **Devonian**
- † *Palaeoscorpio* Lehmann, 1944 ..... **Devonian**
35. *Palaeoscorpius devonicus* Lehmann, 1944\* ..... D Hünsruckschiefer
- [NB: Kühl *et al.* (2012) simply list the genus unplaced under Protoscorpionina.]
- † **SPONGIOPHONOIDEA** Kjellesvig-Waering, 1986 ..... **Devonian –Triassic**
- † **PRAERCTURIDAE** Kjellesvig-Waering, 1986 ..... **Devonian**
- † *Praearcturus* Woodward, 1871a ..... **Devonian**
36. *Praearcturus gigas* Woodward, 1871a\* ..... D Rowlestone
- † **SPONGIOPHONIDAE** Kjellesvig-Waering, 1986 ..... **Triassic**
- † *Spongiophonus* Wills, 1947 ..... **Triassic**
37. *Spongiophonus pustulosus* Wills, 1947\* ..... Tr Keuper sandstone
- † **MERISTOSTERNINA** Kjellesvig-Waering, 1986 ..... **Carboniferous**
- † **CYCLOPHTHALMOIDEA** Thorell & Lindström, 1885 ..... **Carboniferous**
- † **CYCLOPHTHALMIDAE** Thorell & Lindström, 1885 ..... **Carboniferous**
- † *Cyclophthalmus* Corda, 1835 ..... **Carboniferous**
38. *Cyclophthalmus senior* Corda, 1835\* ..... C Cholme
39. *Cyclophthalmus robustus* Kjellesvig-Waering, 1986 ..... C Coseley
40. ?*Cyclophthalmus sibiricus* Novojilov & Størmer, 1963 ..... C Kemerov Region
- † **MICROLABIIDAE** Kjellesvig-Waering, 1986 ..... **Carboniferous**
- † *Microlabis* Corda, 1839 ..... **Carboniferous**
41. *Microlabis sternbergii* Corda, 1839\* ..... C Cholme
- † **PALAEOBUTHOIDEA** Kjellesvig-Waering, 1986 ..... **Carboniferous**
- † **PALAEOBUTHIDAE** Kjellesvig-Waering, 1986 ..... **Carboniferous**
- † *Palaeobuthus* Petrunkevitch, 1913 ..... **Carboniferous**
- = † *Mazoniscorpio* Wills, 1960
42. *Palaeobuthus distinctus* Petrunkevitch, 1913\* ..... C Mazon Creek
- i. = *Mazoniscorpio mazonensis* Wills, 1960 ..... C Mazon Creek
- † **LOBOSTERNINA** Pocock, 1911 ..... **Silurian – Carbon.**
- † **ISOBUTHOIDEA** Petrunkevitch, 1913 ..... **Carboniferous**
- † **EOBUTHIDAE** Kjellesvig-Waering, 1986 ..... **Carboniferous**

- † **Eobuthus Frič, 1904** ..... **Carboniferous**
43. *Eobuthus cordai* Kjellesvig-Waering, 1986 ..... C Kralupy Hill
44. *Eobuthus holti* Pocock, 1911 ..... C Sparth Bottoms
45. *Eobuthus rakovnicensis* Frič, 1904\* ..... C Rakovník
- † **EOSCORPIIDAE Scudder, 1884** ..... **Carboniferous**
- † **Eoscorpium Meek & Worthen, 1868a** ..... **Carboniferous**
- = † *Alloscorpium* Petrunkevitch, 1949
- = † *Europhthalmus* Petrunkevitch, 1949
- = † *Lichnophthalmus* Petrunkevitch, 1949
- = † *Trigonoscorpium* Petrunkevitch, 1913
- = † *Typhloscorpium* Petrunkevitch, 1949
46. *Eoscorpium bornaensis* Sterzel, 1918 ..... C Chemnitz–Borna
47. *Eoscorpium carbonarius* Meek & Worthen, 1868a\* ..... C Mazon Creek
- i. = *Eoscorpium typicus* Petrunkevitch, 1913 ..... C Mazon Creek
- ii. = *Eoscorpium granulatus* Petrunkevitch, 1913 ..... C Mazon Creek
- iii. = *Trigonoscorpium americanus* Petrunkevitch, 1913 ..... C Mazon Creek
48. *Eoscorpium casei* Kjellesvig-Waering, 1986 ..... C Nova Scotia
49. *Eoscorpium distinctus* (Petrunkevitch, 1949) ..... C Coseley
50. *Eoscorpium mucronatus* Kjellesvig-Waering, 1986 ..... C Barnsley
51. *Eoscorpium pulcher* (Petrunkevitch, 1949) ..... C Barnsley
- i. = *Europhthalmus longimanus* Petrunkevitch, 1949 ..... C Barnsley
52. *Eoscorpium sparthenensis* Baldwin & Sutcliffe, 1904 ..... C Sparth Bottoms
- † **Eskioscorpium Kjellesvig-Waering, 1986** ..... **Carboniferous**
53. *Eskioscorpium parvum* Kjellesvig-Waering, 1986\* ..... C Glencartholm
- † **Trachyscorpium Kjellesvig-Waering, 1986** ..... **Carboniferous**
54. *Trachyscorpium squarrosus* Kjellesvig-Waering, 1986\* ..... C Fouldon
- † **ISOBUTHIDAE Petrunkevitch, 1913** ..... **Carbon. – Triassic**
- † **Boreoscorpium Kjellesvig-Waering, 1986** ..... **Carboniferous**
55. *Boreoscorpium copelandi* Kjellesvig-Waering, 1986\* ..... C Nova Scotia
- † **Bromsgroviscorpium Kjellesvig-Waering, 1986** ..... **Triassic**
56. *Bromsgroviscorpium willsi* Kjellesvig-Waering, 1986\* ..... Tr Keuper sandstone
- † **Feistmantelia Frič, 1904** ..... **Carboniferous**
57. *Feistmantelia ornata* Frič, 1904\* ..... C Studnoves
- † **Isobuthus Frič, 1904** ..... **Carboniferous**
58. *Isobuthus kralupensis* (Thorell & Lindström, 1885)\* ..... C Kralup
59. ?*Isobuthus nyransensis* Frič, 1904 ..... C Nýřany
- † **KRONOSCORPIONIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**
- † **Kronoscorpium Kjellesvig-Waering, 1986** ..... **Carboniferous**
60. *Kronoscorpium danielsi* (Petrunkevitch, 1913)\* ..... C Mazon Creek

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

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

*Orthosternina incertae sedis*

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

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

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

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

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

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

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

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

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

family uncertain

† ***Compsoscorpium* Petrunkevitch 1949** ..... **Carboniferous**

= † *Allobuthiscorpium* Kjellevig-Waering, 1986

= † *Coseleyscorpium* Kjellevig-Waering, 1986

= † *Leioscorpium* Kjellevig-Waering, 1986

= † *Lichnoscorpium* Petrunkevitch, 1949

= † *Pseudobuthiscorpium* Kjellevig-Waering, 1986

= † *Typhlopisthacanthus* Petrunkevitch, 1949

79. *Compsoscorpium buthiformis* (Pocock, 1911)\* ..... C Coal Measures

i. = *Typhlopisthacanthus anglicus* Petrunkevitch, 1949 ... C Coseley

ii. = *Lichnoscorpium minutus* Petrunkevitch, 1949 ..... C Coseley

iii. = *Compsoscorpium elegans* Petrunkevitch 1949 ..... C Coseley

iv. = *Compsoscorpium elongatus* Petrunkevitch, 1949 ..... C Coseley

v. = *Buthiscorpium major* Wills, 1960 ..... C Kilburn Coal

vi. = *Leioscorpium pseudobuthiformis* Kjellevig-Waering,  
1986 ..... C Coseley

vii. = *Pseudobuthiscorpium labiosus* Kjellevig-Waering,  
1986 ..... C Coseley

viii. = *Coseleyscorpium lanceolatus* Kjellevig-Waering, 1986 C Coseley

ix. = *Allobuthus macrostethus* Kjellevig-Waering, 1986 ....C Coseley

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

no fossil record

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

family uncertain

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

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

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

99. '*Tityus*' *eogenus* Menge, 1869 [presumably misplaced] ..... Pa Baltic amber
100. *Tityus geratus* Santiago-Blay & Poinar, 1988 ..... Ne Dominican amber
101. *Tityus (Brazilotityus) hartkorni* Lourenço, 2009b ..... Ne Dominican amber
- † ***Uintascorpio* Perry, 1995** ..... **Palaeogene**
102. *Uintascorpio halandrasorum* Perry, 1995\* ..... Pa Green River
- BUTHIDAE *incertae sedis***
103. '*Scorpio*' *schweiggeri* Holl, 1829 ..... Qt Copal [not amber!]
- BOTHRIURIDAE Simon, 1880** ..... **Recent**
- = TELEGONIDAE Peters, 1861 [based on a generic homonym]
- = ACANTHOCHIROIDAE Karsch, 1880b
- no fossil record
- CHACTOIDEA Pocock, 1893** ..... **Cretaceous – Recent**
- † **PALAEOEUSCORPIDAE Lourenço, 2003** ..... **Cretaceous**
- † ***Palaeoescorpius* Lourenço, 2003** ..... **Cretaceous**
104. *Palaeoescorpius gallicus* Lourenço, 2003\* ..... K French amber
- CHACTIDAE Pocock, 1893** ..... **Cretaceous – Recent**
- = BROTEIDAE Simon, 1879a [suppressed 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, 2005b ..... Qt Colombian copal
- AKRAVIDAE Levy, 2007** ..... **Recent**
- no fossil record
- CHAERILIDAE Pocock, 1893** ..... **Cretaceous – Recent**
- Electrochaerilus* Santiago-Blay *et al.*, 2004** ..... **Cretaceous**
107. *Electrochaerilus buckleyi* Santiago-Blay *et al.*, 2004 ..... K Myanmar amber
- DIPLOCENTRIDAE Karsch, 1880b** ..... **Recent**
- no fossil record
- EUSCORPIIDAE Laurie, 1896** ..... **Recent**
- no fossil record
- HETEROSCORPIONIDAE Kraepelin, 1905** ..... **Recent**
- no fossil record
- HEMISCORPIIDAE Pocock, 1893** ..... **Cretaceous – Recent**
- = ISCHNURIDAE Simon, 1879a

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



118. *Wattisonia coseleyensis* Wills, 1960 ..... C Coseley

#### MISIDENTIFICATIONS

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

c. 2,000 Recent species

# OPILIONES

34 currently valid species of fossil harvestman

<b>OPILIONES Sundevall, 1833</b> .....	<b>Devonian – Recent</b>
<b>CYPHOPHTHALMI Simon, 1879a (suborder)</b> .....	<b>Cretaceous – Recent</b>
<b>NEOGOVEIDAE Shear, 1980</b> .....	<b>Recent</b>
no fossil record	
<b>OGOVEIDAE Shear, 1980</b> .....	<b>Recent</b>
no fossil record	
<b>PETTALIDAE Shear, 1980</b> .....	<b>Recent</b>
no fossil record	
<b>SIRONIDAE Simon, 1879a</b> .....	<b>Palaeogene – Recent</b>
<b>Siro Latreille, 1796</b> .....	<b>Palaeogene – Recent</b>
1. <i>Siro balticus</i> Dunlop & Mitov, 2011 .....	Pa Baltic amber
2. <i>Siro platypedibus</i> Dunlop & Giribet, 2003 .....	Pa Bitterfeld amber
<b>STYLOCELLIDAE Hansen &amp; Sørensen, 1904</b> .....	<b>Cretaceous – Recent</b>
† <b>Palaeosiro Poinar, 2008</b> .....	<b>Cretaceous – Recent</b>
3. <i>Palaeosiro burmanicum</i> Poinar, 2008 .....	K Myanmar amber
NB: Originally described as a sironid, but regarded as a stylocellid by Giribet <i>et al.</i> (2012)	
<b>TROGLOSIRONIDAE Shear, 1993</b> .....	<b>Recent</b>
no fossil record	
<b>EUPNOI Hansen &amp; Sørensen, 1904 (suborder)</b> .....	<b>Devonian - Recent</b>
plesion taxa	
† <b>Eophalangium Dunlop, Anderson, Kerp &amp; Hass, 2004</b> .....	<b>Devonian</b>
4. <i>Eophalangium sheari</i> Dunlop, Anderson, Kerp & Hass, 2004* .....	D Rhynie chert
† <b>Brigantibunum Dunlop &amp; Anderson, 2005</b> .....	<b>Carboniferous</b>
5. <i>Brigantibunum listoni</i> Dunlop & Anderson, 2005* .....	C East Kirkton
† <b>Kustarachne Scudder, 1890b</b> .....	<b>Carboniferous</b>
6. <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
† <b>Macroglyion Garwood <i>et al.</i>, 2011</b> .....	<b>Carboniferous</b>

7. *Macrogyion cronus* Garwood *et al.* 2011\* ..... C Montceau-les-Mines
- CADDOIDEA Banks, 1893** ..... **Palaeogene – Recent**
- CADDIDAE Banks, 1893** ..... **Palaeogene – Recent**
- Caddo Banks, 1892a** ..... **Palaeogene – Recent**
8. *Caddo dentipalpus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
- PHALANGIOIDEA Latreille, 1802** ..... **Palaeogene – Recent**
- family uncertain
- † *Petrunkevitchiana* Mello-Leitão, 1937 [genus *incertae sedis*] ..... **Palaeogene**
9. *Petrunkevitchiana oculata* (Petrunkevitch, 1922)\* ..... Pa Florissant
- MONOScutIDAE Forster, 1948** ..... **Recent**
- no fossil record
- NEOPILIONIDAE Lawrence, 1931** ..... **Recent**
- no fossil record
- PHALANGIIDAE Latreille, 1802** ..... **Palaeogene – Recent**
- Dicranopalpus* Doleschall, 1852** ..... **Palaeogene – Recent**
10. *Dicranopalpus ramiger* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
- i. = *Opilio corniger* Menge, 1854 ..... Pa Baltic amber
- ii. = *Dicranopalpus palmnickensis* Roewer, 1939 ..... Pa Baltic amber
- † ***Stephanobunus* Dunlop & Mammitzsch, 2010** ..... **Palaeogene**
11. *Stephanobunus mitovi* Dunlop & Mammitzsch, 2010\* ..... Pa Baltic amber
- ?Phalangiidae**
12. *Opilio ovalis* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- [probably misplaced at genus level]
- SCLEROSOMATIDAE Simon, 1879a** ..... **Jurassic – Recent**
- † ***Amauropilio* Mello-Leitão, 1937** ..... **Palaeogene**
13. *Amauropilio atavus* (Cockerell, 1907) ..... Pa Florissant
14. *Amauropilio lacoei* (Petrunkevitch, 1922) ..... Pa Florissant
- Leiobunum* C. L. Koch, 1839a** ..... **Jurassic – Recent**
15. *Leiobunum longipes* Menge, 1854 ..... Pa Baltic amber
- i. = *Leiobunum saporum* Menge, 1854 [?*lapsus*] ..... Pa Baltic amber
- ii. = *Leiobunum inclusum* Roewer, 1939 ..... Pa Baltic amber
- † ***Mesobunus* Huang, Selden & Dunlop, 2009** ..... **Jurassic**
16. *Mesobunus dunlopi* Giribet, Tourhino, Shih & Ren, 2012 ..... J Daohugou
17. *Mesobunus martensi* Huang, Selden & Dunlop, 2009\* ..... J Daohugou

**Family uncertain**

- † ***Daohugopilio* Huang, Selden & Dunlop, 2009** ..... **Jurassic**  
 18. *Daohugopilio sheari* Huang, Selden & Dunlop, 2009\* ..... J Daohugou
- DYSPNOI Hansen & Sørensen, 1904 (suborder)** ..... **Carbon. – Recent**  
 family uncertain
- † ***Ameticos* Garwood *et al.*, 2011** ..... **Carboniferous**  
 19. *Ameticos scolos* Garwood *et al.* 2011\* ..... C Montceau-les-Mines
- † ***Echinopustulatus* Dunlop, 2004** ..... **Carboniferous**  
 20. *Echinopustulatus samuelnelsoni* Dunlop, 2004\* ..... C Missouri
- ISCHYROPSALIDOIDEA Simon, 1879a** ..... **Palaeogene – Recent**  
 Tentative assignment, family uncertain
- † ***Piankhi* Dunlop, Bartel & Mitov, 2012** ..... **Palaeogene**  
 21. *Piankhi steineri* Dunlop, Bartel & Mitov, 2012\* ..... Pa Baltic amber
- CERATOLASMATIDAE Shear, 1986** ..... **Recent**  
 no fossil record
- ISCHYROPSALIDIDAE Simon, 1879a** ..... **Recent**  
 no fossil record
- SABACONIDAE Dresco, 1970** ..... **Palaeogene – Recent**  
***Sabacon* Simon, 1879a** ..... **Palaeogene – Recent**  
 22. *Sabacon claviger* (Menge, 1854) ..... Pa Baltic amber  
     i. = *Sabacon bachofeni* Roewer, 1939 ..... Pa Baltic amber
- TROGULOIDEA Sundevall, 1833** ..... **Cretaceous – Recent**  
 [family uncertain; Shear (2010) suggested it is not an ortholasmatine, but may represent a new family]
- † ***Halitherses* Giribet & Dunlop, 2005** ..... **Cretaceous**  
 23. *Halitherses grimaldii* Giribet & Dunlop, 2005\* ..... K Myanmar amber
- DICRANOLASMATIDAE Simon, 1879a** ..... **Recent**  
 no fossil record
- † **EOTROGULIDAE Petrunkevitch, 1955a** ..... **Carboniferous**  
 † ***Eotrogulus* Thevenin, 1901** ..... **Carboniferous**  
 24. *Eotrogulus fayoli* Thevenin, 1901\* ..... C Commeny
- NEMASTOMATIDAE Simon, 1879a** ..... **Palaeogene – Recent**  
***Histicostoma* Kratochvíl, 1958** ..... **Palaeogene – Recent**  
 25. ?*Histicostoma tuberculatum* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
***Mitostoma* Roewer, 1951** ..... **Palaeogene – Recent**

26. ?*Mitostoma denticulatum* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
     i. = *Nemastoma succineum* Roewer, 1939 ..... Pa Baltic amber  
**Nemastoma C. L. Koch, 1836** ..... **Palaeogene – Recent**
27. ?*Nemastoma incertum* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **NEMASTOMOIDIDAE Petrunkevitch, 1955a** ..... **Carboniferous**  
 † *Nemastomoides* Thevenin, 1901 ..... **Carboniferous**  
     = † *Protopilio* Petrunkevitch, 1913
28. *Nemastomoides elaveris* Thevenin, 1901\* ..... C Commenry  
 29. *Nemastomoides longipes* (Petrunkevitch, 1913) ..... C Mazon Creek
- NIPPONOSALIDIDAE Martens, 1976** ..... **Recent**  
 no fossil record
- TROGULIDAE Sundevall, 1833** ..... **Palaeogene – Recent**  
*Trogulus* Latreille, 1802 ..... **Palaeogene – Recent**  
 30. *Trogulus longipes* Haupt, 1956 ..... Pa Geiseltal
- LANIATORES Thorell, 1876c (suborder)** ..... **Palaeogene – Recent**  
 family uncertain
- Philacarus* Sørensen, 1932 ..... **Neogene – Recent**  
 31. *Philacarus hispaniolensis* Cokendolpher & Poinar, 1992 ..... Ne Dominican amber
- INSIDIATORES Loman, 1900 (infraorder)** ..... **Palaeogene – Recent**  
**TRAVUNIOIDEA Absolon & Kratochvíl, 1932** ..... **Palaeogene – Recent**  
**CLADONYCHIDAE Hadži, 1935** ..... **Palaeogene – Recent**  
 † *Proholoscotolemon* Ubick & Dunlop, 2005 ..... **Palaeogene**  
 32. *Proholoscotolemon nemastomoides* (C. L. Koch & Berendt, 1854)\* ..... Pa Baltic amber  
     ? *Proholoscotolemon* sp. in Ubick & Dunlop (2005) ..... Pa Baltic amber
- PENTANYCHIDAE Briggs, 1971** ..... **Recent**  
 no fossil record
- TRAVUNIIDAE Absolon & Kratochvíl, 1932** ..... **Recent**  
 no fossil record
- TRIAENONYCHOIDEA Sørensen, 1886** ..... **Recent**  
**SYNTHETONYCHIIDAE Forster, 1954** ..... **Recent**  
 no fossil record
- TRIAENONYCHIDAE Sørensen, 1886** ..... **Recent**  
 no fossil record

<b>GRASSATORES Kury, 2002 (infraorder)</b> .....	<b>Neogene – Recent</b>
<b>SAMOIDEA Sørensen, 1886</b> .....	<b>Neogene – Recent</b>
<b>BIANTIDAE Thorell, 1889</b> .....	<b>Recent</b>
no fossil record	
<b>ESCADABIIDAE Kury &amp; Pérez González in Kury, 2003</b> .....	<b>Recent</b>
no fossil record	
<b>KIMULIDAE Pérez González, Kury &amp; Alonso-Zarazaga in Pérez González &amp; Kury,</b>	
<b>2007</b> .....	<b>Neogene – Recent</b>
<i>Kimula</i> Goodnight & Goodnight, 1942 .....	<b>Neogene – Recent</b>
<i>Kimula</i> sp. in Cokendolpher & Poinar (1992) .....	Ne Dominican amber
<b>PODOCTIDAE Roewer, 1912</b> .....	<b>Recent</b>
no fossil record	
<b>SAMOIDEAE Sørensen, 1886</b> .....	<b>Neogene – Recent</b>
<i>Hummelinckiolus</i> Šilhavý, 1979 .....	<b>Neogene – Recent</b>
33. <i>Hummelinckiolus silhavyi</i> Cokendolpher & Poinar, 1998 .....	Ne Dominican amber
<i>Pellobunus</i> Banks, 1905 .....	<b>Neogene – Recent</b>
34. <i>Pellobunus proavus</i> Cokendolpher, 1987 .....	Ne Dominican amber
<b>STYGNOMMATIDAE Roewer, 1923</b> .....	<b>Recent</b>
no fossil record	
<b>ASSAMIOIDEA Sørensen, 1884</b> .....	<b>Recent</b>
<b>ASSAMIIDAE Sørensen, 1884</b> .....	<b>Recent</b>
no fossil record	
<b>EPEDANIDAE Sørensen, 1886</b> .....	<b>Recent</b>
no fossil record	
<b>PETROBUNIDAE Sharma &amp; Giribet, 2011</b> .....	<b>Recent</b>
no fossil record	
<b>PYRAMIDOPIIDAE Sharma, Prieto &amp; Giribet, 2011</b> .....	<b>Recent</b>
no fossil record	
<b>STYGNOPSIDAE Sørensen, 1932</b> .....	<b>Recent</b>
no fossil record	
<b>TITHAEIDAE Sharma &amp; Giribet, 2011</b> .....	<b>Recent</b>
no fossil record	

<b>GONYLEPTOIDEA</b> Sundevall, 1833 .....	<b>Recent</b>
<b>AGORISTENIDAE</b> Šilhavý, 1973 .....	<b>Recent</b>
no fossil record	
<b>COSMETIDAE</b> C. L. Koch, 1839a .....	<b>Recent</b>
no fossil record	
<b>CRANAIIDAE</b> Roewer, 1913 .....	<b>Recent</b>
no fossil record	
<b>GONYLEPTIDAE</b> Sundevall, 1833 .....	<b>Recent</b>
no fossil record	
<b>MANAOSBIIDAE</b> Roewer, 1943 .....	<b>Recent</b>
no fossil record	
<b>STYGNIDAE</b> Simon, 1879b .....	<b>Recent</b>
no fossil record	
<b>PHALANGODOIDEA</b> Simon, 1879a .....	<b>Recent</b>
<b>ONCOPODIDAE</b> Thorell, 1876c .....	<b>Recent</b>
no fossil record	
<b>PHALANGODIDAE</b> Simon, 1879a .....	<b>Recent</b>
no fossil record	
<b>ZALMOXOIDEA</b> Sørensen, 1886 .....	<b>Recent</b>
<b>FISSIPHALLIIDAE</b> Martens, 1988 .....	<b>Recent</b>
no fossil record	
<b>GUASINIIDAE</b> González-Sponga, 1997 .....	<b>Recent</b>
no fossil record	
<b>ICALEPTIDAE</b> Kury & Pérez González, 2002 .....	<b>Recent</b>
no fossil record	
<b>ZALMOXIDAE</b> Sørensen, 1886 .....	<b>Recent</b>
no fossil record	
<b>OPILIONES</b> <i>incertae sedis</i>	
unnamed specimen <i>in</i> Jell & Duncan (1986) .....	K Koonwarra

## NOMINA DUBIA

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

## MISIDENTIFICATIONS

1. *Hasseltides primigenius* Weyenbergh, 1869 [crinoid] ..... J Solnhofen
2. *Phalangites multipes* Münster in Roth, 1851 [crustacean] ..... J Solnhofen
3. *Phalangites priscus* Münster, 1839 [crustacean] ..... J Solnhofen
4. *Rhabdotarchoideus simoni* Haupt, 1957 [plant fragment] ..... P Rotliegend

6,491 Recent species according to Kury (2011)



## PHALANGIOTARBIDA

31 currently valid species of fossil phalangiotarbid

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

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

#### NOMINA DUBIA

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

no Recent species

## PSEUDOSCORPIONES

44 currently valid species of fossil pseudoscorpion

<b>PSEUDOSCORPIONES De Geer, 1778</b> .....	<b>Devonian – Recent</b>
= CHERNETES Simon, 1879a	
† <b>DRACOCHELIDAE Schawaller, Shear &amp; Bonamo, 1991 (plesion family)</b> .....	<b>Devonian</b>
† <i>Dracochela</i> Schawaller, Shear & Bonamo, 1991 .....	<b>Devonian</b>
1. <i>Dracochela deprehendor</i> Schawaller, Shear & Bonamo, 1991* .....	D Gilboa
<b>CHELONETHI Thorell, 1882</b> .....	<b>Cretaceous – Recent</b>
<b>EPIOCHIERATA Harvey, 1992</b> .....	<b>Cretaceous – Recent</b>
<b>CHTHONOIDEA Daday, 1888</b> .....	<b>Palaeogene – Recent</b>
<b>CHTHONIIDAE Daday, 1888</b> .....	<b>Palaeogene – Recent</b>
<i>Chthonius</i> C. L. Koch, 1843a .....	<b>Palaeogene – Recent</b>
2. <i>Chthonius (Chthonius) mengei</i> Beier, 1937 .....	Pa Baltic amber
3. <i>Chthonius (Chthonius) pristinus</i> Schawaller, 1978 .....	Pa Baltic amber
<i>Pseudochthonius</i> Balzan, 1892 .....	<b>Neogene – Recent</b>
4. <i>Pseudochthonius squamosus</i> Schawaller, 1980a .....	Ne Dominican amber
<b>Tyrannchthonius Chamberlin, 1929</b> .....	<b>Quaternary – Recent</b>
<i>Tyrannchthonius</i> sp. in Judson (2010) .....	Qt Madagascan copal
<b>LECHYTIDAE Chamberlin, 1929</b> .....	<b>Neogene – Recent</b>
<i>Lechytia</i> Balzan, 1892 .....	<b>Neogene – Recent</b>
5. <i>Lechytia tertiaria</i> Schawaller, 1980a .....	Ne Dominican amber
<b>TRIDENCHTHONIIDAE Balzan, 1892</b> .....	<b>Palaeogene – Recent</b>
= DITHIDAE Chamberlin, 1929	
† <i>Chelignathus</i> Menge, 1854 .....	<b>Palaeogene</b>
6. <i>Chelignathus kochii</i> Menge, 1854* .....	Pa Baltic amber
<b>FEALLOIDEA Ellingsen, 1906</b> .....	<b>Palaeogene – Recent</b>
<b>FEALLIDAE Ellingsen, 1906</b> .....	<b>Recent</b>
no fossil record	
<b>PSEUDOGARYPIDAE Chamberlin, 1923a</b> .....	<b>Palaeogene – Recent</b>
<i>Pseudogarypus</i> Ellingsen, 1909 .....	<b>Palaeogene – Recent</b>
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 <i>et al.</i> , 2006.....	Pa Baltic amber
11. <i>Pseudogarypus synchrotron</i> Henderickx in Henderickx <i>et al.</i> , 2012 .....	Pa Baltic amber
<b>IOCHIERATA Harvey, 1992</b> .....	<b>Cretaceous – Recent</b>
<b>HEMICTENATA Balzan, 1892</b> .....	<b>Cretaceous – Recent</b>
<b>NEOBISIOIDEA Chamberlin, 1930</b> .....	<b>Cretaceous – Recent</b>
<b>BOCHICIDAE Chamberlin, 1930</b> .....	<b>Recent</b>
= VACHONIIDAE Chamberlin, 1947	
no fossil record	
<b>GYMNOBISIIDAE Beier, 1947b</b> .....	<b>Recent</b>
no fossil record	
<b>HYIDAE Chamberlin, 1930</b> .....	<b>Recent</b>
no fossil record	
<b>IDEORONCIDAE Chamberlin, 1930</b> .....	<b>Recent</b>
no fossil record	
<b>NEOBISIIDAE Chamberlin, 1930</b> .....	<b>Cretaceous – Recent</b>
= OBISIIDAE Sundevall, 1833	
† <b><i>Electrobisium</i> Cockerell, 1917</b> .....	<b>Cretaceous</b>
12. <i>Electrobisium acutum</i> Cockerell, 1917a* .....	K Myanmar amber
<b><i>Microcreagris</i> Balzan, 1892</b> .....	<b>Palaeogene – Recent</b>
13. <i>Microcreagris koellnerorum</i> Schawaller, 1978 .....	Pa Baltic amber
<b><i>Neobisium</i> Chamberlin, 1930</b> .....	<b>Palaeogene – Recent</b>
14. <i>Neobisium (Neobisium) extinctum</i> Beier, 1955 .....	Pa Baltic amber
15. <i>Neobisium henderickxi</i> Judson, 2003 .....	Pa Baltic amber
<b><i>Roncus</i> L. Koch, 1873</b> .....	<b>Palaeogene – Recent</b>
16. <i>Roncus succineus</i> Beier, 1955 .....	Pa Baltic amber
<b>PARAHYIDAE Harvey, 1992</b> .....	<b>Recent</b>
no fossil record	
<b>SYARINIDAE Chamberlin, 1930</b> .....	<b>Recent</b>
no fossil record	
<b>PANCTENATA Balzan, 1892</b> .....	<b>Cretaceous – Recent</b>
<b>GARYPOIDEA Simon, 1879a</b> .....	<b>Cretaceous – Recent</b>
<b>GARYPIDAE Simon, 1879a</b> .....	<b>Recent</b>
= SYNSPHRONIDAE Beier, 1932a	

no fossil record

<b>GARYPINIDAE</b> Daday, 1888 .....	<b>Cretaceous – Recent</b>
<i>Amblyolpium</i> Simon, 1898b .....	<b>Cretaceous – Recent</b>
17. <i>Amblyolpium burmiticum</i> (Cockerell, 1920) .....	K Myanmar amber
<b>Garypinus</b> Daday, 1888 .....	<b>Palaeogene – Recent</b>
18. <i>Garypinus electri</i> Beier, 1937 .....	Pa Baltic amber
<b>GEOGARYPIDAE</b> Chamberlin, 1930 .....	<b>Palaeogene – Recent</b>
<b>Geogarypus</b> Chamberlin, 1930 .....	<b>Palaeogene – Recent</b>
19. <i>Geogarypus gorskii</i> Henderickx, 2005 .....	Pa Baltic amber
20. <i>Geogarypus macrodactylus</i> Beier, 1937 .....	Pa Baltic amber
21. <i>Geogarypus major</i> Beier, 1937 .....	Pa Baltic amber
<b>LARCIDAE</b> Harvey, 1992 .....	<b>Recent</b>
no fossil record	
<b>MENTHIDAE</b> Chamberlin, 1930 .....	<b>Recent</b>
no fossil record	
<b>OLPIIDAE</b> Banks, 1895 .....	<b>Palaeogene – Recent</b>
no fossil record	
<b>STERNOPHOROIDEA</b> Chamberlin, 1923b .....	<b>Neogene – Recent</b>
<b>STERNOPHORIDAE</b> Chamberlin, 1923b .....	<b>Neogene – Recent</b>
<i>Idiogaryops</i> Hoff, 1963 .....	<b>Neogene – Recent</b>
22. <i>Idiogaryops pumilus</i> (Hoff, 1963) <b>[Recent]</b> .....	Ne–R Dominican amber
<b>CHEIRIDIOIDEA</b> Hansen, 1894 .....	<b>Palaeogene – Recent</b>
<b>CHEIRIDIIDAE</b> Hansen, 1894 .....	<b>Palaeogene – Recent</b>
<i>Cheiridium</i> Menge, 1855 .....	<b>Palaeogene – Recent</b>
23. <i>Cheiridium hartmanni</i> (Menge, 1854) .....	Pa Baltic amber
<i>Cryptocheiridium</i> Chamberlin, 1931a .....	<b>Neogene – Recent</b>
24. <i>Cryptocheiridium (Cryptocheiridium) antiquum</i> Schawaller, 1981 .....	Ne Dominican amber
<b>PSEUDOCHIRIDIIDAE</b> Chamberlin, 1923b .....	<b>Neogene – Recent</b>
<i>Pseudochiridium</i> With, 1906 .....	<b>Neogene – Recent</b>
25. <i>Pseudochiridium lindae</i> Judson, 2007 .....	Ne Dominican amber
<b>CHELIFEROIDEA</b> Risso, 1826 .....	<b>Cretaceous – Recent</b>
<b>ATEMNIDAE</b> Kishida, 1929 .....	<b>Palaeogene – Recent</b>
Atemninae indet. <i>in</i> Judson (2010) .....	Qt Dominican amber
<i>Paratemnoides</i> Harvey, 1991 .....	<b>Quaternary – Recent</b>

26. <i>Paratemnoides nidificator</i> (Balzan, 1888) <b>[Recent]</b> .....	Qt–R Colombian copal
† <b>Progonatemnus Beier, 1955</b> .....	<b>Palaeogene</b>
27. <i>Progonatemnus succineus</i> Beier, 1955* .....	Pa Baltic amber
<b>CHELIFERIDAE Risso, 1826</b> .....	<b>Cretaceous – Recent</b>
Cheliferidae? indet. <i>in</i> Judson (2009) .....	K Archingeay amber
† <b>Dichela Menge, 1854</b> .....	<b>Palaeogene</b>
= † <i>Oligochelifer</i> Beier, 1937	
28. <i>Dichela berendtii</i> Menge, 1954* .....	Pa Baltic amber
29. <i>Dichela gracilis</i> (Beier, 1937) .....	Pa Baltic amber
30. <i>Dichela granulatus</i> (Beier, 1937) .....	Pa Baltic amber
31. <i>Dichela serratidentatus</i> (Beier, 1937) .....	Pa Baltic amber
† <b>Electrochelifer Beier, 1937</b> .....	<b>Palaeogene</b>
32. <i>Electrochelifer bachofeni</i> Beier, 1947a .....	Pa Baltic amber
33. <i>Electrochelifer balticus</i> Beier, 1955 .....	Pa Baltic amber
34. <i>Electrochelifer mengei</i> Beier, 1937* .....	Pa Baltic amber
35. <i>Electrochelifer rapulitarsatus</i> Beier, 1947a .....	Pa Baltic amber
† <b>Heurtaultia Judson, 2009</b> [tentative referral to family] .....	<b>Cretaceous</b>
36. <i>Heurtaultia rossiorum</i> Judson, 2009 .....	K Archingeay amber
† <b>Pycnochelifer Beier, 1937</b> .....	<b>Palaeogene</b>
37. <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
† <b>Trachychelifer Hong, 1983b</b> .....	<b>Palaeogene</b>
38. <i>Trachychelifer liaoningense</i> Hong, 1983b* .....	Pa Chinese amber
<b>CHERNETIDAE Menge, 1855</b> .....	<b>Cretaceous – Recent</b>
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
† <b>Oligochernes Beier, 1937</b> .....	<b>Palaeogene</b>
39. <i>Oligochernes bachofeni</i> Beier, 1937 .....	Pa Baltic amber
40. <i>Oligochernes wigandi</i> (Menge, 1854) .....	Pa Baltic amber
<b>Pachychernes Beier, 1932b</b> .....	<b>Neogene – Recent</b>
41. <i>Pachychernes effossus</i> Schawaller, 1980b .....	Ne Dominican amber
42. <i>Pachychernes</i> aff. <i>subrobustus</i> (Balzan, 1892) <b>[Recent]</b> .....	Qt–R Colombian copal
<b>WITHIIDAE Chamberlin, 1931b</b> .....	<b>Palaeogene – Recent</b>
† <b>Beierowithius Mahnert, 1979</b> .....	<b>Palaeogene</b>
43. <i>Beierowithius sieboldtii</i> (Menge, 1854)* .....	Pa Baltic amber
<b>Withius Kew, 1911</b> .....	<b>Quaternary – Recent</b>
44. <i>Chelifer eucarpus</i> Dalman, 1826 .....	Qt East African opal

*NOMINA DUBIA*

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

*NOMINA NUDA*

1. *Chelifer fossilis* Weyenbergh, 1874 .....J Solnhofen

3,385 Recent species according to Harvey (2009)

## SOLIFUGAE

### 5 currently valid species of camel spider

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

#### stem-lineage?

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

#### SOLIFUGAE Sundevall, 1833 ..... Carbon. – Recent

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

#### AMMOTRECHIDAE Roewer, 1934 ..... Neogene – Recent

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

#### CEROMIDAE Roewer, 1933 ..... Cretaceous – Recent

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

#### DAESIIDAE Kraepelin, 1899 ..... Palaeogene – Recent

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

#### EREMOBATIDAE Kraepelin, 1901 ..... Recent

no fossil record

#### GALEODIDAE Sundevall, 1833 ..... Recent

no fossil record

#### GYLIPPIDAE Roewer, 1933 ..... Recent

no fossil record

#### HEXISOPODIDAE Pocock, 1897 ..... Recent



no fossil record

**KARSCHIIDAE Kraepelin, 1899** ..... **Recent**

no fossil record

**MELANOBLOSSIDAE Roewer, 1933** ..... **Recent**

no fossil record

**MUMMUCIIDAE Roewer, 1934** ..... **Recent**

no fossil record

**RHAGODIDAE Pocock, 1897** ..... **Recent**

no fossil record

**SOLPUGIDAE Leach, 1815** ..... **Recent**

no fossil record

1,075 Recent species according to Harvey (2003)

## PALPIGRADI

1 currently valid species of fossil palpigrade

**PALPIGRADI Thorell, 1888** ..... **Neogene – Recent**

= MICROTHELYPHONIDA Grassi & Calandruccio, 1885

family uncertain

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

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

**EUKOENENIIDAE Petrunkevitch, 1955a** ..... **Recent**

no fossil record

**PROKOENENIIDAE Condé, 1996** ..... **Recent**

no fossil record

### MISIDENTIFICATIONS

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

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

78 Recent species according to Harvey (2003)

## ACARI: PARASITIFORMES

15 currently valid species of fossil parasitiform mite

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

<b>PARASITIFORMES Reuter, 1909</b> .....	<b>Cretaceous – Recent</b>
= ANACTINOTRICHIDA author, date?	
<b>OPILIOACARIDA Zachvatkin, 1952 (suborder)</b> .....	<b>Palaeogene – Recent</b>
= NOTOSTIGMATA author, date?	
<b>OPILIOACAROIDEA Vitzthum, 1931</b> .....	<b>Palaeogene – Recent</b>
<b>OPILIOACARIDAE Vitzthum, 1931</b> .....	<b>Palaeogene – Recent</b>
= NEOACARIDAE Chamberlin & Mulaik, 1942	
<i>Opilioacarus</i> With, 1902 .....	?Palaeogene – Recent
1. ? <i>Opilioacarus aenigmus</i> Dunlop, Sempf & Wunderlich, 2010 .....	Pa Baltic amber
<i>Paracarus</i> Chamberlin & Mulaik, 1942 .....	<b>Palaeogene – Recent</b>
2. <i>Paracarus pristinus</i> Dunlop, Wunderlich & Poinar, 2004 .....	Pa Baltic amber
<b>HOLOTHYRIDA Thorell, 1882 (suborder)</b> .....	<b>Recent</b>
= TETRASTIGMATA author, date?	
<b>HOLOTYHROIDEA Thorell, 1882</b> .....	<b>Recent</b>
<b>ALLOTHYRIDAE van der Hammen, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>HOLOTHYRIDAE Thorell, 1882</b> .....	<b>Recent</b>
no fossil record	
<b>NEOTHYRIDAE Lehtinen, 1981</b> .....	<b>Recent</b>
no fossil record	
<b>IXODIDA Leach, 1815 (suborder)</b> .....	<b>Cretaceous – Recent</b>
= METASTIGMATA author, date?	
<b>IXODOIDEA Banks, 1907</b> .....	<b>Cretaceous – Recent</b>
<b>ARGASIDAE Murray, 1877</b> .....	<b>Cretaceous – Recent</b>
<i>Carios</i> Latreille, 1796 .....	<b>Cretaceous – Recent</b>
3. <i>Carios jerseyi</i> Klompen & Grimaldi, 2001 .....	K New Jersey amber
<i>Ornithodoros</i> C. L. Koch, 1844 .....	<b>Neogene – Recent</b>

4. <i>Ornithodoros antiquus</i> Poinar, 1995 .....	Ne Dominican amber
<b>IXODIDAE Banks, 1907 .....</b>	<b>Cretaceous – Recent</b>
<b><i>Amblyomma</i> C. L. Koch, 1844 .....</b>	<b>Neogene – Recent</b>
5. <i>Amblyomma</i> near <i>argentinae</i> Neumann, 1905 <b>[Recent]</b> (as <i>testudinis</i> ) in Lane & Poinar (1986).....	Ne–R Dominican amber
6. <i>Amblyomma</i> near <i>dissimile</i> C. L. Koch, 1844 <b>[Recent]</b> in Kierens <i>et al.</i> (1986) .....	Ne–R Dominican amber
† <b><i>Compluriscutata</i> Poinar &amp; Buckley, 2008 .....</b>	<b>Cretaceous</b>
7. <i>Compluriscutata vetulum</i> Poinar & Buckley, 2008* .....	K Myanmar amber
† <b><i>Cornupalpatum</i> Poinar &amp; Brown, 2003 .....</b>	<b>Cretaceous</b>
8. <i>Cornupalpatum burmanicum</i> Poinar & Brown, 2003* .....	K Myanmar amber
<b><i>Dermacentor</i> C. L. Koch, 1844 .....</b>	<b>Neogene – Recent</b>
9. <i>Dermacentor</i> nr. <i>reticulatus</i> (Fabricius, 1794) <b>[Recent]</b> (in Kulczyński in Schille 1916).....	Ne–R in a Rhino's ear
<b><i>Hyalomma</i> C. L. Koch, 1844 .....</b>	<b>Palaeogene – Recent</b>
<i>Hyalomma</i> spp. ....	Pa Baltic amber
<b><i>Ixodes</i> Latreille, 1795 .....</b>	<b>Palaeogene – Recent</b>
10. <i>Ixodes sigelos</i> Keirans, Clifford & Corwin, 1976 <b>[Recent]</b> .....	Qt Argentina
11. <i>Ixodes succineus</i> Weidner, 1964 .....	Pa Baltic amber
<b>NUTALLIELLIDAE Schulze, 1935 .....</b>	<b>Recent</b>
no fossil record	
<b>MESOSTIGMATA G. Canestrini, 1891 (suborder) .....</b>	<b>Palaeogene – Recent</b>
= GAMASIDA Leach, 1815	
<b>SEJIDA Kramer, 1885 (infraorder) .....</b>	<b>Palaeogene – Recent</b>
= LIROASPINA author, date?	
= TRICHOPYGIDIINA author, date?	
<b>SEJOIDEA Berlese, 1885 .....</b>	<b>Palaeogene – Recent</b>
<b>ICHTHYOSTOMATOGASTERIDAE Sellnick, 1953 .....</b>	<b>Recent</b>
no fossil record	
<b>SEJIDAE Berlese, 1885 .....</b>	<b>Palaeogene – Recent</b>
= LIROASPIDIDAE Trägårdh, 1946	
<b><i>Sejus</i> C. L. Koch, 1836 [NB: <i>Seius</i> in an invalid emendation].....</b>	<b>Palaeogene – Recent</b>
12. <i>Sejus bdelloides</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>UROPODELLIDAE Camin, 1955 .....</b>	<b>Recent</b>
no fossil record	
<b>TRIGYNASPIDA Camin &amp; Gorirossi, 1955 (infraorder) .....</b>	<b>Recent</b>

<b>CERCOMEGISTINA Camin &amp; Gorirossi, 1955 (cohort)</b> .....	<b>Recent</b>
<b>CERCOMEGISTOIDEA Trägårdh, 1937</b> .....	<b>Recent</b>
<b>ASTERNOSEIIDAE Vale, 1955</b> .....	<b>Recent</b>
no fossil record	
<b>CERCOMEGISTIDAE Trägårdh, 1937</b> .....	<b>Recent</b>
no fossil record	
<b>DAVACARIDAE Kethley, 1979</b> .....	<b>Recent</b>
no fossil record	
<b>PYROSEJIDAE Lindquist &amp; Moraza, 1993</b> .....	<b>Recent</b>
no fossil record	
<b>SALTISEIIDAE Walter, 2000</b> .....	<b>Recent</b>
no fossil record	
<b>SEIODIDAE Kethley, 1979</b> .....	<b>Recent</b>
no fossil record	
<b>ANTENNOPHORINA Berlese, 1882 (cohort)</b> .....	<b>Recent</b>
<b>ANTENNOPHOROIDEA Berlese, 1892</b> .....	<b>Recent</b>
<b>ANTENNOPHORIDAE Berlese, 1892</b> .....	<b>Recent</b>
no fossil record	
<b>CELAENOPSOIDEA Berlese, 1892</b> .....	<b>Recent</b>
<b>CELAENOPSIDAE Berlese, 1892</b> .....	<b>Recent</b>
no fossil record	
<b>COSTACARIDAE Hunter, 1993</b> .....	<b>Recent</b>
no fossil record	
<b>DIPLOGYNIIDAE Trägårdh, 1941</b> .....	<b>Recent</b>
no fossil record	
<b>EUZERCONIDAE Trägårdh, 1938</b> .....	<b>Recent</b>
no fossil record	
<b>MEGACELAENOPSIDAE Funck, 1975</b> .....	<b>Recent</b>
no fossil record	
<b>MEINERTULIDAE Trägårdh, 1950</b> .....	<b>Recent</b>
no fossil record	

<b>NEOTENOGYNIIDAE</b> Kethley, 1974 .....	<b>Recent</b>
no fossil record	
<b>SCHIZOGYNIIDAE</b> Trägårdh, 1950 .....	<b>Recent</b>
no fossil record	
<b>TRIPLOGYNIIDAE</b> Funck, 1977 .....	<b>Recent</b>
no fossil record	
<b>PARAMEGISTOIDEA</b> Trägårdh, 1946 .....	<b>Recent</b>
<b>PARAMEGISTIDAE</b> Trägårdh, 1946 .....	<b>Recent</b>
no fossil record	
<b>FEDRIZZIOIDEA</b> Trägårdh, 1937 .....	<b>Recent</b>
<b>FEDRIZZIIDAE</b> Trägårdh, 1937 .....	<b>Recent</b>
no fossil record	
<b>KLINCKOWSTROEMIIDAE</b> Camin & Gorirossi, 1955 .....	<b>Recent</b>
no fossil record	
<b>PROMEGISTIDAE</b> Kethley, 1979 .....	<b>Recent</b>
no fossil record	
<b>MEGISTHANOIDEA</b> Berlese, 1914 .....	<b>Recent</b>
<b>HOPLOMEGISTIDAE</b> Camin & Gorirossi, 1955 .....	<b>Recent</b>
no fossil record	
<b>MEGISTHANIDAE</b> Berlese, 1914 .....	<b>Recent</b>
no fossil record	
<b>PARANTENNULOIDEA</b> Willmann, 1940 .....	<b>Recent</b>
<b>PARANTENNULIDAE</b> Willmann, 1940 .....	<b>Recent</b>
no fossil record	
<b>PHILODANIDAE</b> Kethley, 1977b .....	<b>Recent</b>
no fossil record	
<b>AENICTEQUOIDEA</b> Kethley, 1979 .....	<b>Recent</b>
<b>AENICTEQUIDAE</b> Kethley, 1979 .....	<b>Recent</b>
no fossil record	
<b>EUPHYSALOZERCONIDAE</b> Kim, 2008 .....	<b>Recent</b>

no fossil record

**MESSORACARIDAE Kethley, 1977** ..... **Recent**

no fossil record

**PHYSALOZERCONIDAE Kethley, 1977** ..... **Recent**

no fossil record

**PTOCHACARIDAE Kethley, 1979** ..... **Recent**

no fossil record

**MONOGYNASPIDA Camin & Gorioffi, 1955 (infrorder)** ..... **Palaeogene – Recent**

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

**MICROGYNOIDEA Trägårdh, 1942** ..... **Palaeogene – Recent**

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

**MICROGYNIIDAE Trägårdh, 1942** ..... **Recent**

    = **MICROSEJIDAE Trägårdh, 1942**

no fossil record

**NOTHOGYNIDAE Walter & Kranz, 1999** ..... **Recent**

no fossil record

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

**HEATHERELLOIDEA Walter, 1997** ..... **Recent**

**HEATHERELLIDAE Walter, 1997** ..... **Recent**

no fossil record

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

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

**PROTODINYCHOIDEA Evans, 1957** ..... **Recent**

**PROTODINYCHIDAE Evans, 1957** ..... **Recent**

no fossil record

**THINOZERCONOIDEA Halbert, 1915** ..... **Recent**

**THINOZERCONIDAE Halbert, 1915** ..... **Recent**

no fossil record

**POLYASPIDOIDEA Berlese, 1913** ..... **Recent**

**DITHINOZERCONIDAE Ainscough, 1979** ..... **Recent**

no fossil record

**POLYASPIDIDAE Berlese, 1913** ..... **Recent**

no fossil record

**TRACHYTIDAE Trägårdh, 1938** ..... **Recent**

no fossil record

**UROPODOIDEA Kramer, 1881** ..... **Palaeogene – Recent**

**BALOGHJKASZABIIDAE Hirschmann, 1979** ..... **Recent**

no fossil record

**BRASILUROPODIDAE Hirschmann, 1979** ..... **Recent**

no fossil record

**CILLIBIDAE Trägårdh, 1944** ..... **Recent**

no fossil record

**CLAUSIADINYCHIDAE Hirschmann, 1979** ..... **Recent**

no fossil record

**CIRCOCYLLIBAMIDAE Sellnick, 1926** ..... **Recent**

no fossil record

**CYLLIBULIDAE Hirschmann, 1979** ..... **Recent**

no fossil record

**DERAIOPHORIDAE Trägårdh, 1952** ..... **Recent**

no fossil record

**DINYCHIDAE Berlese, 1916** ..... **Recent**

no fossil record

**DISCOURELLIDAE Baker & Wharton, 1952** ..... **Recent**

no fossil record

**EUTRACHYTIDAE Trägårdh, 1944** ..... **Recent**

no fossil record

**HUTUFEIDERIIDAE Hirschmann, 1979** ..... **Recent**

no fossil record

**KASZABJBALOGHIIDAE Hirschmann, 1979** ..... **Recent**

no fossil record

**MACRODINYCHIDAE Hirschmann, 1979** ..... **Recent**

no fossil record



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

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

no fossil record

<b>PARASITIAE Reuter, 1909 (subcohort)</b> .....	<b>Palaeogene – Recent</b>
<b>PARASITOIDEA Oudemans, 1901</b> .....	<b>Palaeogene – Recent</b>
<b>PARASITIDAE Oudemans, 1901</b> .....	<b>Palaeogene – Recent</b>
<b><i>Aclerogamasus</i> Athias, 1971</b> .....	<b>Palaeogene – Recent</b>
14. <i>Aclerogamasus stenocornis</i> Witaliński, 2000 .....	Pa Baltic amber

<b>DERMANYSSIAE Evans &amp; Till, 1997 (subcohort)</b> .....	<b>Neogene – Recent</b>
<b>VEIGAIIOIDEA Oudemans, 1939</b> .....	<b>Recent</b>
<b>VEIGAIIDAE Oudemans, 1939</b> .....	<b>Recent</b>
= <b>GAMASOLAEELAPTIDAE Oudemans, 1939</b>	

no fossil record

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

<b>EURYPARASITIDAE d’Antony, 1987</b> .....	<b>Recent</b>
---------------------------------------------	---------------

no fossil record

<b>GAMASIPHIDAE author, date?</b> .....	<b>Recent</b>
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no fossil record

<b>LAELAPTONYSSIDAE Womersley, 1956</b> .....	<b>Recent</b>
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no fossil record

<b>OLOGAMASIDAE Ryke, 1962</b> .....	<b>Recent</b>
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no fossil record

<b>PANTENIPHIDIDAE d’Antony, 1987</b> .....	<b>Recent</b>
---------------------------------------------	---------------

no fossil record

<b>RHODACARIDAE Oudemans, 1902</b> .....	<b>Recent</b>
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no fossil record

<b>TERANYSSIDAE Halliday, 2006</b> .....	<b>Recent</b>
------------------------------------------	---------------

no fossil record

<b>EVIPHIDOIDEA Berlese, 1913</b> .....	<b>Quaternary–Recent</b>
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<b>EVIPHIDIDAE Berlese, 1913</b> .....	<b>Recent</b>
no fossil record	
<b>MACROCHELIDAE Vitzthum, 1930</b> .....	<b>Quaternary–Recent</b>
<b>Macrocheles Latreille, 1829</b> .....	<b>Quaternary–Recent</b>
<i>Macrocheles</i> sp. <i>in</i> Ramsay (1960) .....	Qt New Zealand
<b>MEGALOLAELAPIDAE author, date?</b> .....	<b>Recent</b>
no fossil record	
<b>PACHYLAELAPIDAE Berlese, 1913</b> .....	<b>Recent</b>
= NEOPARASITIDAE Oudemans, 1939	
= BULBOGAMASIDAE Gu, Wang & Duan, 1991	
no fossil record	
<b>PARHOLASPIDIDAE Evans, 1956</b> .....	<b>Recent</b>
no fossil record	
<b>ASCOIDEA Oudemans, 1905</b> .....	<b>Palaeogene – Recent</b>
<b>AMEROSEIIDAE Evans <i>in</i> Hughs, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>ASCIDAE Voigts &amp; Oudemans, 1905</b> .....	<b>?Palaeogene – Recent</b>
?Ascidae sp. <i>in</i> Dunlop <i>et al.</i> (2013) .....	Pa Baltic amber
<b>HALOLAELAPIDAE Karg, 1965</b> .....	<b>Recent</b>
no fossil record	
<b>MELICHARIDAE Hirschmann, 1962</b> .....	<b>Recent</b>
no fossil record	
<b>PODOCINIDAE Berlese, 1913</b> .....	<b>Quaternary – Recent</b>
Podocinidae sp. <i>in</i> Aoki (1974) .....	Qt Mizunami copal
<b>PHYTOSEIOIDEA Berlese, 1916</b> .....	<b>Recent</b>
<b>BLATTISCOIIDAE Garman, 1948</b> .....	<b>Recent</b>
no fossil record	
<b>OTOPHEIDOMENIDAE Treat, 1955</b> .....	<b>Recent</b>
no fossil record	
<b>PHYTOSEIIDAE Berlese, 1916</b> .....	<b>Recent</b>
no fossil record	

<b>DERMANYSSOIDEA Kolenati, 1859</b> .....	<b>Recent</b>
<b>DASYPONYSSIDAE Fonseca, 1940</b> .....	<b>Recent</b>
no fossil record	
<b>DERMANYSSIDAE Kolenati, 1859</b> .....	<b>Recent</b>
no fossil record	
<b>ENTONYSSIDAE Ewing, 1922</b> .....	<b>Recent</b>
no fossil record	
<b>HAEMOGAMASIDAE Oudemans, 1939</b> .....	<b>Recent</b>
no fossil record	
<b>HALARACHNIDAE Oudemans, 1906</b> .....	<b>Recent</b>
no fossil record	
<b>HIRSTIONYSSIDAE Evans &amp; Till, 1966</b> .....	<b>Recent</b>
no fossil record	
<b>HYSTRICHONYSSIDAE Keegan, Yunker &amp; Baker, 1960</b> .....	<b>Recent</b>
no fossil record	
<b>IPIHIOPSIDIDAE Kramer, 1886</b> .....	<b>Recent</b>
no fossil record	
<b>IXODORHYNCHIDAE Ewing, 1923</b> .....	<b>Recent</b>
no fossil record	
<b>LAELAPIDAE Berlese, 1892</b> .....	<b>Recent</b>
no fossil record	
<b>LARVAMIMIDAE Elzinga, 1993</b> .....	<b>Recent</b>
no fossil record	
<b>LEPTOLAELAPIDAE Karg, 1978</b> .....	<b>Recent</b>
no fossil record	
<b>MACRONYSSIDAE Oudemans, 1936</b> .....	<b>Recent</b>
no fossil record	
<b>MANITHERIONYSSIDAE Radovsky &amp; Yunker, 1971</b> .....	<b>Recent</b>
no fossil record	

<b>OMENTOLAEALAPTIDAE Fain, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>PNEUMOPHIONYSSIDAE Fonseca, 1940</b> .....	<b>Recent</b>
no fossil record	
<b>RAILLIETIIDAE Vitzthum, 1942</b> .....	<b>Recent</b>
no fossil record	
<b>RHINONYSSIDAE Trouessart, 1895</b> .....	<b>Recent</b>
no fossil record	
<b>SPELAEORHYNCHIDAE Oudemans, 1902</b> .....	<b>Recent</b>
no fossil record	
<b>SPINTURNICIDAE Oudemans, 1902</b> .....	<b>Recent</b>
no fossil record	
<b>TRICHOASPIDIDAE Gu, Wang &amp; Li, 1991</b> .....	<b>Recent</b>
no fossil record	
<b>VARROIDAE Delfinado &amp; Baker, 1974</b> .....	<b>Recent</b>
no fossil record	

*nomum dubium*

1. *Ixodes tertiarius* Scudder, 1885 ..... Pa Wyoming

c. 12,500 Recent species

## ACARIFORMES

294 currently valid species of fossil acariform mite

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

**ACARIFORMES Zachvatkin, 1952** ..... Devonian – Recent

= ACTINOTRICHIDA author, date?

**TROMBIDIFORMES Reuter, 1909 (suborder)** ..... Devonian – Recent

**SPHAEROLICHIDA OConnor, 1984 (infraorder)** ..... Recent

**LORDALYCOIDEA Grandjean, 1939** ..... Recent

**LORDALYCHIDAE Grandjean, 1939** ..... Recent

= HYBALICIDAE Theron, 1974

no fossil record

**SPHAEROLICHOIDEA Berlese, 1913** ..... Recent

**SPHAEROLICHIDAE Berlese, 1913** ..... Recent

no fossil record

**PROSTIGMATA Kramer, 1877 (infraorder)** ..... Devonian – Recent

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

**LABIDOSTOMMATOIDEA Oudemans, 1906** ..... Palaeogene – Recent

**LABIDOSTOMMATIDAE Oudemans, 1906** ..... Palaeogene – Recent

= NICOLETIELLIDAE Canestrini, 1891

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

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

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

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

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

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

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

**EUPODIDES Krantz, 1978 (supercohort)** ..... Devonian – Recent

**BDELLOIDEA Dugès, 1834** ..... Cretaceous – Recent

**BDELLIDAE Dugès, 1834** ..... Cretaceous – Recent

Bdellidae sp. <i>in Aoki</i> (1974) .....	Qt Mizunami copal
<b><i>Bdella</i> Latreille, 1795</b> .....	<b>Cretaceous – Recent</b>
4. <i>Bdella bicincta</i> Menge <i>in C. L. Koch &amp; Berendt</i> , 1854 .....	Pa Baltic amber
5. <i>Bdella bombycina</i> Menge <i>in C. L. Koch &amp; Berendt</i> , 1854 .....	Pa Baltic amber
6. <i>Bdella obconica</i> Menge <i>in C. L. Koch &amp; Berendt</i> , 1854 .....	Pa Baltic amber
7. <i>Bdella vetusta</i> Ewing, 1937 .....	K Manitobian amber
<b><i>Bdellodes</i> Oudemans, 1937</b> .....	<b>Palaeogene – Recent</b>
8. <i>Bdellodes lata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
 <b>CUNAXIDAE Thor, 1902</b> .....	<b>Recent</b>
no fossil record	
 <b>HALACAROIDEA Murray, 1877</b> .....	<b>Recent</b>
<b>HALACARIDAE Murray, 1877</b> .....	<b>Recent</b>
no fossil record	
 <b>PEZIDAE Harvey, 1990</b> .....	<b>Recent</b>
no fossil record	
 <b>EUPODOIDEA C. L. Koch, 1842</b> .....	<b>Palaeogene – Recent</b>
<b>COCCEUPODIDAE Jesionowska, 2010</b> .....	<b>Recent</b>
no fossil record	
 <b>DENDOCHAETIDAE Oliver, 2008</b> .....	<b>Recent</b>
no fossil record	
 <b>EUPODIDAE C. L. Koch, 1842</b> .....	<b>Recent</b>
no fossil record	
 <b>ERIORHYNCHIDAE Qin &amp; Halliday, 1997</b> .....	<b>Recent</b>
no fossil record	
 <b>PENTAPALPIDAE Oliver &amp; Theron, 2000</b> .....	<b>Recent</b>
no fossil record	
 <b>PENTHALEIDAE Oudemans, 1931</b> .....	<b>Recent</b>
no fossil record	
 <b>PENTHALODIDAE Thor, 1933</b> .....	<b>Palaeogene – Recent</b>
<b><i>Penthalodes</i> Murray, 1877</b> .....	<b>Palaeogene – Recent</b>
9. <i>Penthalodes tristiculus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber



<b>PROTERORHAGIIDAE Lindquist &amp; Palacios-Vargas, 1991</b> .....	<b>Recent</b>
no fossil record	
<b>RHAGIDIIDAE Oudemans, 1922</b> .....	<b>Paleogene – Recent</b>
Rhagidiidae indet. <i>in</i> Judson & Wunderlich (2003) .....	Pa Baltic amber
<b><i>Poecilophysis</i> O. P.-Cambridge, 1876</b> .....	<b>Paleogene – Recent</b>
? <i>Poecilophysis</i> sp. <i>in</i> Judson & Wunderlich (2003) .....	Pa Baltic amber
† <b><i>Zachardia</i> Judson &amp; Wunderlich, 2003</b> .....	<b>Paleogene</b>
10. <i>Zachardia flexipes</i> Judson & Wunderlich, 2003 .....	Pa Baltic amber
<b>STRANDTMANNIIDAE Zacharda, 1979</b> .....	<b>Recent</b>
no fossil record	
<b>TYDEOIDEA Kramer, 1877</b> .....	<b>Devonian – Recent</b>
<b>EREYNETIDAE Oudemans, 1931</b> .....	<b>Recent</b>
= MICROEREUNETIDAE Bottazzi, 1950	
no fossil record	
<b>IOLINIDAE Pritchard, 1956</b> .....	<b>Recent</b>
no fossil record	
<b>TRIOPHTYDEIDAE Andrè, 1980</b> .....	<b>Recent</b>
= MEYERELLIDAE André, 1979	
no fossil record	
<b>TYDEIDAE Kramer, 1877</b> .....	<b>Devonian – Recent</b>
† <b><i>Palaeotydeus</i> Dubinin, 1962</b> .....	<b>Devonian – Recent</b>
11. <i>Palaeotydeus devonicus</i> Dubinin, 1962 .....	D Rhynie chert
† <b><i>Parapotacarus</i> Dubinin, 1962</b> .....	<b>Devonian – Recent</b>
12. <i>Paraprotacarus hirsti</i> Dubinin, 1962 .....	D Rhynie chert
<b>ERIOPHYOIDEA Nalepa, 1898</b> .....	<b>Triassic – Recent</b>
= TETRAPODILI author, date?	
† <b><i>Ampezzo</i> Linquist &amp; Grimaldi <i>in</i> Schmidt <i>et al.</i>, 1012,</b> .....	<b>Triassic – Recent</b>
13. <i>Ampezzo triassica</i> Lindquist & Grimaldi <i>in</i> Schmidt <i>et al.</i> , 2012* .....	Tr Italian amber
† <b><i>Triasacarus</i> Linquist &amp; Grimaldi <i>in</i> Schmidt <i>et al.</i>, 1012,</b> .....	<b>Triassic – Recent</b>
14. <i>Triasacarus fedelei</i> Lindquist & Grimaldi <i>in</i> Schmidt <i>et al.</i> , 2012* .....	Tr Italian amber
<b>DIPTILOMIOPIDAE Keifer, 1944</b> .....	<b>Recent</b>
no fossil record	
<b>ERIOPHYIDAE Nalepa, 1898</b> .....	<b>?Palaeogene – Recent</b>

- Aculops* Keifer, 1966** ..... ? Palaeogene – Recent  
 15. *Aculops keiferi* Southcott & Lange, 1971 ..... ?Pa Australia
- PHYTOPTIDAE Murray, 1877** ..... Neogene – Recent  
 = NALEPELLIDAE Roivainen, 1953  
 no fossil record
- ANYSTIDES van der Hammen, 1972 (supercohort)** ..... Cretaceous – Recent  
**ANYSTINA van der Hammen, 1972 (cohort)** ..... Cretaceous – Recent  
**CAECULOIDEA Berlese, 1883** ..... Paleogene – Recent  
**CAECULIDAE Berlese, 1883** ..... Paleogene – Recent  
***Procaeculus* Jacot, 1936** ..... Paleogene – Recent  
 16. *Procaeculus dominicensis* Coineau & Poinar, 2001 ..... Ne Dominican amber  
 17. *Procaeculus eridanosae* Coineau & Magowski, 1994 ..... Pa Baltic amber
- ADAMYSTOIDEA Cunliffe, 1957** ..... Recent  
**ADAMYSTIDAE Cunliffe, 1957** ..... Recent  
 = SAXIDROMIDAE Coineau, 1974  
 no fossil record
- ANYSTOIDEA Oudemans, 1902** ..... Cretaceous – Recent  
**ANYSTIDAE Oudemans, 1902** ..... Cretaceous – Recent  
*Anystidae* sp. *in* Aoki (1974) ..... Qt Mizunami copal  
***Anystis* von Heyden, 1826** ..... Cretaceous – Recent  
 18. *Anystis malleator* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 19. *Anystis subnuda* (Menge *in* C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 20. *Anystis venustula* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 † ***Mesoanystis* Zacharda, 1985** ..... Cretaceous  
 21. *Mesoanystis taimirensis* Zacharda, 1985\* ..... K Siberian amber  
 † ***Palaeoerythracarus* Zacharda, 1985** ..... Palaeogene  
 22. *Palaeoerythracarus sachalinensis* Zacharda, 1985\* ..... Pa Sachalin amber
- PSEUDOCHEYLIDAE Oudemans, 1909** ..... Recent  
 = STIGMOCHEYLIDAE Kethley, 1990  
 no fossil record
- TENERIFFIIDAE Thor, 1911b** ..... Paleogene – Recent  
*Teneriffiidae* sp. *indet in* Sayre *et al.* (1992) ..... Pa Baltic amber
- PARATYDEOIDEA Baker, 1949** ..... Recent  
**PARATYDEIDAE Baker, 1949** ..... Recent  
 no fossil record

<b>STIGMOCHEYLIDAE Kethley, 1990</b> .....	<b>Recent</b>
no fossil record	
<b>POMERANTZIOIDEA Baker, 1949</b> .....	<b>Recent</b>
<b>POMERANTZIIDAE Baker, 1949</b> .....	<b>Recent</b>
no fossil record	
<b>PARASITENGONA Oudemans, 1909 (cohort)</b> .....	<b>Cretaceous – Recent</b>
<b>ERYTHRAIAE author, date? (subcohort)</b> .....	<b>Cretaceous – Recent</b>
<b>CALYPTOSTOMATOIDEA Oudemans, 1923</b> .....	<b>Recent</b>
<b>CALYPTOSTOMATIDAE Oudemans, 1923</b> .....	<b>Recent</b>
no fossil record	
<b>ERYTHRAEOIDEA Grandjean, 1947a</b> .....	<b>Cretaceous – Recent</b>
larval Erythraeoidea <i>in</i> Zacharda & Krivoluckij (1985) .....	K Siberian amber
† <b>Pararainbowia Dunlop, 2007</b> .....	<b>Cretaceous</b>
23. <i>Pararainbowia martilli</i> Dunlop, 2007* .....	K Crato Formation
<b>ERYTHRAEIDAE Robineau-Desvoidy, 1828</b> .....	<b>Paleogene – Recent</b>
= LEPTIDAE Billberg, 1820	
= BALUSTIIDAE Grandjean, 1947	
Erythraeidae sp. <i>in</i> Aoki (1974) .....	Qt Mizunami copal
† <b>Arytaena Menge, 1854 in C. L. Koch &amp; Berendt, 1854</b> .....	<b>Paleogene</b>
24. <i>Arytaena troguloides</i> Menge <i>in</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
<b>Balaustium von Heyden, 1826</b> .....	<b>Paleogene – Recent</b>
25. <i>Balaustium illustris</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>Erythraeus Latrielle, 1806</b> .....	<b>Paleogene – Recent</b>
26. <i>Erythraeus bifrons</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
27. <i>Erythraeus foveolatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
28. <i>Erythraeus hirsutus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
29. <i>Erythraeus lagopus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
30. <i>Erythraeus longipes</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
31. <i>Erythraeus proavus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
32. <i>Erythraeus procerus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
33. <i>Erythraeus raripilus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
34. <i>Erythraeus rostratus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
35. <i>Erythraeus saccatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>Leptus Latrielle, 1796</b> .....	<b>Paleogene – Recent</b>
36. <i>Leptus incertus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
† <b>PROTERYTHRAEIDAE Vercammen-Grandjean, 1973</b> .....	<b>Cretaceous</b>
† <b>Proterythraeus Vercammen-Grandjean, 1973</b> .....	<b>Cretaceous</b>

37. *Proterythraeus southcotti* Vercammen-Grandjean, 1973\* ..... K Manitoba amber
- SMARIDIDAE Vitzthum, 1929** ..... **Paleogene – Recent**  
 Smarididae *in* Kulicka (1990) ..... Pa Baltic amber
- TROMBIDIAE author, date? (subcohort)** ..... **Creteaceous – Recent**  
**trombidiid mites?**
38. *Megameropsis aquensis* Gourret, 1887 ..... Pa Aix-en-Provence  
 39. *Pseudopachygnathus maculatus* Gourret, 1887 ..... Pa Aix-en-Provence
- AMPHOTROMBIOIDEA Zhang, 1998** ..... **Recent**  
**AMPHOTROMBIIDAE, Zhang, 1998** ..... **Recent**  
 no fossil record
- ALLOTANAUPODOIDAE Zhang & Fan, 2007** ..... **Recent**  
**ALLOTANAUPODIDAE Zhang & Fan, 2007** ..... **Recent**  
 no fossil record
- TANAUPODOIDEA Thor, 1935** ..... **Creteaceous – Recent**  
**TANAUPODIDAE Thor, 1935** ..... **Creteaceous – Recent**  
 = ?AMPHOTROMBIIDAE Zhang, 1998  
 = TANAUPODASTRIDAE Feider, 1959
- † ***Atanaupodus* Judson & Mağol, 2009** ..... **Cretaceous**  
 40. *Atanaupodus bakeri* Judson & Mağol, 2009 ..... K Archingeay amber
- CHYZERIOIDEA Womersley, 1954** ..... **Recent**  
**CHYZERIIDAE Womersley, 1954** ..... **Recent**  
 no fossil record
- TROMBIDIOIDEA Leach, 1815** ..... **Paleogene – Recent**  
**ACHAEMENOTHROMBIIDAE Saboori, Wohltmann & Hakimitabar, 2010** ..... **Recent**  
 no fossil record
- EUTROMBIDIIDAE Thor, 1935** ..... **Recent**  
 no fossil record
- MICROTROMBIDIIDAE Thor, 1935** ..... **Recent**  
 no fossil record
- NEOTHROMBIIDAE Feider, 1955** ..... **Recent**  
 no fossil record

<b>TROMBIDIIDAE Leach, 1815</b> .....	<b>Paleogene – Recent</b>
= PARATHROMBIIDAE Feider, 1959	
<b><i>Allothrombium</i> Berlese, 1903</b> .....	<b>Paleogene – Recent</b>
41. <i>Allothrombium clavipes</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b><i>Trombidium</i> Fabricius, 1775</b> .....	<b>Paleogene – Recent</b>
42. <i>Trombidium crassipes</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
43. <i>Trombidium granulatum</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
44. <i>Trombidium heterotrichum</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
45. <i>Trombidium scrobiculatum</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
NB: the next two families may be synonyms	
<b>WALCHIIDAE Ewing, 1946</b> .....	<b>Recent</b>
no fossil record	
<b>TROMBICULOIDEA Ewing, 1929</b> .....	<b>Recent</b>
<b>AUDYANIDAE Southcott, 1987</b> .....	<b>Recent</b>
no fossil record	
<b>JOHNSTONIANIDAE Thor, 1935</b> .....	<b>Recent</b>
= NOTOTHROMBIIDAE Feider, 1959	
no fossil record	
<b>NEOTROMBIDIIDAE Feider, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>LEEUWENHOEKIIDAE Womersley, 1944</b> .....	<b>Recent</b>
no fossil record	
<b>TROMBELLIDAE Leach, 1815</b> .....	<b>Recent</b>
no fossil record	
<b>TROMBICULIDAE Ewing, 1929</b> .....	<b>Recent</b>
= VATACARIDAE Southcott, 1957	
no fossil record	
<b>YUREBILLOIDEA Southcott, 1966</b> .....	<b>Recent</b>
<b>YUREBILLIDAE Southcott, 1996</b> .....	<b>Recent</b>
no fossil record	
<b>HYDRACARNIDIAE van der Hoeven, 1849 (subcohort)</b> .....	<b>Neogene – Recent</b>
= HYDRACHNIDIA author, date?	
= HYDRACHNELLAE author, date?	

**Undetermined water mites**

Hygrobatoidea, Arrenuroidea or Lebertiodes *in Poinar* (1985) ..... Ne Dominican amber

**HYDRYPHANTOIDEA Piersig, 1896** ..... **Recent**

**CTENOTHYADIDAE Lundblad, 1936** ..... **Recent**

no fossil record

**EUPATRELLIDAE Viets, 1935** ..... **Recent**

no fossil record

**HYDRODROMIDAE Viets, 1936** ..... **Recent**

= DIPLODONTIDAE Lundblad, 1927

no fossil record

**HYDRYPHANTIDAE Piersig, 1896** ..... **Recent**

= PROTZIIDAE Viets, 1926

no fossil record

**MALGASACARIDAE Tuzovskij, Gerecke & Goldschmidt, 2007** ..... **Recent**

no fossil record

**RHYNCHOHYDRACARIDAE Lundblad, 1936** ..... **Recent**

= CHATHROSPERCHONIDAE Lundblad, 1936

no fossil record

**TERATOTHYADIDAE Viets, 1929** ..... **Recent**

no fossil record

**THERMACARIDAE Sokolow, 1927** ..... **Recent**

no fossil record

**ZELANDOTHYADIDAE Cook, 1983** ..... **Recent**

no fossil record

**EYLAOIDEA Leach, 1815** ..... **Recent**

**APHEVIDERULICIDAE Gerecke, Smith & Cook, 1999** ..... **Recent**

no fossil record

**EYLAIIDAE Leach, 1815** ..... **Recent**

no fossil record

**LIMNOCHARIDAE Grube, 1859** ..... **Recent**

no fossil record

<b>PIERSIGIIDAE Oudemans, 1902</b> .....	<b>Recent</b>
no fossil record	
<b>HYDROVOLZIOIDEA Thor, 1905</b> .....	<b>Recent</b>
<b>ACHERONTACARIDAE Cook, 1967</b> .....	<b>Recent</b>
no fossil record	
<b>HYDROVOLZIIDAE Thor, 1905</b> .....	<b>Recent</b>
= POLYXOHALACARIDAE Motas, 1972	
no fossil record	
<b>HYDRACHNOIDEA Leach, 1815</b> .....	<b>Recent</b>
<b>HYDRACHNIDAE Leach, 1815</b> .....	<b>Recent</b>
no fossil record	
<b>LEBERTOIDEA Thor, 1900</b> .....	<b>Recent</b>
<b>ACUCAPITIDAE Wiles, 1996</b> .....	<b>Recent</b>
no fossil record	
<b>ANISITSIELLIDAE Koenicke, 1910</b> .....	<b>Recent</b>
= MAMERSOPSIDAE Viets, 1914	
no fossil record	
<b>BANDAKIOPSIDAE Panesar, 2004</b> .....	<b>Recent</b>
no fossil record	
<b>LEBERTIIDAE Thor, 1900</b> .....	<b>Recent</b>
no fossil record	
<b>NILOTONIIDAE Viets, 1929</b> .....	<b>Recent</b>
no fossil record	
<b>OXIDAE Viets, 1926</b> .....	<b>Recent</b>
no fossil record	
<b>RUTRIPALPIDAE Solokow, 1834</b> .....	<b>Recent</b>
no fossil record	
<b>SPERCHONTIDAE Thor, 1900</b> .....	<b>Recent</b>
no fossil record	
<b>STYGOTONIIDAE Cook, 1992</b> .....	<b>Recent</b>

no fossil record

**TEUTONIDAE Koenike, 1910** ..... **Recent**

no fossil record

**TORRENTICOLIDAE Piersig, 1902** ..... **Recent**

= ATRACTIDEIDAE Thor, 1902

no fossil record

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

**ASTACOCROTONIDAE Thor, 1927** ..... **Recent**

no fossil record

**ATURIDAE Thor, 1900** ..... **Recent**

= BRADYPODIDAE Thor, 1900 [preoccupied]

= AXONOPSIDAE Viets, 1929

= LJANIIDAE Thor, 1929

no fossil record

**FELTRIIDAE Viets, 1926** ..... **Recent**

no fossil record

**FERRADASIIDAE Cook, 1980** ..... **Recent**

no fossil record

**FRONTIPODOPSIDAE Viets, 1931** ..... **Recent**

no fossil record

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

no fossil record

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

no fossil record

**LIMNESIIDAE Thor, 1900** ..... **Recent**

= NEOTORRENTICOLIDAE Lundblad, 1936

= EPALLAGOPODIDAE Viets, 1953

no fossil record

**OMARTACARIDAE Cook, 1963** ..... **Recent**

no fossil record

**PIONIDAE Thor, 1900** ..... **Recent**

= CURVIPEDIDAE Thor, 1900



- = ACERCIDAE Thor, 1909
- = FORELIIDAE Thor, 1923
- = NAUTARACHNIDAE Walter, 1925
- = HYDROCHOREUTIDAE Viets, 1942

no fossil record

**PONTARACHNIDAE Koenicke, 1910** ..... **Recent**

no fossil record

**UNIONICOLIDAE Oudemans, 1909** ..... **Recent**

- = ATRACIDAE Thor, 1900
- = NEUMANIIDAE Thor, 1923

no fossil record

**WETTINIDAE Cook, 1956** ..... **Recent**

no fossil record

**ARRENUROIDEA Thor, 1900** ..... **Neogene – Recent**

**Family uncertain**

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

46. *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

<b>GRETACARIDAE Viets, 1978</b> .....	<b>Recent</b>
no fossil record	
<b>HARPAGOPALPIDAE Viets, 1924</b> .....	<b>Recent</b>
no fossil record	
<b>HUNGAROHYDRACACARIDAE Motas &amp; Tanasachi, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>KANTACARIDAE Imamura, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>KRENDOWSKIIDAE Viets, 1926</b> .....	<b>Recent</b>
no fossil record	
<b>LAVERSIIDAE Cook, 1955</b> .....	<b>Recent</b>
no fossil record	
<b>MIDEIDAE Thor, 1911a</b> .....	<b>Recent</b>
no fossil record	
<b>MIDEOPSIDAE Koenicke, 1910</b> .....	<b>Recent</b>
no fossil record	
<b>MOMONIIDAE Viets, 1926</b> .....	<b>Recent</b>
= STYGOMOMONIDAE Szalay, 1943	
no fossil record	
<b>NEOACARIDAE Motas &amp; Tanasachi, 1947</b> .....	<b>Recent</b>
no fossil record	
<b>NIPPONACARIDAE Imamura, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>NUDOMIDEOPSIDAE Smith, 1990</b> .....	<b>Recent</b>
no fossil record	
<b>UCHIDASTYGACARIDAE Imamura, 1956</b> .....	<b>Recent</b>
no fossil record	
<b>STYGOTHROMBIAE Thor, 1935 (subcohort)</b> .....	<b>Recent</b>
<b>STYGOTHROMBOIDEA Thor, 1935</b> .....	<b>Recent</b>
<b>STYGOTHROMBIIDAE Thor, 1935</b> .....	<b>Recent</b>

<b>ELEUTHERENGONIDES Oudemans, 1909 (supercohort)</b> .....	<b>Cretaceous – Recent</b>
<b>RAPHIGNATHINA Kethley, 1982 (cohort)</b> .....	<b>Cretaceous – Recent</b>
<b>MYOBIOIDEA Mégnin, 1877</b> .....	<b>Recent</b>
<b>MYOBIIDAE Mégnin, 1877</b> .....	<b>Recent</b>
no fossil record	
<b>PTERYGOSOMATOIDEA Oudemans, 1910</b> .....	<b>Recent</b>
<b>PTERYGOSOMATIDAE Oudemans, 1910</b> .....	<b>Recent</b>
no fossil record	
<b>RAPHIGNATHOIDEA Kramer, 1877</b> .....	<b>Paleogene – Recent</b>
<b>BARBUTIIDAE Robaux, 1975</b> .....	<b>Recent</b>
no fossil record	
<b>CALIGONELLIDAE Grandjean, 1944</b> .....	<b>Recent</b>
no fossil record	
<b>CAMEROBIIDAE Southcott, 1957</b> .....	<b>Paleogene – Recent</b>
<b><i>Neophyllobius</i> Berlese, 1886</b> .....	<b>Paleogene – Recent</b>
47. <i>Neophyllobius succineus</i> Bolland & Magowski, 1990.....	Pa Baltic amber
<b>CRYPTOGNATHIDAE Oudemans, 1902</b> .....	<b>Paleogene – Recent</b>
no fossil record	
<b>DASYTHYREIDAE Walter &amp; Gerson, 1998</b> .....	<b>Recent</b>
no fossil record	
<b>EUPALOPSELLIDAE Willmann, 1952</b> .....	<b>Recent</b>
no fossil record	
<b>HOMOCALIGIDAE Wood, 1969</b> .....	<b>Recent</b>
no fossil record	
<b>MECOGNATHIDAE Gerson &amp; Walter, 1998</b> .....	<b>Recent</b>
no fossil record	
<b>RAPHIGNATHIDAE Kramer, 1877</b> .....	<b>Recent</b>
no fossil record	
<b>STIGMAEIDAE Oudemans, 1931</b> .....	<b>Paleogene – Recent</b>
<b><i>Mediolata</i> Canestrini, 1890</b> .....	<b>Paleogene – Recent</b>
48. <i>Mediolata eocenica</i> Kuznetsov, Khaustov & Perkovsky, 2010.....	Pa Rovno amber

<b>XENOCALIGONELLIDAE Gonzalez, 1978</b> .....	<b>Recent</b>
no fossil record	
<b>TETRANYCHOIDEA Donnadieu, 1876</b> .....	<b>Palaeogene – Recent</b>
<b>ALLOCHAETOPHORIDAE Reck, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>LINOTETRANIDAE Baker &amp; Pritchard, 1953</b> .....	<b>Recent</b>
no fossil record	
<b>TENUIPALPIDAE Berlese, 1913</b> .....	<b>Recent</b>
no fossil record	
<b>TETRANYCHIDAE Donnadieu, 1876</b> .....	<b>Palaeogene – Recent</b>
= BRYOBIIDAE Berlese, date?	
<b><i>Metatetranychus</i> Oudemans, 1931</b> .....	<b>Palaeogene – Recent</b>
49. <i>Metatetranychus gibbus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b><i>Schizotetranychus</i> Trägårdh, 1915</b> .....	<b>Palaeogene – Recent</b>
50. <i>Schizotetranychus brevipes</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>TUCKERELLIDAE Baker &amp; Pritchard, 1953</b> .....	<b>Recent</b>
no fossil record	
<b>CHEYLETOIDEA Leach, 1815</b> .....	<b>Cretaceous – Recent</b>
<b>CHEYLETIDAE Leach, 1815</b> .....	<b>Cretaceous – Recent</b>
Chelytidae sp. indet <i>in</i> Bradley (1931) .....	Pa Green River
<b><i>Cheyletus</i> Latreille, 1796</b> .....	<b>Cretaceous – Recent</b>
51. <i>Cheyletus burmiticus</i> Cockerell, 1917b.....	K Myanmar amber
52. <i>Cheyletus portentosus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>DEMODECIDAE Nicolet, 1855</b> .....	<b>Recent</b>
no fossil record	
<b>HARPIRHYNCHIDAE Dubinin, 1957</b> .....	<b>Recent</b>
no fossil record	
<b>OPHIOPTIDAE Southcott, 1956</b> .....	<b>Recent</b>
no fossil record	
<b>PSORERGATIDAE Dubinin <i>in</i> Bregatova <i>et al.</i>, 1955</b> .....	<b>Recent</b>
no fossil record	

<b>SYRINGOPHILIDAE</b> Laviopierre, 1953 .....	<b>Recent</b>
no fossil record	
<b>HETEROSTIGMATINA</b> Berlese, 1899 (cohort) .....	<b>Cretaceous – Recent</b>
<b>TARSOCHYLOIDEA</b> Atyeo & Baker, 1964 .....	<b>Recent</b>
<b>TARSOCHYLIDAE</b> Atyeo & Baker, 1964 .....	<b>Recent</b>
no fossil record	
<b>HETEROCHYLOIDEA</b> Trägårdh, 1950 .....	<b>Recent</b>
<b>HETEROCHYLIDAE</b> Trägårdh, 1950 .....	<b>Recent</b>
no fossil record	
<b>DOLICHOCYBOIDEA</b> Mahunka, 1970 .....	<b>Recent</b>
<b>CROTALOMORPHIDAE</b> Lindquist & Kranz, 2002 .....	<b>Recent</b>
no fossil record	
<b>DOLICHOCYBIDAE</b> Mahunka, 1970 .....	<b>Recent</b>
no fossil record	
<b>TROCHOMETRIDIOIDEA</b> Mahunka, 1970 .....	<b>Recent</b>
<b>ATHYREACARIDAE</b> Lindquist Kaliszewski & Rack, 1990 .....	<b>Recent</b>
= BEMBIDIACARIDAE Khuastov, 2000	
no fossil record	
<b>TROCHOMETRIDIIDAE</b> Mahunka, 1970 .....	<b>Recent</b>
no fossil record	
<b>SCUTACAROIDEA</b> Oudemans, 1916 .....	<b>Recent</b>
<b>MICRODISPIDAE</b> Cross, 1965 .....	<b>Recent</b>
no fossil record	
<b>SCUTACARIDAE</b> Oudemans, 1916 .....	<b>Recent</b>
no fossil record	
<b>PYGMEPHOROIDEA</b> Cross, 1965 .....	<b>Palaeogene – Recent</b>
<i>Pygmephoroidea</i> sp. <i>in</i> Magowski (1995) .....	Pa Baltic amber
<b>NEOPYGMEPHORIDAE</b> Cross, 1965 .....	<b>Recent</b>
no fossil record	
<b>PYGMEPHORIDAE</b> Cross, 1965 .....	<b>Recent</b>

no fossil record

**SITEROPTIDAE Mahunka, 1970** ..... **Recent**

no fossil record

**PYEMOTOIDEA Oudemans, 1937** ..... **Cretaceous – Recent**

**ACAROPHENACIDAE Cross, 1965** ..... **Cretaceous – Recent**

† ***Protophenax* Magowski, 1994** ..... **Cretaceous**

53. *Protophenax kotejii* Magowski, 1994\* ..... K Russian amber

**CARABOACARIDAE Mahunka, 1970** ..... **Recent**

no fossil record

**PYEMOTIDAE Oudemans, 1937** ..... **Recent**

= TROCHOMETRIDAE Mahunka, 1970

***Pyemotes* Amerling, 1862** ..... **Palaeogene – Recent**

54. *Pyemotes primus* Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

**RESINACARIDAE Mahunka, 1975** ..... **Cretaceous – Recent**

***Protoresinacaris* Khaustov & Poinar, 2010** ..... **Cretaceous**

55. *Protoresinacaris brevipedis* Khaustov & Poinar, 2010\* ..... K Myanmar amber

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

**PODAPOLIPIDAE Ewing, 1922** ..... **Recent**

no fossil record

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

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

#### **Cohort *incertae sedis***

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

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

no fossil record

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

no fossil record

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

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

= PACHYGNATHINA author, date?

**ALYCINA author, date? (cohort)**

<b>ALYCOIDEA</b> Canestrini & Fanzago, 1877 .....	<b>Devonian – Recent</b>
<b>ALYCIDAE</b> Canestrini & Fanzago, 1877 .....	<b>Devonian – Recent</b>
= PACHYGNATHIDAE Kramer, 1877	
= BIMICHAELIIDAE Womersley, 1944	
† <b>Protacarus</b> Hirst, 1923 .....	<b>Devonian</b>
56. <i>Protacarus crani</i> Hirst, 1923* .....	D Rhyrie chert
<b>GRANDJEANICIDAE</b> Kethley, 1977a .....	<b>Recent</b>
no fossil record	
<b>MICROPSAMMIDAE</b> Coineau & Theorn, 1983 .....	<b>Recent</b>
no fossil record	
<b>NANORCHESTIDAE</b> Grandjean, 1937 .....	<b>Devonian – Recent</b>
† <b>Protospeleorchestes</b> Dubinin, 1962 .....	<b>Devonian – Recent</b>
57. <i>Protospeleorchestes pseudoprotacarus</i> Dubinin, 1962* .....	D Rhyrie chert
<b>NEMATALYCINA</b> author, date? (cohort) .....	<b>Recent</b>
<b>NEMATALYCOIDEA</b> Strenke, 1954 .....	<b>Recent</b>
<b>NEMATALYCIDAE</b> Strenke, 1954 .....	<b>Recent</b>
no fossil record	
<b>PROTONEMATALYCIDAE</b> Kethley, 1989 [superfamily correct?] .....	<b>Recent</b>
no fossil record	
<b>TERPNACARINA</b> author, date? (cohort) .....	<b>Recent</b>
<b>OEHSERCHESTOIDEA</b> Kethley, 1977a .....	<b>Recent</b>
<b>OEHSERCHESTIDAE</b> Kethley, 1977a .....	<b>Recent</b>
no fossil record	
<b>TERPNACAROIDEA</b> Grandjean, 1939 .....	<b>Recent</b>
<b>TERPNACARIDAE</b> Grandjean, 1939 .....	<b>Recent</b>
no fossil record	
<b>ALICORHAGIINA</b> author, date? (cohort) .....	<b>Devonian – Recent</b>
<b>ALICORHAGIOIDEA</b> Grandjean, 1939 .....	<b>Devonian – Recent</b>
<b>ALICORHAGIIDAE</b> Grandjean, 1939 .....	<b>Devonian – Recent</b>
† <b>Archaeacarus</b> Kethley & Norton <i>in</i> Kethley <i>et al.</i> , 1989 .....	<b>Devonian</b>
58. <i>Archaeacarus dubinini</i> Kethley & Norton <i>in</i> Kethley <i>et al.</i> , 1989* .....	D Gilboa
† <b>Pseudoprotacarus</b> Dubinin, 1962 .....	<b>Devonian</b>
59. <i>Pseudoprotacarus scoticus</i> Dubinin, 1962* .....	D Rhyrie chert

**ORIBATIDA Dugès, 1834 (infraorder)** ..... Devonian – Recent

= CRYPTOSTIGMATA author, date?

NB: see remarks on the Ordovician fossil above

**PALAEOSOMATA Grandjean, 1969 (supercohort)** ..... Devonian–Recent

family uncertain

† *Marcvippeda* Pérez-DA, 1988 ..... Palaeogene

60. *Marcvippeda magallanes* Pérez-DA, 1988\* [*Acari incerate sedis?*] ..... Pa Patagonia, Chile

**ACARONYCHOIDEA Grandjean, 1932** ..... Recent

**ACARONYCHIDAE Grandjean, 1932b** ..... Recent

no fossil record

**ARCHAEONOTHRIDAE Grandjean, 1932** ..... Recent

no fossil record

**CTENACAROIDEA Grandjean, 1954c** ..... Devonian – Recent

**ADELPHACARIDAE Grandjean, 1954c** ..... Carbon. – Recent

† *Monoaphelacarus* Subías & Arillo, 2002 ..... Carboniferous

61. *Monoaphelacarus carboniferus* Subías & Arillo, 2002\* ..... C County Antrim

**APHELACARIDAE Grandjean, 1954c** ..... Recent

no fossil record

**CTENACARIDAE Grandjean, 1954b** ..... Devonian – Recent

† *Ctenacaronychus* Subías & Arillo, 2002 ..... Devonian

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

† *Palaeoctenacarus* Subías & Arillo, 2002 ..... Carboniferous

63. *Palaeoctenacarus simmsoi* Subías & Arillo, 2002\* ..... C County Antrim

**PALAEACAROIDEA Grandjean, 1932b** ..... Recent

**PALAEACARIDAE Grandjean, 1932b** ..... Recent

no fossil record

**ENARTHRONOTA Grandjean, 1947b (supercohort)** ..... Devonian – Recent

superfamily uncertain

† **DEVONACARIDAE** Norton *in* Norton *et al.*, 1988 ..... Devonian – Recent

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

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

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



- † *Protochthonius* Norton in Norton et al., 1988 ..... Devonian – Recent  
65. *Protochthonius gilboa* Norton in Norton et al., 1988\* ..... D Gilboa
- BRACHYCHTHONIOIDEA Thor, 1934** ..... Recent  
**BRACHYCHTHONIIDAE Thor, 1934** ..... Recent  
no fossil record
- ATOPOCHTHONIOIDEA Grandjean, 1948** ..... Recent  
**ATOPOCHTHONIIDAE Grandjean, 1948** ..... Recent  
no fossil record
- PHYLLOCHTHONIIDAE Travé, 1967** ..... Recent  
no fossil record
- PTEROCHTHONIIDAE Grandjean, 1950** ..... Recent  
no fossil record
- HYPOCHTHONIOIDEA Berlese, 1910** ..... Carbon. – Recent  
**ENIOCHTHONIIDAE Grandjean, 1947b** ..... Recent  
no fossil record
- HYPOCHTHONIIDAE Berlese, 1910** ..... Carbon. – Recent  
*Hypochthonius* C. L. Koch, 1835 ..... Quaternary – Recent  
66. *Hypochthonius rufulus* C. L. Koch, 1835 [Recent] ..... Qt Finland
- † *Palaeohypochthonius* Subías & Arillo, 2002 ..... Carboniferous  
67. *Palaeohypochthonius jerami* Subías & Arillo, 2002\* ..... C County Antrim
- LOHMANNIIDAE Berlese, 1916** ..... Recent  
= XENOLOHMANNIIDAE Balogh & Mahunka, 1969  
no fossil record
- MESOPLOPHORIDAE Ewing, 1917** ..... Recent  
= ARCHOPLOPHORIDAE Grandjean, 1965  
no fossil record
- PROTOPLOPHOROIDEA Ewing, 1917** ..... Carbon. – Recent  
**COSMOCHTHONIIDAE Grandjean, 1947b** ..... Carbon. – Recent  
† *Carbochthonius* Subías & Arillo, 2002 ..... Carboniferous  
68. *Carbochthonius antrimensis* Subías & Arillo, 2002\* ..... C County Antrim
- HAPLOCHTHONIIDAE van der Hammen, 1959** ..... Recent  
no fossil record

<b>PEDICULOCHELIDAE</b> Lavoipierre, 1946 .....	<b>Recent</b>
no fossil record	
<b>PROTHOPOPHORIDAE</b> Ewing, 1917 .....	<b>Carbon. – Recent</b>
= APOPOPHORIDAE Niedbala, 1984	
† <i>Archaeoplophora</i> Subías & Arillo, 2002 .....	<b>Carboniferous</b>
69. <i>Archaeoplophora bella</i> Subías & Arillo, 2002* .....	C County Antrim
<b>SPHAEROCHTHONIIDAE</b> Grandjean, 1947 <i>b</i> .....	<b>Recent</b>
no fossil record	
<b>HETEROCHTHONOIDEA</b> Grandjean, 1954 <i>b</i> .....	<b>Recent</b>
<b>ARBORICHTHONIIDAE</b> Balogh & Balogh, 1992 .....	<b>Recent</b>
no fossil record	
<b>HETEROCHTHONIIDAE</b> Grandjean, 1954 <i>b</i> .....	<b>Recent</b>
no fossil record	
<b>TRICHTOCHTHONIIDAE</b> Lee, 1982 .....	<b>Recent</b>
no fossil record	
<b>PARHYPOSOMATA</b> Grandjean, 1969 (supercohort) .....	<b>Carbon. – Recent</b>
<b>PARHYPOCHTHONIOIDEA</b> Grandjean, 1932 <i>b</i> .....	<b>Carbon. – Recent</b>
<b>ELLIPTOCHTHONIIDAE</b> Norton, 1975 .....	<b>Recent</b>
no fossil record	
<b>GEHYPOCHTHONIIDAE</b> Strenzke, 1963 .....	<b>Carbon. – Recent</b>
† <i>Gehypochthonimimus</i> Subías & Arillo, 2002 .....	<b>Carboniferous</b>
70. <i>Gehypochthonimimus hibernicus</i> Subías & Arillo, 2002* .....	C County Antrim
<b>PARHYPOCHTHONIIDAE</b> Grandjean, 1932 <i>b</i> .....	<b>Recent</b>
no fossil record	
<b>MIXONOMATA</b> Grandjean, 1969(supercohort) .....	<b>Paleogene – Recent</b>
<b>NEHYPOCHTHONOIDEA</b> Norton & Metz, 1980 .....	<b>Recent</b>
<b>NEHYPOCHTHONIIDAE</b> Norton & Metz, 1980 .....	<b>Recent</b>
no fossil record	
<b>EULOHMANNOIDEA</b> Grandjean, 1931 .....	<b>Recent</b>
<b>EULOHMANNIIDAE</b> Grandjean, 1931 .....	<b>Recent</b>
no fossil record	

<b>PERLOHMANNIOIDEA Grandjean, 1954b</b> .....	<b>Recent</b>
<b>PERLOHMANNIIDAE Grandjean, 1954b</b> .....	<b>Recent</b>
no fossil record	
<b>EPILOHMANNIOIDEA Oudemans, 1923</b> .....	<b>Recent</b>
<b>EPILOHMANNIIDAE Oudemans, 1923</b> .....	<b>Recent</b>
= LESSIRIIDAE Oudemans, 1916	
no fossil record	
<b>COLLOHMANNIOIDEA Grandjean, 1958a</b> .....	<b>Paleogene – Recent</b>
<b>COLLOHMANNIIDAE Grandjean, 1958a</b> .....	<b>Paleogene – Recent</b>
<b>Collohmanna Sellnick, 1922</b> .....	<b>Paleogene – Recent</b>
71. <i>Collohmanna schusteri</i> Norton, 2006 .....	Pa Baltic amber
† <b>Embolacarus Sellnick, 1919</b> .....	<b>Palaeogene – Recent</b>
72. <i>Embolacarus pergratus</i> Sellnick, 1919* .....	Pa Baltic amber
<b>EUPYCTIMA Grandjean, 1967</b> .....	<b>Palaeogene – Recent</b>
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	
<b>EUPHTHRACAROIDEA Jacot, 1930</b> .....	<b>Palaeogene – Recent</b>
<b>EUPHTHRACARIDAE Jacot, 1930</b> .....	<b>Palaeogene – Recent</b>
<b>Microtritia Märkel, 1964</b> .....	<b>Quaternary – Recent</b>
73. <i>Microtritia minima</i> (Berlese, 1904) <b>[Recent]</b> .....	Qt Germany
<b>Rhysotritia Märkel &amp; Meyer, 1959</b> .....	<b>Quaternary – Recent</b>
74. <i>Rhysotritia ardua</i> (C. L. Koch, 1841) <b>[Recent]</b> .....	Qt Germany
75. <i>Rhysotritia duplicata</i> (Grandjean, 1953) <b>[Recent]</b> .....	Qt Germany
<b>ORIBOTRITIIDAE Grandjean, 1954b</b> .....	<b>Palaeogene – Recent</b>
= SABAHRITIIDAE Mahunka, 1987	
<b>Oribotritia Jacot, 1924</b> .....	<b>Palaeogene – Recent</b>
76. <i>Oribotritia pyropus</i> (Sellnick, 1919) .....	Pa Baltic amber
77. <i>Oribotritia translucida</i> Sellnick, 1931 .....	Pa Baltic amber
<b>SYNICHOTRITIIDAE Walker, 1965</b> .....	<b>Recent</b>
no fossil record	
<b>PHTHRACAROIDEA Perty, 1841</b> .....	<b>Palaeogene – Recent</b>
<b>PHTHRACARIDAE Perty, 1841</b> .....	<b>Palaeogene – Recent</b>
= STEGANACARIDAE Niedbala, 1986	
<b>Hoplophthiacarus Jacot, 1933</b> .....	<b>Quaternary – Recent</b>
78. <i>Hoplophthiacarus pavidus</i> (Berlese, 1913) <b>[Recent]</b> .....	Qt Karelia, Russia

<b>Phthiacarus Perty, 1841</b> .....	<b>Palaeogene – Recent</b>
79. <i>Phthiacarus borealis</i> Trägårdh, date? [Recent] .....	Qt Karelia, Russia
80. <i>Phthiacarus multipunctus</i> (Sellnick, 1919) .....	Pa Baltic amber
<b>Steganacarus Ewing, 1917</b> .....	<b>Quaternary – Recent</b>
81. <i>Steganacarus applicatus</i> (Sellnick, 1920) [Recent] .....	Qt Denmark
82. <i>Steganacarus carinatus</i> (C. L. Koch, 1841) [Recent] .....	Qt Finland
83. <i>Steganacarus striculus</i> (C. L. Koch, 1835) [Recent] .....	Qt Europe
<i>Steganacarus</i> sp. ....	Qt Finland
<b>DESMONOMATA Woodley, 1873 (supercohort)</b> .....	<b>Jurassic – Recent</b>
<b>NOTHRINA van der Hammen, 1982 (cohort)</b> .....	<b>Jurassic – Recent</b>
= HOLOSOMATA author, date?	
<b>CROTONIOIDEA Thorell, 1876</b> .....	<b>Jurassic – Recent</b>
<b>CAMISIIDAE Oudemans, 1900</b> .....	<b>Cretaceous – Recent</b>
<b>Camisia von Heyden, 1826</b> .....	<b>Paleogene – Recent</b>
84. <i>Camisia foveolata</i> Hammer, 1955 [Recent] .....	Qt western Norway
85. <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	
86. <i>Camisia invenusta</i> (Michael, 1888) [Recent] .....	Qt western Norway
87. <i>Camisia lapponica</i> Trägårdh, 1910 [Recent] .....	Qt Karelia, Russia
† <b>Eocamisia Bulanova-Zachvatkina, 1974</b> .....	<b>Cretaceous</b>
88. <i>Eocamisia sukatshevae</i> Bulanova-Zachvatkina, 1974* .....	K Siberian amber
<b>Platynothrus Berlese, 1913</b> .....	<b>Quaternary – Recent</b>
89. <i>Platynothrus peltifer</i> (C. L. Koch, 1839) [Recent] .....	Qt Greenland
90. <i>Platynothrus punctatus</i> (L. Koch, 1879) [Recent] .....	Qt northern Europe
<b>CROTONIIDAE Thorell, 1876</b> .....	<b>Neogene – Recent</b>
= HOLONOTHRIDAE Wallwork, 1963	
<b>Crotonia Thorell, 1876</b> .....	<b>Neogene – Recent</b>
91. <i>Crotonia ramus</i> (Womersley, 1957) .....	Ne Australian retinite
<b>HERMANNIIDAE Sellnick, 1928</b> .....	<b>Palaeogene – Recent</b>
= GALAPAGACARIDAE P. Balogh, 1985	
<b>Hermannia Nicolet, 1855</b> .....	<b>Palaeogene – Recent</b>
92. <i>Hermannia gibba</i> (C. L. Koch, 1839) [Recent] .....	Qt Finland
93. <i>Hermannia reticulata</i> Thorell, 1871 [Recent] .....	Qt Subarctic – Arctic
94. <i>Hermannia scabra</i> (L. Koch, 1879) [Recent] .....	Qt Greenland
95. <i>Hermannia sellnicki</i> Norton, 2006 .....	Pa Baltic amber
<b>MALACONOTHRIDAE Berlese, 1916</b> .....	<b>Quaternary – Recent</b>

<b><i>Malacoethrus</i> Berlese, 1904</b> .....	<b>Quaternary – Recent</b>
96. <i>Malacoethrus monodactylus</i> (Michael, 1888) <b>[Recent]</b> .....	Qt Europe
<b><i>Trimalacoethrus</i> Berlese, 1916</b> .....	<b>Quaternary – Recent</b>
97. <i>Trimalacoethrus maior</i> (Berlese, 1910) <b>[Recent]</b> .....	Qt northern Europe
<b>NANHERMANIIDAE Sellnick, 1928</b> .....	<b>Quaternary – Recent</b>
<b><i>Nanhermannia</i> Berlese, 1913</b> .....	<b>Quaternary – Recent</b>
98. <i>Nanhermannia coronata</i> Berlese, 1913 <b>[Recent]</b> .....	Qt Karelia, Russia
99. <i>Nanhermannia elegantula</i> Berlese, 1913 <b>[Recent]</b> .....	Qt Germany
<b>NOTHRIDAE Berlese, 1896</b> .....	<b>Paleogene – Recent</b>
<b><i>Nothrus</i> C. L. Koch, 1836</b> .....	<b>Paleogene – Recent</b>
100. <i>Nothrus illautus</i> Sellnick, 1919 .....	Pa Baltic amber
101. <i>Nothrus punctulum</i> Karsch, 1884 .....	Pa Baltic amber
102. <i>Nothrus silvestris</i> Nicolet, 1855 <b>[Recent]</b> .....	Qt Europe
<b>TRHYPOCHTHONIIDAE Willmann, 1931</b> .....	<b>Jurassic – Recent</b>
= ALLONOTHRIDAE Lee, 1985	
= MUCRONOTHRIDAE Kunst, 1972	
= PARALLONOTHRIDAE Badejo, Woas & Beck, 2002	
= TRHYPOCHTHONIELLIDAE Knülle, 1957	
<b><i>Allonothrus</i> van der Hammen, 1953</b> .....	<b>Neogene – Recent</b>
<i>Allonothrus</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
† <b><i>Juracarus</i> Krivolutsky in Krivolutsky &amp; Krasilov, 1977</b> .....	<b>Jurassic – Recent</b>
103. <i>Juracarus serratus</i> Krivolutsky in Krivolutsky & Krasilov, 1977 .....	J Russian far east
<b><i>Mucronothrus</i> Trägårdh, 1931</b> .....	<b>Quaternary – Recent</b>
104. <i>Mucronothrus nasalis</i> (Willmann, 1929) <b>[Recent]</b> .....	Qt Karelia, Russia
† <b><i>Palaeochthonius</i> Krivolutsky in Krivolutsky &amp; Krasilov, 1977</b> .....	<b>Jurassic – Recent</b>
105. <i>Palaeochthonius krasilovi</i> Krivolutsky in Kriv. & Krasilov, 1977 .....	J Russian far east
<b><i>Trhypochthonius</i> Berlese, 1904</b> .....	<b>Palaeogene – Recent</b>
106. <i>Trhypochthonius badiformis</i> Sellnick, 1931 .....	Pa Baltic amber
107. <i>Trhypochthonius cladonicola</i> (Willmann, 1919) <b>[Recent]</b> .....	Qt Germany
108. <i>Trhypochthonius corniculatus</i> Sellnick, 1931 .....	Pa Baltic amber
109. <i>Trhypochthonius tectorum</i> (Berlese, 1896) <b>[Recent]</b> .....	Qt Karelia, Russia
<b>BRACHYPYLINA Hull, 1918 (cohort)</b> .....	<b>Jurassic – Recent</b>
= CIRCUMDEHISCENTIAE Grandjean, 1954b	
= PORONOTA Grandjean, 1954b [in part; taxon used for seven brachypyline superfamilies]	
<b>superfamily uncertain</b>	
<b>ARIBATIDAE Aoki, Takaku &amp; Ito, 1994</b> .....	<b>Recent</b>
no fossil record	

<b>HERMANNIELLOIDEA Grandjean, 1934</b> .....	<b>Paleogene – Recent</b>
<b>HERMANNIELLIDAE Grandjean, 1934</b> .....	<b>Paleogene – Recent</b>
<b><i>Hermanniella</i> Berlese, 1908</b> .....	<b>Paleogene – Recent</b>
110. <i>Hermanniella concamerata</i> Sellnick, 1931 .....	Pa Baltic amber
111. <i>Hermanniella tuberculata</i> Sellnick, 1919 .....	Pa Baltic amber
<b><i>Sacculobates</i> Grandjean, 1962</b> .....	<b>Neogene – Recent</b>
<i>Sacculobates</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>PLASMOBATIDAE Grandjean, 1961a</b> .....	<b>Recent</b>
no fossil record	
<b>NEOLIODOIDEA Sellnick, 1928</b> .....	<b>Palaeogene – Recent</b>
= LIODOIDEA Grandjean, 1954b	
<b>NEOLIODIDAE Sellnick, 1928</b> .....	<b>Palaeogene – Recent</b>
= LIODIDAE Grandjean, 1954b	
<b><i>Neoliodes</i> Berlese, 1888</b> .....	<b>Palaeogene – Recent</b>
= <i>Liodes</i> von Heyden, 1826 [preoccupied]	
112. <i>Neoliodes brevitarsus</i> (Woolley, 1971) .....	Ne Chiapas amber
113. <i>Neoliodes dominicus</i> Heethoff, Helfen & Norton, 2009 .....	Ne Dominican amber
114. <i>Neoliodes quadriscutatus</i> Sellnick, 1919 .....	Pa Baltic amber
<i>Neoliodes</i> sp. in Norton & Poinar (1993) [as <i>Liodes</i> ] .....	Ne Dominican amber
<b><i>Platyliodes</i> Berlese, 1917</b> .....	<b>Palaeogene – Recent</b>
115. <i>Platyliodes ensigerus</i> (Sellnick, 1919) .....	Pa Baltic amber
<b><i>Teleliodes</i> author, date?</b> .....	<b>Neogene – Recent</b>
<i>Teleliodes</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>PLATEREMAEOIDEA Trägårdh, 1926</b> .....	<b>Cretaceous – Recent</b>
= GYMNODAMAEOIDEA Grandjean, 1954a	
<b>ALEURODAMAEIDAE Paschoal &amp; Johnston, 1985</b> .....	<b>Recent</b>
no fossil record	
<b>GYMNODAMAEIDAE Grandjean, 1954a</b> .....	<b>Paleogene – Recent</b>
<b><i>Gymnodamaeus</i> Kulczynski, 1902</b> .....	<b>Paleogene – Recent</b>
116. <i>Gymnodamaeus sepotisus</i> Sellnick, 1919 .....	Pa Baltic amber
<b>IDIODAMAEIDAE Paschoal, 1987</b> .....	<b>Recent</b>
no fossil record	
<b>LICNOBELBIDAE Grandjean, 1965a</b> .....	<b>Recent</b>
no fossil record	

<b>LICNODAMAEIDAE Grandjean, 1954b</b> .....	<b>Recent</b>
= NACUNANSELLIDAE author, date	
no fossil record	
<b>LYRIFISSIELLIDAE Paschoal, 1987</b> .....	<b>Recent</b>
no fossil record	
<b>PEDROCORTESELLIDAE Paschoal, 1987</b> .....	<b>Recent</b>
no fossil record	
<b>PHEROLIODIDAE Paschoal, 1987</b> .....	<b>Recent</b>
= HAMMERIELLIDAE Paschoal, 1987	
= NOOLIODIDAE Paschoal, 1987	
no fossil record	
<b>PLATEREMAEIDAE Trägårdh, 1926</b> .....	<b>Cretaceous – Recent</b>
<b><i>Rasnitsynella</i> Krivoluckij, 1976</b> .....	<b>Cretaceous</b>
117. <i>Rasnitsynella punctulata</i> Krivoluckij, 1976 .....	K Taymir amber
<b>DAMAEOIDEA Berlese, 1896</b> .....	<b>Paleogene – Recent</b>
<b>DAMAEIDAE Berlese, 1896</b> .....	<b>Paleogene – Recent</b>
Damaeidae sp. <i>in Aoki</i> (1974) .....	Qt Mizunami copal
<b><i>Belba</i> von Heyden, 1826</b> .....	<b>Quaternary – Recent</b>
118. <i>Belba compta</i> (Kulczynski, 1902) <b>[Recent]</b> .....	Qt western Norway
119. <i>Belba cornyops</i> (Hermann, 1804)* <b>[Recent]</b> .....	Qt Finland
† <b><i>Belbites</i> Pampaloni, 1902</b> .....	<b>Neogene</b>
120. <i>Belbites disodilis</i> Pampaloni, 1902* .....	Ne? Sicily
<b><i>Damaeobelba</i> Sellnick, 1928</b> .....	<b>Quaternary – Recent</b>
121. <i>Damaeobelba minutissima</i> (Sellnick, 1920) <b>[Recent]</b> .....	Qt Germany
<b><i>Damaeus</i> C. L. Koch, 1835</b> .....	<b>Paleogene – Recent</b>
122. <i>Damaeus auritus</i> C. L. Koch, 1835* <b>[Recent]</b> .....	Qt Finland
123. <i>Damaeus genadensis</i> Sellnick, 1931 .....	Pa Baltic amber
<b><i>Spatiodamaeus</i> Bulanova-Zachvatkina, 1967</b> .....	<b>Quaternary – Recent</b>
124. <i>Spatiodamaeus verticillipes</i> (Nicolet, 1855)* <b>[Recent]</b> .....	Qt Finland
<b>CEPHEOIDEA Berlese, 1896</b> .....	<b>Cretaceous – Recent</b>
= EUTEGOIDEA Balogh, 1965	
<b>ANDEREMAEIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>CEPHEIDAE Berlese, 1896</b> .....	<b>Cretaceous – Recent</b>
= COMPATOZETIDAE Luxton, 1988	

<b>Cepheus C. L. Koch, 1835</b> .....	<b>Paleogene – Recent</b>
125. <i>Cepheus cepheiformis</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt Finland
126. <i>Cepheus dentatus</i> (Michael, 1888) <b>[Recent]</b> .....	Qt Finland
127. <i>Cepheus implicatus</i> (Sellnick, 1919) .....	Pa Baltic amber
128. <i>Cepheus latus</i> C. L. Koch, 1835* <b>[Recent]</b> .....	Qt Finland
<b>Eupterotegaeus Berlese, 1916</b> .....	<b>Cretaceous – Recent</b>
129. <i>Eupterotegaeus bitranslamellatus</i> Arillo & Subías, 2002 .....	K Álava amber
<b>Ommatocepheus Berlese, 1913</b> .....	<b>Cretaceous – Recent</b>
130. <i>Ommatocepheus nortoni</i> Arillo, Subías & Shtanchaeva, 2008 .....	K Álava amber
<b>CEROCEPHEIDAE Mahunka, 1986</b> .....	<b>Recent</b>
no fossil record	
<b>EUTEGAEIDAE Balogh, 1965</b> .....	<b>Recent</b>
= PTEROZETIDAE Luxton, 1988	
no fossil record	
<b>MICROTEGEIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>NODOCEPHEIDAE Piffi, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>NOSYBEIDAE Mahunka, 1994</b> .....	<b>Recent</b>
no fossil record	
<b>PTEROBATIDAE Balogh &amp; Balogh, 1992</b> .....	<b>Recent</b>
no fossil record	
<b>POLYPTEROZETOIDEA Grandjean, 1959</b> .....	<b>Recent</b>
<b>PODOPTEROTEGAEIDAE Piffi, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>POLYPTEROZETIDAE Grandjean, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>TUMEROZETIDAE Hammer, 1966</b> .....	<b>Recent</b>
no fossil record	
<b>MICROZETOIDEA Grandjean, 1936a</b> .....	<b>Recent</b>
<b>MICROZETIDAE Grandjean, 1936a</b> .....	<b>Recent</b>



no fossil record

**AMEROIDEA Bulanova-Zachvatkina, 1957** ..... **Palaeogene – Recent**

= AMEROBELBOIDEA Grandjean, 1954*b*

= CALEREMEIOIDEA Grandjean, 1965*c*

**AMERIDAE Bulanova-Zachvatkina, 1957** ..... **Recent**

no fossil record

**AMEROBELBIDAE Grandjean, 1961*b*** ..... **Recent**

no fossil record

**BASILOBELBIDAE Balogh, 1961** ..... **Recent**

no fossil record

**CALEREMAEIDAE Grandjean, 1965*c*** ..... **Palaeogene – Recent**

***Caleremaeus* Berlese, 1910** ..... **Palaeogene – Recent**

131. *Caleremaeus gleso* Sellnick, 1931 ..... Pa Baltic amber

**CTENOBELBIDAE Grandjean, 1965*b*** ..... **Recent**

no fossil record

**DAMAEOLIDAE Grandjean, 1965*b*** ..... **Recent**

no fossil record

**EREMOBELBIDAE Balogh, 1961** ..... **Recent**

no fossil record

**EREMULIDAE Grandjean, 1965*b*** ..... **Recent**

no fossil record

**HETEROBELBIDAE Balogh, 1961** ..... **Recent**

no fossil record

**HUNGAROBELBIDAE Miko & Travé, 1996** ..... **Recent**

no fossil record

**STAUROBATIDAE Grandjean, 1966** ..... **Recent**

no fossil record

**ZETORCHESTOIDEA Michael, 1898** ..... **Cretaceous – Recent**

= EREMAEOIDEA Oudemans, 1900

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

† <b>ARCHAEORCHESTIDAE Arillo &amp; Subías, 2000</b> .....	<b>Cretaceous</b>
† <b>Plategeocranus Sellnick, 1919</b> .....	<b>Palaeogene</b>
132. <i>Plategeocranus sulcatus</i> (Karsch, 1884)* .....	Pa Baltic amber
† <b>Strieremaeus Sellnick, 1919</b> .....	<b>Cretaceous – Recent</b>
= † <i>Archaeorchestes</i> Arillo & Subías, 2000	
133. <i>Strieremaeus illibatus</i> Sellnick, 1919 .....	Pa Baltic amber
134. <i>Strieremaeus minguezae</i> (Arillo & Subías, 2000) .....	K Álava amber
<b>EREMAEIDAE Oudemans, 1900</b> .....	<b>Paleogene – Recent</b>
<b>Eremaeus C. L. Koch, 1836</b> .....	<b>Paleogene – Recent</b>
135. <i>Eremaeus hepaticus</i> C. L. Koch, 1835* <b>[Recent]</b> .....	Qt Germany
136. <i>Eremaeus oblongus</i> <b>[Recent]</b> <i>fossilis</i> Sellnick, 1919 .....	Pa Baltic amber
<b>Eueremaeus Mihelcic, 1963</b> .....	<b>Quaternary – Recent</b>
137. <i>Eueremaeus silvestris</i> (Forsslund, 1956) <b>[Recent]</b> .....	Qt Finland
† <b>Gradidorsum Sellnick, 1919</b> .....	<b>Palaeogene – Recent</b>
138. <i>Gradidorsum asper</i> Sellnick, 1919* .....	Pa Baltic amber
<b>MEGEREMAEIDAE Woolley &amp; Higgins, 1968</b> .....	<b>Recent</b>
no fossil record	
<b>NIPHOCEPHEIDAE Travé, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>ZETORCHESTIDAE Michael, 1898</b> .....	<b>Palaeogene – Recent</b>
Zetorchestidae spp. <i>in</i> Sidorchuk & Norton (2011) .....	Pa Rovno amber
<b>GUSTAVIOIDEA Oudemans, 1900</b> .....	<b>Jurassic – Recent</b>
= LIACAROIDEA Sellnick, 1928	
<b>ASTEGISTIDAE Balogh, 1961</b> .....	<b>Jurassic – Recent</b>
<b>Astegistes Hull, 1916</b> .....	<b>Quaternary – Recent</b>
139. <i>Astegistes pilosus</i> (C. L. Koch, 1840) <b>[Recent]</b> .....	Qt Karelia, Russia
<b>Cultroribula Berlese, 1908</b> .....	<b>Jurassic – Recent</b>
140. <i>Cultroribula jurassica</i> Krivolutsky <i>in</i> Krivolutsky & Krasilov, 1977 .....	J Russian far east
141. <i>Cultroribula lauta</i> Sellnick, 1931 .....	Pa Baltic amber
142. <i>Cultroribula superba</i> Sellnick, 1931 .....	Pa Baltic amber
<b>GUSTAVIIDAE Oudemans, 1900</b> .....	<b>Quaternary – Recent</b>
<b>Gustavia Kramer, 1879</b> .....	<b>Quaternary – Recent</b>
143. <i>Gustavia microcephala</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt Finland
<b>KODIAKELLIDAE Hammer, 1967</b> .....	<b>Recent</b>
no fossil record	

<b>LIACARIDAE Sellnick, 1928</b> .....	<b>Quaternary – Recent</b>
= XENILLIDAE Woolley & Higgins, 1966	
<b>Adoristes Hull, 1916</b> .....	<b>Quaternary – Recent</b>
144. <i>Adoristes ovatus</i> (C. L. Koch, 1839)* <b>[Recent]</b> .....	Qt northern Europe
<b>Liacarus Michael, 1898</b> .....	<b>Quaternary – Recent</b>
145. <i>Liacarus coracinus</i> (C. L. Koch, 1841) <b>[Recent]</b> .....	Qt Finland
<b>Xenillus Robineau-Desvoidy, 1839</b> .....	<b>Paleogene – Recent</b>
146. <i>Xenillus tegeocraniformis</i> (Sellnick, 1919) .....	Pa Baltic amber
 <b>MULTORIBULIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
 <b>PELOPPIIDAE Balogh, 1943</b> .....	<b>Paleogene – Recent</b>
<b>Ceratoppia Berlese, 1908</b> .....	<b>Paleogene – Recent</b>
147. <i>Ceratoppia bipilis fossilis</i> Sellnick, 1919 .....	Pa Baltic amber
i. = <i>Oribates politus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
148. <i>Ceratoppia quadridentata</i> (Haller, 1882) <b>[Recent]</b> .....	Qt Finland
 <b>TENUIALIDAE Jacot, 1929</b> .....	<b>Quaternary – Recent</b>
<b>Hafenrefferia Oudemans, 1906</b> .....	<b>Quaternary – Recent</b>
149. <i>Hafenrefferia gilvipes</i> (C. L. Koch, 1839)* <b>[Recent]</b> .....	Qt Finland
 <b>CARABODOIDEA C. L. Koch, 1843b</b> .....	<b>Palaeogene – Recent</b>
= OCTOCEPHOIDEA Balogh, 1961	
<b>CARABOCEPHEIDAE Mahunka, 1986</b> .....	<b>Recent</b>
no fossil record	
 <b>CARABODIDAE C. L. Koch, 1843b</b> .....	<b>Palaeogene – Recent</b>
<b>Carabodes C. L. Koch, 1835</b> .....	<b>Palaeogene – Recent</b>
150. <i>Carabodes areolatus</i> Berlese, 1916 <b>[Recent]</b> .....	Qt Karelia, Russia
151. <i>Carabodes coriaceus</i> C. L. Koch, 1835* <b>[Recent]</b> .....	Qt Finland
152. <i>Carabodes coriaceus</i> <b>[Recent]</b> <i>fossilis</i> Sellnick, 1931 .....	Pa Baltic amber
153. <i>Carabodes dissonus</i> Sellnick, 1931 .....	Pa Baltic amber
154. <i>Carabodes gerberi</i> Sellnick, 1931 .....	Pa Baltic amber
155. <i>Carabodes laybrinthicus</i> (Michael, 1879) <b>[Recent]</b> .....	Qt Europe
156. <i>Carabodes labyrinthicus</i> <b>[Recent]</b> <i>fossilis</i> Sellnick, 1931 .....	Pa Baltic amber
157. <i>Carabodes marginatus</i> (Michael, 1884) <b>[Recent]</b> .....	Qt Finland
158. <i>Carabodes minusculus</i> Berlese, 1923 <b>[Recent]</b> .....	Qt Germany
159. <i>Carabodes ornatus</i> Storkan, 1925 <b>[Recent]</b> .....	Qt Finland
160. <i>Carabodes subarcticus</i> Trägårdh, 1902 <b>[Recent]</b> .....	Qt Finland
161. <i>Carabodes willmanni</i> Bernini, 1975 <b>[Recent]</b> .....	Qt western Norway

? <i>Carabodes</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
† <b>Carabodites Pampaloni, 1902</b> .....	Neogene?
162. <i>Carabodites pavesii</i> Pampaloni, 1902* .....	Ne? Sicily
<b>Odontocepheus Berlese, 1913</b> .....	Quaternary – Recent
163. <i>Odontocepheus elongatus</i> (Michael, 1879)* <b>[Recent]</b> .....	Qt Finland
<b>DAMPFIELLIDAE Balogh, 1961</b> .....	Recent
no fossil record	
<b>HEXOPPIIDAE Balogh, 1983</b> .....	Recent
no fossil record	
<b>LUXTONIIDAE Mahunka, 2001</b> .....	Recent
no fossil record	
<b>NIPPOBODIDAE Aoki, 1959</b> .....	Recent
no fossil record	
<b>OTOCEPHEIDAE Balogh, 1961</b> .....	Paleogene – Recent
<b>Dolicheremaeus Jacot, 1938</b> .....	Neogene – Recent
<i>Dolicheremaeus</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>Otocepheus Berlese, 1905</b> .....	Paleogene – Recent
164. <i>Otocepheus niger</i> Sellnick, 1931 .....	Pa Baltic amber
165. <i>Otocepheus praesignis</i> Sellnick, 1931 .....	Pa Baltic amber
<b>TOKUNOCEPHEIDAE Aoki, 1966a</b> .....	Recent
no fossil record	
<b>OPPIOIDEA Grandjean, 1951</b> .....	Palaeogene – Recent
= EREMELLOIDEA Balogh, 1961 [in part]	
= TRIZETOIDEA Ewing, 1917 [in part]	
<b>AUTOGNETIDAE Grandjean, 1960b</b> .....	Quaternary – Recent
<b>Conchogneta Grandjean, 1963</b> .....	Quaternary – Recent
166. <i>Conchogneta traegardhi</i> (Forsslund, 1947) <b>[Recent]</b> .....	Qt Finland
<b>ARCEREMAEIDAE Balogh, 1972</b> .....	Recent
no fossil record	
<b>BORHIDIIDAE Balogh, 1983</b> .....	Recent
no fossil record	
<b>CHAVINIIDAE Balogh, 1983</b> .....	Recent

no fossil record

**ENANTIOPPIIDAE Balogh, 1983** ..... **Recent**

no fossil record

**EPIMERELLIDAE Ayyildiz & Luxton, 1989** ..... **Recent**

no fossil record

**GRANULOPPIIDAE Balogh, 1983** ..... **Recent**

no fossil record

**MACHADOBELBIDAE Balogh, 1972** ..... **Recent**

no fossil record

**MACHUELLIDAE Balogh, 1893** ..... **Recent**

no fossil record

**NOSYBELBIDAE Mahunka, 1994** ..... **Recent**

no fossil record

**OPPIIDAE Grandjean, 1951** ..... **Palaeogene – Recent**

***Dissorhina* Hull, 1916** ..... **Quaternary – Recent**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

181. *Oppites melilli* Pampaloni, 1902\* ..... Ne? Sicily

***Ramusella* Hammer, 1962** ..... **Quaternary – Recent**

182. *Ramusella clavipectinata* (Michael, 1885) **[Recent]** ..... Qt Germany

<b>OXYAMERIDAE Aoki, 1965</b> .....	<b>Recent</b>
no fossil record	
<b>PAPILLONOTIDAE Balogh, 1983</b> .....	<b>Recent</b>
no fossil record	
<b>PLATYAMERIDAE Balogh &amp; Balogh, 1983</b> .....	<b>Recent</b>
no fossil record	
<b>QUADROPPIIDAE Balogh, 1983</b> .....	<b>Recent</b>
no fossil record	
<b>RHYNCHORIBATIDAE Balogh, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>SPINOZETIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>STERNOPPIIDAE Balogh &amp; Mahunka, 1969</b> .....	<b>Recent</b>
no fossil record	
<b>SUCTOBELBIDAE Jacot, 1938</b> .....	<b>Palaeogene – Recent</b>
<b><i>Suctobelbella</i> Jacot, 1937</b> .....	<b>Palaeogene – Recent</b>
183. <i>Suctobelbella falcata</i> (Forsslund, 1941) <b>[Recent]</b> .....	Qt Germany
184. <i>Suctobelbella latirostris</i> (Strenzke, 1950) <b>[Recent]</b> .....	Qt Germany
185. <i>Suctobelbella longirostris</i> (Forsslund, 1941) <b>[Recent]</b> .....	Qt western Norway
186. <i>Suctobelbella sarekensis</i> (Forsslund, 1941) <b>[Recent]</b> .....	Qt Europe
187. <i>Suctobelbella similis</i> (Forsslund, 1941) <b>[Recent]</b> .....	Qt Germany
188. <i>Suctobelbella subcornigera</i> (Forsslund, 1941) <b>[Recent]</b> .....	Qt Germany
189. <i>Suctobelbella subtrigona</i> (Oudemans, 1916) <b>[Recent]</b> .....	Qt Europe
190. <i>Suctobelbella subtrigona</i> <b>[Recent]</b> <i>fossilis</i> (Sellnick, 1931) .....	Pa Baltic amber
<b>TERATOPPIIDAE Balogh, 1983</b> .....	<b>Recent</b>
no fossil record	
<b>TETRACONDYLIDAE Aoki, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>THYRISOMIDAE Grandjean, 1954b</b> .....	<b>Quaternary – Recent</b>
<b><i>Banksinoma</i> Oudemans, 1930</b> .....	<b>Quaternary – Recent</b>
191. <i>Banksinoma lanceolata</i> (Michael, 1885)* <b>[Recent]</b> .....	Qt Europe

<b>TRIZETIDAE Ewing, 1917</b> .....	<b>Recent</b>
no fossil record	
<b>TUPAREZETIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>TECTOCEPHEOIDEA Grandjean, 1954b</b> .....	<b>Paleogene – Recent</b>
<b>TECTOCEPHEIDAE Oudemans, 1900</b> .....	<b>Paleogene – Recent</b>
<b><i>Tectocepheus</i> Berlese, 1895</b> .....	<b>Paleogene – Recent</b>
192. <i>Tectocepheus minor</i> Berlese, 1903 <b>[Recent]</b> .....	Qt western Norway
193. <i>Tectocepheus similis</i> Sellnick, 1931 .....	Pa Baltic amber
194. <i>Tectocepheus velatus</i> (Michael, 1880)* <b>[Recent]</b> .....	Qt northern Europe
<b>HYDROZETOIDEA Grandjean, 1954b</b> .....	<b>Jurassic – Recent</b>
<b>HYDROZETIDAE Grandjean, 1954b</b> .....	<b>Jurassic – Recent</b>
<b><i>Hydrozetes</i> Berlese, 1902</b> .....	<b>Jurassic – Recent</b>
195. <i>Hydrozetes confervae</i> (Schrank, 1791) <b>[Recent]</b> .....	Qt western Norway
196. <i>Hydrozetes lacustris</i> (Michael, 1882)* <b>[Recent]</b> .....	Qt northern Europe
197. <i>Hydrozetes oryktosis</i> Woolley, 1969 .....	Qt Michigan
<i>Hydrozetes</i> sp. in Sivhead & Wallwork (1978) .....	J Sweden
<b>LIMNOZETIDAE Thor, 1937</b> .....	<b>Quaternary – Recent</b>
<b><i>Limnozetes</i> Hull, 1916</b> .....	<b>Quaternary – Recent</b>
198. <i>Limnozetes ciliatus</i> (Schrank, 1803)* <b>[Recent]</b> .....	Qt northern Europe
199. <i>Limnozetes rugosus</i> (Sellnick, 1923) <b>[Recent]</b> .....	Qt northern Europe
<b>AMERONOTHROIDEA Willmann, 1931</b> .....	<b>Quaternary – Recent</b>
<b>AMERONOTHRIDAE Willmann, 1931</b> .....	<b>Quaternary – Recent</b>
<b><i>Ameronothrus</i> Berlese, 1896</b> .....	<b>Quaternary – Recent</b>
200. <i>Ameronothrus lineatus</i> (Thorell, 1871)* <b>[Recent]</b> .....	Qt Europe / Greenland
201. <i>Ameronothrus maculatus</i> (Michael, 1882) <b>[Recent]</b> .....	Qt western Norway
<b>FORTUYNIIDAE van der Hammen, 1963</b> .....	<b>Recent</b>
no fossil record	
<b>SELENORIBATIDAE Schuster, 1963</b> .....	<b>Recent</b>
no fossil record	
<b>TEGEOCRANELLIDAE Balogh, 1987</b> .....	<b>Recent</b>
no fossil record	
<b>CYMBAEREMAEOIDEA Sellnick, 1928</b> .....	<b>Jurassic – Recent</b>

<b>CYBAEREMAEIDAE Sellnick, 1928</b> .....	<b>Jurassic – Recent</b>
= AMETROPROCTIDAE Subías, 2004	
= SCAPHEREMAEIDAE Subías, 2004	
<b><i>Ametroproctus</i> Higgins &amp; Woolley, 1968</b> .....	<b>Cretaceous – Recent</b>
202. <i>Ametroproctus valeriae</i> Arillo, Subías & Shtanchaeva, 2009 .....	K San Just amber
<b><i>Cymbaeremaeus</i> Berlese, 1896</b> .....	<b>Paleogene – Recent</b>
203. <i>Cymbaeremaeus cymba</i> (Nicolet, 1855)* <b>[Recent]</b> .....	Qt northern Europe
† <b><i>Jureremus</i> Krivolutsky in Krivolutsky &amp; Krasilov, 1977</b> .....	<b>Jurassic</b>
204. <i>Jureremus foveolatus</i> Krivolutsky in Krivolutsky & Krasilov, 1977* .....	J Russian far east
205. <i>Jureremus phippsi</i> Selden, Baker & Phipps, 2008 .....	J Yorkshire, UK
<b><i>Scapheremaeus</i> Berlese, 1910</b> .....	<b>Paleogene – Recent</b>
206. <i>Scapheremaeus undosus</i> Sellnick, 1919 .....	Pa Baltic amber
† <b><i>Tectocymba</i> Sellnick, 1919</b> .....	<b>Paleogene – Recent</b>
207. <i>Tectocymba rara</i> Sellnick, 1919* .....	Pa Baltic amber
<b>EREMAEOZETOIDEA Piffli, 1972</b> .....	<b>Paleogene – Recent</b>
= IDIOZETOIDEA Aoki, 1976	
<b>EREMAEOZETIDAE Piffli, 1972</b> .....	<b>Paleogene – Recent</b>
<b><i>Eremaeozetes</i> Berlese, 1913</b> .....	<b>Paleogene – Recent</b>
= † <i>Scutoribates</i> Sellnick, 1919	
<i>Eremaeozetes</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>IDIOZETIDAE Aoki, 1976</b> .....	<b>Recent</b>
no fossil record	
<b>LICNEREMAEOIDEA Grandjean, 1931</b> .....	<b>Palaeogene – Recent</b>
= CHARASSOBATOIDEA Grandjean, 1958b	
<b>ADHAESOZETIDAE Hammer, 1973</b> .....	<b>Recent</b>
no fossil record	
<b>CHARASSOBATIDAE Grandjean, 1958b</b> .....	<b>Recent</b>
no fossil record	
<b>DENDEROEREMAEIDAE Behan-Pelletier, Eamer &amp; Clavton, 2005</b> .....	<b>Recent</b>
no fossil record	
<b>EREMELLIDAE Balogh, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>LAMELLAREIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	



<b>LICNEREMAEIDAE Grandjean, 1931</b> .....	<b>Palaeogene – Recent</b>
<b><i>Licneremaeus</i> Paoli, 1908</b> .....	<b>Palaeogene – Recent</b>
208. <i>Licneremaeus fritschi</i> Sellnick, 1931 .....	Pa Baltic amber
209. <i>Licneremaeus licnophorus</i> (Michael, 1882) <b>[Recent]</b> .....	Qt Germany
<b>MICREREMIDAE Grandjean, 1954b</b> .....	<b>Jurassic – Recent</b>
<b><i>Micreremus</i> Grandjean, 1954b</b> .....[not Berlese 1908?].....	<b>Paleogene – Recent</b>
210. <i>Micreremus brevipes</i> (Michael, 1888)* <b>[Recent]</b> .....	Qt northern Europe
211. <i>Micreremus reticulatus</i> Sellnick, 1931 .....	Pa Baltic amber
212. <i>Micreremus scrobiculatus</i> Sellnick, 1931 .....	Pa Baltic amber
<b>PASSALOZETIDAE Grandjean, 1954b</b> .....	<b>Quaternary – Recent</b>
<b><i>Passalozetes</i> Grandjean, 1932a</b> .....	<b>Quaternary – Recent</b>
213. <i>Passalozetes africanus</i> Grandjean, 1932a <b>[Recent]</b> .....	Qt Finland
<b>SCUTOVERTICIDAE Grandjean, 1954b</b> .....	<b>Neogene – Recent</b>
<b><i>Arthrovertex</i> Balogh, 1970</b> .....	<b>Neogene – Recent</b>
214. <i>Arthrovertex hurdi</i> (Woolley, 1971).....	Ne Chiapas amber
<i>Arthrovertex</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b><i>Scutovertex</i> Michael, 1879</b> .....	<b>Quaternary – Recent</b>
215. <i>Scutovertex minutus</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt Germany
<b>PHENOPELOPOIDEA Petrunkevitch, 1955a</b> .....	<b>Palaeogene – Recent</b>
<b>PHENOPELOPIDAE Petrunkevitch, 1955a</b> .....	<b>Palaeogene – Recent</b>
= PELOPIDAE author, date?	
<b><i>Eupelops</i> Ewing, 1917</b> .....	<b>Palaeogene – Recent</b>
216. <i>Eupelops acromios</i> (Hermann, 1804) <b>[Recent]</b> .....	Qt Finland
217. <i>Eupelops curtipilus</i> (Berlese, 1916) <b>[Recent]</b> .....	Qt Germany
218. <i>Eupelops occultus</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt Kerelia, Russia
219. <i>Eupelops plicatus</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt northern Europe
220. <i>Eupelops punctulatus</i> (Sellnick, 1931) .....	Pa Baltic amber
221. <i>Eupelops uraceus</i> (C. L. Koch, 1839)* <b>[Recent]</b> .....	Qt Kerelia, Russia
<i>Eupelops</i> sp. in Karppinen & Koponen (1974) .....	Qt Finland
<b><i>Peloptulus</i> Berlese, 1908</b> .....	<b>Quaternary – Recent</b>
222. <i>Peloptulus phaenotus</i> (C. L. Koch, 1844)* <b>[Recent]</b> .....	Qt Germany
<b>UNDULORIBATIDAE Kunst, 1971</b> .....	<b>Palaeogene – Recent</b>
<b><i>Scutoribates</i> Sellnick, 1918</b> .....	<b>Palaeogene – Recent</b>
223. <i>Scutoribates perornatus</i> Sellnick, 1918 .....	Pa Baltic amber
<b><i>Unduloribates</i> Balogh, 1943</b> .....	<b>?Palaeogene – Recent</b>
224. <i>Unduloribates parvus</i> (Sellnick, 1931) .....	Pa Baltic amber

[generic affinities need clarification]

<b>ACHIPTERIOIDEA Thor, 1929</b> .....	<b>?Jurassic – Recent</b>
<b>ACHIPTERIIDAE Thor, 1929</b> .....	<b>?Jurassic – Recent</b>
<b><i>Achipteria</i> Berlese, 1885</b> .....	<b>?Jurassic – Recent</b>
225. <i>Achipteria coleoptera</i> (Linnaeus, 1757) <b>[Recent]</b> .....	Qt Finland / Greenland
226. ? <i>Achipteria obscura</i> Krivolutsky in Krivolutsky & Krasilov, 1977 .....	J Russian far east
[An <i>incertae sedis</i> taxon?]	
<b><i>Parachipteria</i> van der Hammen, 1952</b> .....	<b>Quaternary – Recent</b>
227. <i>Parachipteria punctata</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt northern Europe
228. <i>Parachipteria willmanni</i> van der Hammen, 1952 <b>[Recent]</b> .....	Qt Germany
<b>EPACTOZETIDAE Grandjean, 1936b</b> .....	<b>Recent</b>
no fossil record	
<b>TEGORIBATIDAE Grandjean, 1954b</b> .....	<b>Quaternary – Recent</b>
<b><i>Tegoribates</i> Ewing, 1917</b> .....	<b>Quaternary – Recent</b>
229. <i>Tegoribates latirostris</i> (C. L. Koch, 1844) <b>[Recent]</b> .....	Qt Finland
<b>ORIBATELLOIDEA Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>
<b>ORIBATELLIDAE Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>
<b><i>Oribatella</i> Banks, 1895</b> .....	<b>Palaeogene – Recent</b>
230. <i>Oribatella berleseii</i> (Michael, 1898) <b>[Recent]</b> .....	Qt Finland
231. <i>Oribatella calcarata</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt Kerelia, Russia
232. <i>Oribatella mirabilis</i> Sellnick, 1931 .....	Pa Baltic amber
<b>ORIPODOIDEA Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>
<b>CALOPPIIDAE Balogh, 1960</b> .....	<b>Recent</b>
= ?CRASSORIBATULIDAE author, date?	
no fossil record	
<b>CAMPBELLOBATIDAE J. Balogh &amp; P. Balogh, 1984</b> .....	<b>Recent</b>
no fossil record	
<b>CHAUNOPROCTIDAE Balogh, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>DRYMOBATIDAE J. Balogh &amp; P. Balogh, 1984</b> .....	<b>Recent</b>
no fossil record	
<b>HAPLOZETIDAE Grandjean, 1936c</b> .....	<b>Palaeogene – Recent</b>
= PROTORIBATIDAE J. Balogh & P. Balogh, 1984	

= XLOBATIDAE J. Balogh & P. Balogh, 1984

<b>Protoribates Berlese, 1908</b> .....	<b>Palaeogene – Recent</b>
233. <i>Protoribates longipilis</i> Sellnick, 1931 .....	Pa Baltic amber
<b>LAMELLAREIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>MAUDHEIMIIDAE J. Balogh &amp; P. Balogh, 1984</b> .....	<b>Recent</b>
no fossil record	
<b>MOCHLOZETIDAE Grandjean, 1960a</b> .....	<b>Neogene – Recent</b>
Mochlozetidae sp. <i>in</i> Norton & Poinar (1993) .....	Ne Dominican amber
<b>Mochloribatula Mahunka, 1978</b> .....	<b>Neogene – Recent</b>
234. <i>Mochloribatula smithi</i> (Woolley, 1971) .....	Ne Chiapas amber
<b>Mochlozetes Grandjean, 1930</b> .....	<b>Neogene – Recent</b>
<i>Mochlozetes</i> sp. <i>in</i> Norton & Poinar (1993) .....	Ne Dominican amber
<b>NASOBATIDAE Balogh, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>NEOTRICHOSZETIDAE Balogh, 1965</b> .....	<b>Recent</b>
no fossil record	
<b>NEOSZETIDAE J. Balogh &amp; P. Balogh, 1984</b> .....	<b>Recent</b>
no fossil record	
<b>ORIBATULIDAE Thor, 1929</b> .....	<b>Palaeogene – Recent</b>
Oribatulidae sp. <i>in</i> Aoki (1974) .....	Qt Mizunami copal
<b>Lucoppia Berlese, 1908</b> .....	<b>Palaeogene – Recent</b>
235. <i>Lucoppia simplex</i> Sellnick, 1919 .....	Pa Baltic amber
<b>Oribatula Berlese, 1895</b> .....	<b>Quaternary – Recent</b>
236. <i>Oribatula tibialis</i> (Nicolet, 1855)* <b>[Recent]</b> .....	Qt Europe
<b>Phauloppia Berlese, 1908</b> .....	<b>Palaeogene – Recent</b>
237. <i>Phauloppia lucorum</i> (C. L. Koch, 1841) <b>[Recent]</b> .....	Qt northern Europe
238. <i>Phauloppia pellucida</i> (Sellnick, 1931) .....	Pa Baltic amber
† <b>Sachalinella Rjabinin <i>in</i> Krivolutzkii &amp; Rjabinin, 1976</b> .....	<b>Palaeogene – Recent</b>
May be a homonym of a bivalve genus	
239. <i>Sachalinella zherichini</i> Rjabinin <i>in</i> Krivolutzkii & Rjabinin, 1976* .....	Pa Sachalin amber
<b>Zygoribatula Berlese, 1916</b> .....	<b>Quaternary – Recent</b>
240. <i>Zygoribatula exilis</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt northern Europe
<b>ORIPODIDAE Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>

= BIROBATIDAE J. Balogh & P. Balogh, 1984

<b>Benoibates Balogh, 1958</b> .....	<b>Neogene – Recent</b>
241. <i>Benoibates chiapasensis</i> (Woolley, 1971) .....	Ne Chiapas amber
<b>Oripoda Banks, 1904</b> .....	<b>Palaeogene – Recent</b>
242. <i>Oripoda baltica</i> Sellnick, 1931 .....	Pa Baltic amber
<i>Oripoda</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>Parapirnodus Balogh &amp; Mahunka, 1968</b> .....	<b>Neogene – Recent</b>
243. <i>Parapirnodus denaius</i> (Woolley, 1971) .....	Ne Chiapas amber
<b>PARAKALUMMIDAE Grandjean, 1936b</b> .....	<b>Palaeogene – Recent</b>
<b>Neoribates Berlese, 1914</b> .....	<b>Palaeogene – Recent</b>
244. <i>Neoribates borussicus</i> Sellnick, 1931 .....	Pa Baltic amber
<b>SCHELORIBATIDAE Grandjean, 1933</b> .....	<b>Palaeogene – Recent</b>
<b>Liebstadia Oudemans, 1906</b> .....	<b>Palaeogene – Recent</b>
245. <i>Liebstadia similiformis</i> Sellnick, 1931 .....	Pa Baltic amber
246. <i>Liebstadia similis</i> (Michael, 1888)* <b>[Recent]</b> .....	Qt Europe / Greenland
<b>Scheloribates Berlese, 1908</b> .....	<b>Palaeogene – Recent</b>
247. <i>Scheloribates apterus</i> Sellnick, 1931 .....	Pa Baltic amber
248. <i>Scheloribates areatus</i> Sellnick, 1931 .....	Pa Baltic amber
249. <i>Scheloribates durhami</i> (Woolley, 1971) .....	Ne Chiapas amber
250. <i>Scheloribates initialis</i> (Berlese, 1908) <b>[Recent]</b> .....	Qt Europe
251. <i>Scheloribates laevigatus</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt northern Europe
252. <i>Scheloribates latipes</i> (C. L. Koch, 1844) <b>[Recent]</b> .....	Qt Europe
253. <i>Scheloribates pallidulus</i> (C. L. Koch, 1841) <b>[Recent]</b> .....	Qt Germany
254. <i>Scheloribates setatus</i> Sellnick, 1931 .....	Pa Baltic amber
<b>SELLNICKIIDAE Balogh &amp; Balogh, 1984</b> .....	<b>Recent</b>
no fossil record	
<b>STELECHOBATIDAE Grandjean, 1965b</b> .....	<b>Recent</b>
no fossil record	
<b>SYMBIORIBATIDAE Aoki, 1966b</b> .....	<b>Recent</b>
no fossil record	
<b>TUBULOZETIDAE Balogh, 1989</b> .....	<b>Quaternary – Recent</b>
<b>Grandjeanobates Ramsay, 1967</b> .....	<b>Quaternary – Recent</b>
? <i>Grandjeanobates</i> sp. ....	Qt New Zealand
<b>ZETOMOTRICHIDAE Grandjean, 1954b</b> .....	<b>Paleogene – Recent</b>
Zetomotrichidae sp. in Sidorchuk & Norton (2011) .....	P Baltic amber

<b>CERATOZETOIDEA Jacot, 1925</b> .....	<b>Paleogene – Recent</b>
<b>CERATOKALUMMIDAE Balogh, 1970</b> .....	<b>Recent</b>
no fossil record	
<b>CERATOZETIDAE Jacot, 1925</b> .....	<b>Paleogene – Recent</b>
<b>Ceratozetes Berlese, 1908</b> .....	<b>Quaternary – Recent</b>
255. <i>Ceratozetes gracilis</i> (Michael, 1884)* <b>[Recent]</b> .....	Qt Finland
256. <i>Ceratozetes minimus</i> Sellnick, 1928 <b>[Recent]</b> .....	Qt Germany
257. <i>Ceratozetes parvulus</i> Sellnick, 1922 <b>[Recent]</b> .....	Qt Germany
<b>Diapterobates Grandjean, 1936b</b> .....	<b>Quaternary – Recent</b>
258. <i>Diapterobates notatus</i> (Thorell, 1871) <b>[Recent]</b> .....	Qt Europe / Greenland
<b>Edwardzetes Berlese, 1914</b> .....	<b>Quaternary – Recent</b>
259. <i>Edwardzetes edwardsi</i> (Nicolet, 1855)* <b>[Recent]</b> .....	Qt western Norway
<b>Fuscozetes Sellnick, 1928</b> .....	<b>Quaternary – Recent</b>
260. <i>Fuscozetes fuscipes</i> (C. L. Koch, 1844)* <b>[Recent]</b> .....	Qt western Norway
<b>Melanozetes Hull, 1916</b> .....	<b>Paleogene – Recent</b>
261. <i>Melanozetes foderatus</i> Sellnick, 1931 .....	Pa Baltic amber
262. <i>Melanozetes mollicornus</i> <b>[Recent]</b> <i>fossilis</i> Sellnick, 1931 .....	Pa Baltic amber
263. <i>Melanozetes meridianus</i> Sellnick, 1928 <b>[Recent]</b> .....	Qt Greenland
<i>Melanozetes</i> sp. in Karpinen et al. (1979) .....	Qt Karelia, Russia
<b>Oromucia Thor, 1930</b> .....	<b>Quaternary – Recent</b>
264. <i>Oromucia bicuspidata</i> Thor, 1930* <b>[Recent]</b> .....	Qt western Norway
265. <i>Oromucia lucens</i> (C. L. Koch, date?) <b>[Recent]</b> .....	Qt Greenland
<b>Sphaerozetes Berlese, 1885</b> .....	<b>Paleogene – Recent</b>
266. <i>Sphaerozetes convexulus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
267. <i>Sphaerozetes piriformis</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt Finland
268. <i>Sphaerozetes primus</i> Sellnick, 1931 .....	Pa Baltic amber
<b>Trichoribates Berlese, 1910</b> .....	<b>Quaternary – Recent</b>
269. <i>Trichoribates biarea</i> Gjelstrup & Solhøy, 1994 <b>[Recent]</b> .....	Qt western Norway
270. <i>Trichoribates incisellus</i> (Kramer, 1897) <b>[Recent]</b> .....	Qt Europe
271. <i>Trichoribates monticola</i> (Trägårdh, 1902) <b>[Recent]</b> .....	Qt western Norway
272. <i>Trichoribates setiger</i> (Trägårdh, 1910) <b>[Recent]</b> .....	Qt western Norway
273. <i>Trichoribates trimaculatus</i> (C. L. Koch, 1835)* <b>[Recent]</b> .....	Qt northern Europe
<b>CHAMOBATIDAE Thor, 1937</b> .....	<b>Paleogene – Recent</b>
<b>Chamobates Hull, 1916</b> .....	<b>Paleogene – Recent</b>
274. <i>Chamobates borealis</i> (Trägårdh, 1902) <b>[Recent]</b> .....	Qt western Norway
275. <i>Chamobates cuspidatus</i> (Michael, 1884) <b>[Recent]</b> .....	Qt Finland
276. <i>Chamobates difficilis</i> Sellnick, 1931 .....	Pa Baltic amber

<b>EUZETIDAE Grandjean, 1954b</b> .....	<b>Quaternary – Recent</b>
<b><i>Euzetes</i> Berlese, 1908</b> .....	<b>Quaternary – Recent</b>
277. <i>Euzetes globulus</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt Finland
<b>HUMEROBATIDAE Grandjean, 1970</b> .....	<b>Recent</b>
no fossil record	
<b>MYCOBATIDAE Grandjean, 1954b</b> .....	<b>Quaternary – Recent</b>
<b><i>Mycobates</i> Hull, 1916</b> .....	<b>Quaternary – Recent</b>
278. <i>Mycobates consimilis</i> Hammer, 1952 <b>[Recent]</b> .....	Qt Greenland
279. <i>Mycobates parmelliae</i> (Michael, 1884) <b>[Recent]</b> .....	Qt Karelia, Russia
280. <i>Mycobates sarekenis</i> (Trägårdh, 1910) <b>[Recent]</b> .....	Qt western Norway
<b><i>Punctoribates</i> Berlese, 1908</b> .....	<b>Quaternary – Recent</b>
281. <i>Punctoribates punctum</i> (C. L. Koch, 1839) <b>[Recent]</b> .....	Qt Karelia, Russia
282. <i>Punctoribates sellnicki</i> Willmann, 1928 <b>[Recent]</b> .....	Qt Europe
<i>Punctoribates</i> sp. in Karppinen & Koponen (1973) .....	Qt Finland
<b>ONYCHOBATIDAE Luxton, 1985</b> .....	<b>Recent</b>
no fossil record	
<b>RAMSAYELLIDAE Luxton, 1985</b> .....	<b>Recent</b>
no fossil record	
<b>ZETOMIMIDAE Shaldybina, 1966</b> .....	<b>Quaternary – Recent</b>
<b><i>Zetomimus</i> author, date?</b> .....	<b>Quaternary – Recent</b>
283. <i>Zetomimus furcatus</i> (Pearce & Warburton, 1906)* <b>[Recent]</b> .....	Qt Karelia, Russia
<b>GALUMNOIDEA Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>
<b>GALUMNELLIDAE Piffi, 1970</b> .....	<b>Quaternary – Recent</b>
<b><i>Galumnella</i> Berlese, 1917</b> .....	<b>Quaternary – Recent</b>
<i>Galumnella</i> sp. in Aoki (1974) .....	Qt Mizunami copal
<b>GALUMNIDAE Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>
Galumnidae spp. in Norton & Poinar (1993) .....	Pa Baltic amber
<b><i>Acrogalumna</i> Grandjean, 1956b</b> .....	<b>Quaternary – Recent</b>
284. <i>Acrogalumna longipluma</i> (Berlese, 1904)* <b>[Recent]</b> .....	Qt Karelia, Russia
<b><i>Galumna</i> von Heyden, 1826</b> .....	<b>Palaeogene – Recent</b>
285. <i>Galumna clavata</i> Sellnick, 1931 .....	Pa Baltic amber
286. <i>Galumna diversa</i> Sellnick, 1931 .....	Pa Baltic amber
287. <i>Galumna lanceata</i> (Oudemans, 1900) <b>[Recent]</b> .....	Qt Karelia, Russia
288. <i>Galumna obvia</i> (Berlese, 1915) <b>[Recent]</b> .....	Qt Finland
<i>Galumna</i> sp. in Karppinen & Koponen (1974) .....	Qt Finland

<b><i>Pergalumna</i> Grandjean, 1936b</b> .....	<b>Quaternary – Recent</b>
289. <i>Pergalumna dorsalis</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt Finland
290. <i>Pergalumna nervosa</i> (Berlese, 1914)* <b>[Recent]</b> .....	Qt northern Europe
<b><i>Pilogalumna</i> Grandjean, 1956b</b> .....	<b>Quaternary – Recent</b>
291. <i>Pilogalumna tenuiclava</i> (Berlese, 1908) <b>[Recent]</b> .....	Qt Germany

**ASTIGMATA G. Canestrini, 1891 (cohort)** ..... **Palaeogene – Recent**  
 = ACARIDIDA author, date?

**SCHIZOGLYPHOIDEA Mahunka, 1978** ..... **Recent**

**SCHIZOGLYPHIDAE Mahunka, 1978** ..... **Recent**

no fossil record

**HISTIOSTOMATOIDEA Berlese, 1897** ..... **?Palaeogene – Recent**

**GUANOLICHIDAE Fain, 1968** ..... **Recent**

no fossil record

**HISTIOSTOMATIDAE Berlese, 1897** ..... **?Palaeogene – Recent**

Hististomatidae? [alternatively Acaridae] *in* Dunlop *et al.* (2012) ..... Pa Baltic amber

**CANESTRINIOIDEA Berlese, 1884** ..... **Recent**

**CANESTRINIIDAE Berlese, 1884** ..... **Recent**

no fossil record

**CHETOCHELACARIDAE Fain, 1987** ..... **Recent**

no fossil record

**HETEROOPTIDAE Fain, 1967b** ..... **Recent**

no fossil record

**LEMANNIELLIDAE Wurst, 2001** ..... **Recent**

no fossil record

### Superfamily?

[NB: Sidorchuk & Klimov (2011) discussed the problems in placing this extinct family.]

† **GLAESACARIDAE Klimov & Sidorchuk *in* Sidorchuk & Klimov, 2011** ..... **Palaeogene**

† ***Glaesacarus* Klimov & Sidorchuk *in* Sidorchuk & Klimov, 2011** ..... **Palaeogene – Recent**

292. *Glaesacarus rhombeus* (C. L. Koch & Berendt, 1854)\* ..... Pa Baltic amber

**HEMISCARPOCTOIDEA Oudemans, 1908** ..... **Neogene – Recent**

**ALGOPHAGIDAE Fain, 1974** ..... **Recent**

no fossil record

<b>CARPOGLYPHIDAE Oudemans, 1923</b> .....	<b>Recent</b>
no fossil record	
<b>CHAETODACTYLIDAE Zachvatkin, 1941</b> .....	<b>Recent</b>
no fossil record	
<b>HEMISARCOPTIDAE Oudemans, 1908</b> .....	<b>Recent</b>
no fossil record	
<b>HYADESIIDAE Halbert, 1915</b> .....	<b>Recent</b>
no fossil record	
<b>MELIPONOCOPTIDAE Fain &amp; Rosa, 1983</b> .....	<b>Recent</b>
no fossil record	
<b>WINTERSCHMIDTIIDAE Oudemans, 1923</b> .....	<b>Neogene – Recent</b>
† <i>Amphicalvolia</i> Türk, 1963 .....	<b>Neogene – Recent</b>
293. <i>Amphicalvolia hurdi</i> Türk, 1963* .....	Ne Chiapas amber
<b>GLYCOPHAGOIDEA Berlese, 1897</b> .....	<b>Recent</b>
<b>AEROGLYPHIDAE Zachvatkin, 1941</b> .....	<b>Recent</b>
no fossil record	
<b>CHORTOGLYPHIDAE Berlese, 1897</b> .....	<b>Recent</b>
no fossil record	
<b>ECHIMYOPODIDAE Fain, 1967a</b> .....	<b>Recent</b>
no fossil record	
<b>EUGLYCYPHAGIDAE Fain &amp; Phillips, 1977</b> .....	<b>Recent</b>
no fossil record	
<b>GLYCYPHAGIDAE Berlese, 1897</b> .....	<b>Recent</b>
no fossil record	
<b>PEDETOPODIDAE Fain, 1969</b> .....	<b>Recent</b>
no fossil record	
<b>ROSENSTEINIIDAE Coorman, 1954</b> .....	<b>Recent</b>
= LOPHONOTACARIDAE Fain, 1987	
= TROGLOTACARIDAE Fain, 1977	
no fossil record	



<b>ACAROIDEA Latreille, 1802</b> .....	<b>Neogene – Recent</b>
<b>ACARIDAE Latreille, 1802</b> .....	<b>Recent</b>
[query family placement?]	
† <b>Tyroglyphites Pampaloni, 1902</b> .....	<b>Neogene – Recent</b>
294. <i>Tyroglyphites miocenicus</i> Pampaloni, 1902* .....	Ne Sicily
<b>GAUDIPELLIDAE Atyeo et al., 1974</b> .....	<b>Recent</b>
= PARTAMONACOPTIDAE author, date?	
= PLATYGLYPHIDAE Kurosa, 1976	
no fossil record	
<b>GLYCACARIDAE Griffiths, 1977</b> .....	<b>Recent</b>
no fossil record	
<b>LARDOGLYPHIDAE Oudemans, 1877</b> .....	<b>Recent</b>
no fossil record	
<b>SAPRACARIDAE Fain, 1988</b> .....	<b>Recent</b>
no fossil record	
<b>SCATOGLYPHIDAE Zachvatkin &amp; Volgin, 1956</b> .....	<b>Recent</b>
no fossil record	
<b>SUIDASIIDAE Hughes, 1948</b> .....	<b>Recent</b>
no fossil record	
<b>TYROGLYPHIDAE Donnadieu, 1868</b> .....	<b>Quaternary – Recent</b>
Tyroglyphidae sp. <i>in</i> Aoki (1974) .....	Qt Mizunami copal
<b>HYPODERATOIDEA Murray, 1877</b> .....	<b>Recent</b>
<b>HYPODERATIDAE Murray, 1877</b> .....	<b>Recent</b>
no fossil record	
<b>PSOROPTIDIA Yunker, 1955 (unranked clade)</b> .....	<b>Neogene – Recent</b>
<b>PTEROLICHOIDEA Trouessart &amp; Mégnin, 1884</b> .....	<b>Recent</b>
= FREYANOIDEA Dubinin, 1953	
<b>ASCOURACARIDAE Gaud &amp; Atyeo, 1976</b> .....	<b>Recent</b>
no fossil record	
<b>CAUDIFERIDAE Gaud &amp; Atyeo, 1978</b> .....	<b>Recent</b>
no fossil record	
<b>CHEYLABIDIDAE Gaud, 1983</b> .....	<b>Recent</b>

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

<b>VEXILLARIIDAE Gaud &amp; Mouchet, 1959</b> .....	<b>Recent</b>
no fossil record	
<b>ANALGOIDEA Trouessart &amp; Mégnin, 1884</b> .....	<b>Recent</b>
<b>ALLOPTIDAE Gaud, 1957</b> .....	<b>Recent</b>
no fossil record	
<b>ANALGIDAE Trouessart &amp; Mégnin, 1884</b> .....	<b>Recent</b>
no fossil record	
<b>APIONACARIDAE Gaud &amp; Atyeo, 1977</b> .....	<b>Recent</b>
no fossil record	
<b>AVENZOARIIDAE Oudemans, 1905</b> .....	<b>Recent</b>
no fossil record	
<b>CYTODITIDAE Oudemans, 1908</b> .....	<b>Recent</b>
no fossil record	
<b>DERMATIONIDAE Fain, 1965</b> .....	<b>Recent</b>
no fossil record	
<b>DERMOGLYPHIDAE Mégnin &amp; Trouessart, 1884</b> .....	<b>Recent</b>
no fossil record	
<b>EPIDERMOPTIDAE Trouessart, 1892</b> .....	<b>Recent</b>
no fossil record	
<b>GAUDOGLYPHIDAE Bruce &amp; Johnston, 1976</b> .....	<b>Recent</b>
no fossil record	
<b>HETEROPSORIDAE Oudemans, 1908</b> .....	<b>Recent</b>
no fossil record	
<b>KNEMIDOKOPTIDAE Dubinin, 1953</b> .....	<b>Recent</b>
no fossil record	
<b>LAMINOSIOPTIDAE Vitzthum, 1931</b> .....	<b>Recent</b>
no fossil record	
<b>PROCTOPHYLLODIDAE Mégnin &amp; Trouessart, 1884</b> .....	<b>Recent</b>
no fossil record	

- PSORALGIDAE Oudemans, 1908** ..... **Recent**  
no fossil record
- PSOROPTOIDIDAE Gaud, 1983** ..... **Recent**  
no fossil record
- PTERONYSSIDAE Oudemans, 1941** ..... **Recent**  
no fossil record
- PTYSSALGIDAE Atyeo & Gaud, 1979** ..... **Recent**  
no fossil record
- PYROGLYPHIDAE Cunliffe, 1958** ..... **Recent**  
no fossil record
- TARSOCHYLIDAE Atyeo & Gaud, 1979** ..... **Recent**  
no fossil record
- THYSANOCERCIDAE Atyeo & Peterson, 1972** ..... **Recent**  
no fossil record
- 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 Gunther, 1942** ..... **Recent**

no fossil record

**PSOROPTIDAE Canestrini, 1892** ..... **Recent**

no fossil record

**PNEUMOCOPTIDAE Fain, 1957** ..... **Recent**

no fossil record

**RHYNCOPTIDAE Lawrence, 1956** ..... **Recent**

no fossil record

**SARCOPTIDAE Murray, 1877** ..... **Recent**

no fossil record

#### NOMINA DUBIA

1. *Acarus resinosus* Presl, 1822 ..... Pa Baltic amber
2. *Strieremaeus cordiformatus* Sellnick, 1919 [as *species inquirenda*] ..... Pa Baltic amber

#### NOMINA NUDA

1. *Erythraeus hirsutissimus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Gymnodamaeus kulczynskii* Petrunkevitch, 1955a ..... Pa Baltic amber
3. *Trombidium fossile* Keferstein, 1834 ..... Pa Aix-en-Provence?

#### MISIDENTIFICATIONS

1. *Limnochaeres antiquus* Heyden, 1862 [larval hemipteran insect] ..... Pa Rott, Germany

#### NON NAMES IN ZOOLOGY

Taxa assigned to living mite genera based on the fossil responses of plant tissue (galls); see discussion in Dunlop & Braddy (2011)

1. *Eriophyes daphnogene* Ambrus & Hably, 1979 [fossil gall] ..... Pa Hungary
2. *Eryophies [sic] vilarrubiae* Villalta, 1957 [fossil gall] ..... Ne Spain
3. *Phytopus antiquus* van Heyden, 1860 [fossil gall] ..... Ne Rott, Germany

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

## RICINULEI

16 currently valid species of fossil ricinuleid

<b>RICINULEI Thorell, 1876c</b> .....	<b>Carbon. – Recent</b>
= RHINOASTRA Cook, 1899	
= PODOGONA Cook, 1899	
<b>† PALAEORICINULEI Selden, 1992 (suborder)</b> .....	<b>Carboniferous – ?Cret.</b>
NB: Wunderlich (2012e) treated the two suborders as superfamilies.	
Ricinulei indet. <i>in</i> Wunderlich (2012e) .....	K Myanmar amber
<b>† CURCULIOIDIDAE Cockerell, 1916</b> .....	<b>Carboniferous</b>
<b>† <i>Amarixys</i> Selden, 1992</b> .....	<b>Carboniferous</b>
1. <i>Amarixys gracilis</i> (Petrunkevitch, 1945a) .....	C Mazon Creek
2. <i>Amarixys stellaris</i> Selden, 1992 .....	C Mazon Creek
3. <i>Amarixys sulcata</i> (Melander, 1903)* .....	C Mazon Creek
<b>† <i>Curculioides</i> Buckland, 1837</b> .....	<b>Carboniferous</b>
4. <i>Curculioides adompha</i> Brauckmann, 1987 .....	C Hagen-Vorhalle
5. <i>Curculioides ansticii</i> Buckland, 1837* .....	C Coalbrookdale
6. <i>Curculioides eltringhami</i> Petrunkevitch, 1949 .....	C Crawcrook
7. <i>Curculioides gigas</i> Selden, 1992 .....	C Mazon Creek
8. <i>Curculioides granulatus</i> Petrunkevitch, 1949 .....	C Ilkeston
9. <i>Curculioides mcluckiei</i> Selden, 1992 .....	C Mazon Creek
10. <i>Curculioides pococki</i> Selden, 1992 .....	C Coseley
11. <i>Curculioides scaber</i> (Scudder, 1890b) .....	C Mazon Creek
<b>† POLIOCHERIDAE Scudder, 1884</b> .....	<b>Carboniferous – ?Cret.</b>
<b>† <i>Poliochera</i> Scudder, 1884</b> .....	<b>Carboniferous – ?Cret.</b>
12. ? <i>Poliochera cretacea</i> Wunderlich, 2012e .....	K Myanmar amber
13. <i>Poliochera gibbsi</i> Selden, 1992 .....	C Illinois
14. <i>Poliochera glabra</i> Petrunkevitch, 1913 .....	C Mazon Creek
15. <i>Poliochera punctulata</i> Scudder, 1884* .....	C Mazon Creek
<b>† <i>Terpsicroton</i> Selden, 1992</b> .....	<b>Carboniferous</b>
16. <i>Terpsicroton alticeps</i> Selden, 1992* .....	C Coseley
<b>NEORICINULEI Selden, 1992 (suborder)</b> .....	<b>Recent</b>
<b>RICINOIDIDAE Ewing, 1929</b> .....	<b>Recent</b>
= 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

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

no Recent species

# TRIGONOTARBIDA

67 currently valid species of fossil trigonotarbid

- † **TRIGONOTARBIDA Petrunkevitch, 1949** ..... **Silurian – Permian**  
     = ANTHRACOMARTI Karsch, 1882  
     = MERIDOGASTRA Thorell & Lindström, 1885  
     = EURYMARTI Matthew, 1895
- plesion genus**
- † **Palaeotarbus Dunlop, 1999** ..... **Silurian**  
     = † *Eotarbus* Dunlop, 1996 [preoccupied]  
     1. *Palaeotarbus jerami* (Dunlop, 1996)\* ..... S Ludford Lane
- † **PALAEOCHARINIDAE Hirst, 1923** ..... **Devonian**
- † **Aculeatarbus Shear, Selden & Rolfe, 1987** ..... **Devonian**  
     2. *Aculeatarbus depressus* Shear, Selden & Rolfe, 1987\* ..... D Gilboa
- † **Gelasinotarbus Shear, Selden & Rolfe, 1987** ..... **Devonian**  
     3. *Gelasinotarbus bifidus* Shear, Selden & Rolfe, 1987 ..... D Gilboa  
     4. *Gelasinotarbus bonamoae* Shear, Selden & Rolfe, 1987\* ..... D Gilboa  
     5. *Gelasinotarbus heptops* Shear, Selden & Rolfe, 1987 ..... D Gilboa  
     6. *Gelasinotarbus reticulatus* Shear, Selden & Rolfe, 1987 ..... D Gilboa
- † **Gigantocharinus Shear, 2000** ..... **Devonian**  
     7. *Gigantocharinus szatmaryi* Shear, 2000\* ..... D Red Hill, USA
- † **Gilboarachne Shear, Selden & Rolfe, 1987** ..... **Devonian**  
     8. *Gilboarachne griersoni* Shear, Selden & Rolfe, 1987\* ..... D Gilboa
- † **Palaeocharinus Hirst, 1923** ..... **Devonian**  
     = † *Palaeocharinoides* Hirst, 1923  
     9. *Palaeocharinus calmani* Hirst, 1923 ..... D Rhynie cherts  
     10. *Palaeocharinus hornei* (Hirst, 1923) ..... D Rhynie cherts  
     11. *Palaeocharinus kidstoni* Hirst, 1923 ..... D Rhynie cherts  
     12. *Palaeocharinus rhyniensis* Hirst, 1923\* ..... D Rhynie cherts  
     13. *Palaeocharinus scourfieldi* Hirst, 1923 ..... D Rhynie cherts  
     14. *Palaeocharinus tuberculatus* Fayers, Dunlop & Trewin, 2005 ..... D Rhynie cherts
- † **Spiniocharinus Poschmann & Dunlop, 2011** ..... **Devonian**  
     15. *Spiniocharinus steinmeyeri* Poschman & Dunlop, 2011\* ..... D Bürdenbach
- † **ARCHAEOMARTIDAE Poschmann & Dunlop, 2010** ..... **Devonian**
- † **Archaeomartus Størmer, 1970** ..... **Devonian**  
     16. *Archaeomartus levis* Størmer, 1970\* ..... D Alken an der Mosel  
         i. = *Archaeomartus tuberculatus* Størmer, 1970 ..... D Alken an der Mosel

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

- † *Maiocercus* Pocock, 1911 ..... **Carboniferous**  
 33. *Maiocercus celticus* (Pocock, 1902)\* ..... C Coal Measures  
     i. = *Maiocercus orbicularis* Gill, 1911 ..... C Westhoughton
- † **ANTHRACOSIRONIDAE** Pocock, 1903a ..... **Devonian – Carbon.**
- † *Anthracosiro* Pocock, 1903a ..... **Carboniferous**  
 34. *Anthracosiro fritschii* Pocock, 1903b ..... C Coseley  
     i. = *Anthracosiro elongatus* Waterlot, 1934 ..... C Marlebach, France  
 35. *Anthracosiro woodwardi* Pocock, 1903a\* ..... C Coal Measures  
     i. = *Anthracosiro corsini* Pruvost, 1926 ..... C Noeux, France  
     ii. = *Anthracosiro latipes* Gill, 1909 ..... C Ryton-on-Tyne, UK
- † *Arianrhoda* Dunlop & Selden, 2004 ..... **Devonian**  
 36. *Arianrhoda bennetti* Dunlop & Selden, 2004\* ..... D Tredomen
- † *Vratislavia* Frič, 1904 ..... **Carboniferous**  
 37. *Vratislavia silesica* (Roemer, 1878)\* ..... C Silesia
- † **TRIGONOTARBIDAE** Petrunkevitch, 1949 ..... **Devonian – Carbon.**
- † *Trigonotarbus* Pocock, 1911 ..... **Devonian – Carbon.**  
 38. *Trigonotarbus arnoldi* Petrunkevitch, 1955b ..... C Decazeville  
 39. *Trigonotarbus johnsoni* Pocock, 1911\* ..... C Coseley  
 40. *Trigonotarbus stoermeri* Schultka, 1991 ..... D Rheinischen Schief.
- Family uncertain**
- † *Namurotarbus* Poschmann & Dunlop, 2010 ..... **Carboniferous**  
 41. *Namurotarbus roessleri* (Dunlop & Brauckmann, 2006)\* ..... C Hagen-Vorhalle
- † *Tynecotarbus* Hradská & Dunlop, 2013 ..... **Carboniferous**  
 42. *Tynecotarbus tichaveki* Hradská & Dunlop, 2013 ..... C Týnec
- † *Permotarbus* Dunlop & Rößler, 2013 ..... **Permian**  
 43. *Permotarbus schuberti* Dunlop & Rößler, 2013 ..... P Chemnitz
- † **LISSOMARTIDAE** Dunlop, 1995 ..... **Carboniferous**
- † *Lissomartus* Petrunkevitch, 1949 ..... **Carboniferous**  
 44. *Lissomartus carbonarius* (Petrunkevitch, 1913) ..... C Mazon Creek  
 45. *Lissomartus schucherti* (Petrunkevitch, 1913)\* ..... C Mazon Creek
- † **APHANTOMARTIDAE** Petrunkevitch, 1945a ..... **Devonian – Permian**  
     = † **TRIGONOMARTIDAE** Petrunkevitch, 1949
- † *Alkenia* Størmer, 1970 ..... **Devonian**  
 46. *Alkenia mirabilis* Størmer, 1970\* ..... D Alken an der Mosel
- † *Aphantomartus* Pocock, 1911 ..... **Carbon. – Permian**  
     = † *Trigonomartus* Petrunkevitch, 1913  
     = † *Phrynomartus* Petrunkevitch, 1945a

47. *Aphantomartus areolatus* Pocock, 1911\* ..... C–P Coal Measures  
 i. = *Aphantomartus pococki* Pruvost, 1912 ..... C Anzin, France  
 ii. = *Trigonomartus dorlodoti* Pruvost, 1930 ..... C Rien, France  
 iii. = *Eophrynus waechteri* Guthörl, 1938 ..... C Saar  
 iv. = ?*Trigonomartus pruvosti* van der Heide, 1951 ..... C Limbourg  
 v. = ?*Brachylycosa manebachensis* Müller, 1957 ..... C Rotliegenden
48. *Aphantomartus ilfeldicus* (Scharf, 1924) ..... P Rotliegend
49. *Aphantomartus pustulatus* (Scudder, 1884) ..... C Coal Measures  
 vi. = ?*Kreischeria villeti* Pruvost, 1912 ..... C Pas de Calais  
 vii. = *Cleptomartus plötzensis* Simon, 1971 ..... C Halleschen Mulde
- † **KREISCHERIIDAE Haase, 1890** ..... **Carboniferous**
- † **Anzinia Petrunkevitch, 1953** ..... **Carboniferous**  
 50. *Anzinia thevenini* (Pruvost, 1919)\* ..... C Anzin
- † **Gondwanarache Pinto & Hünicken, 1980** ..... **Carboniferous**  
 51. *Gondwanarache argentinensis* Pinto & Hünicken, 1980\* ..... C Bajo de Véliz
- † **Hemikreischeria Frič, 1904** ..... **Carboniferous**  
 52. *Hemikreischeria geinitzi* (Thevenin, 1902)\* ..... C France
- † **Kreischeria Geinitz, 1882** ..... **Carboniferous**  
 53. *Kreischeria wiedei* Geinitz, 1882\* ..... C Zwickau
- † **Pseudokreischeria Petrunkevitch, 1953** ..... **Carboniferous**  
 54. *Pseudokreischeria pococki* (Gill, 1924) ..... C Crawcrook  
 viii. = *Eophrynus varius* Petrunkevitch, 1949 ..... C Crawcrook
- † **EOPHRYNIDAE Karsch, 1882** ..... **Carboniferous**  
 = † **HEMIPHRYNIDAE Frič, 1904**
- † **Eophrynus Woodward, 1871b** ..... **Carboniferous**  
 55. *Eophrynus prestvicii* (Buckland, 1837)\* ..... C Coalbrookdale  
 56. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 ..... C Hagen-Vorhalle
- † **Nyranytarbus Harvey & Selden, 1995** ..... **Carboniferous**  
 = † *Hemiphrynus* Frič, 1901 [preoccupied]
57. *Nyranytarbus hofmanni* (Frič, 1901) ..... C Nýřany  
 58. *Nyranytarbus longipes* (Frič, 1901)\* ..... C Nýřany
- † **Petrovicia Frič, 1904** ..... **Carboniferous**  
 59. *Petrovicia proditoria* Frič, 1904\* ..... C Petrovice
- † **Planomartus Petrunkevitch, 1953** ..... **Carboniferous**  
 60. *Planomartus krejci* (Kušta, 1883)\* ..... C Rakovník  
 ix. = *Anthracomartus affinis* Kušta, 1885 ..... C Rakovník
- † **Pleophrynus Petrunkevitch, 1945a** ..... **Carboniferous**  
 61. *Pleophrynus verrucosus* (Pocock, 1911) ..... C Coal Measures  
 x. = *Eophrynus warei* Dix & Pringle, 1930 ..... C Glyncoch, UK  
 xi. = *Pleophrynus ensifer* Petrunkevitch, 1945a\* ..... C Mazon Creek

- xii. = *Eophrynus jugatus* Ambrose & Romano, 1972 ..... C Kilmersdon, UK
- † **Pocononia Petrunkevitch, 1953** ..... **Carboniferous**
62. *Pocononia whitei* (Ewing, 1930)\* ..... C Pocono Shales
- † **Somaspidion Jux, 1982** ..... **Carboniferous**
63. *Somaspidion hammapheron* Jux, 1982\* ..... C Dinslaken
- † **Stenotrogulus Frič, 1904** ..... **Carboniferous**
- = † *Cyclotrogulus* Frič, 1904
- = † *Pseudoeophrynus* Příbyl, 1958
64. *Stenotrogulus salmii* (Stur, 1877)\* ..... C Ostrava
- xiii. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] ..... C Ostrava
- xiv. = *Pseudoeophrynus ostraviensis* Příbyl, 1958 ..... C Ostrava

TRIGONOTARBIDA *incertae sedis*

- † **Anthracophrynus Andrée, 1913** ..... **Carboniferous**
65. *Anthracophrynus tuberculatus* Andrée, 1913\* ..... C Dudweiler
- † **Areomartus Petrunkevitch, 1913** ..... **Carboniferous**
66. *Areomartus ovatus* Petrunkevitch, 1913\* ..... C West Virginia
- † **'Eophrynus'**
67. '*Eophrynus*' *scharfi* Scharf, 1924 ..... P Rotliegend

## NOMINA DUBIA

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

no Recent species

## URARANEIDA

2 currently valid species of uraraneid

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

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

† ***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

1,186 currently valid species of fossil spider

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



14. *Dinopilo parvus* Petrunkevitch, 1953 ..... C Kent, UK
- † *Pyritaranea* Frič, 1901 ..... Carboniferous
15. *Pyritaranea tubifera* Frič, 1901\* ..... C Nyřany
- MESOTHELAE Pocock, 1892** ..... Carbon. – Recent
- plesion genus
- † *Palaeothele* Selden, 2000 ..... Carboniferous
- = † *Eothele* Selden, 1996 [preoccupied]
16. *Palaeothele montceauensis* (Selden, 1996)\* ..... C Montceau-les-Mines
- LIPHISTIIDAE Pocock, 1892** ..... Recent
- = HEPTATHELIDAE Haupt, 1983
- no fossil record
- OPISTHOTHELAE Pocock, 1892** ..... Triassic – Recent
- Opisthotelae incertae sedis*
- † *Eoatypus* McCook, 1888 ..... Palaeogene
17. *Eoatypus woodwardii* McCook, 1888\* ..... Pa Isle of Wight
- MYGALOMORPHAE Pocock, 1892** ..... Triassic – Recent
- Mygalomorpha* indet. 1–3 *in* Wunderlich (2008*d*) ..... K Myanmar amber
- ATYPOIDEA Thorell, 1870a** ..... Triassic – Recent
- † *Friularachne* Dalla Vecchia & Selden, 2013 ..... Triassic
18. *Friularachne rigoi* Dalla Vecchia & Selden, 2013\* ..... Tr Friuli, Italy
- ATYPIDAE Thorell, 1870a** ..... Cretaceous – Recent
- = CALOMMATOIDAE Thorell, 1887
- † *Ambiortiphagus* Eskov & Zonstein, 1990 ..... Cretaceous
19. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990\* ..... K Central Mongolia
- † *Balticatypus* Wunderlich, 2011*h* ..... Palaeogene
20. *Balticatypus beigeli* Wunderlich, 2011*h* ..... Pa Baltic amber
21. *Balticatypus juvenis* Wunderlich, 2011*h*\* ..... Pa Baltic amber
22. *Balticatypus spinosus* Wunderlich, 2011*h* ..... Pa Baltic amber
- ANTRODIAETIDAE Gertsch in Comstock, 1940** ..... Cretaceous – Recent
- = BRACHYBOTHRIDAE Simon, 1892
- = ACCATYMIDAE Kishida, 1930
- † *Cretacattyma* Eskov & Zonstein, 1990 ..... Cretaceous
23. *Cretacattyma raveni* Eskov & Zonstein, 1990\* ..... K Central Mongolia
- MECICOBOTHRIIDAE Holmberg, 1882** ..... Cretaceous – Recent
- = HEXURIDAE Simon, 1889*b*

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

- EUCTENIZIDAE Raven, 1985** ..... **Recent**  
no fossil record
- IDIOPIDAE Simon, 1892b** ..... **Recent**  
no fossil record
- ACTINOPODIDAE Simon, 1892b** ..... **Recent**  
= ERIODONTIDAE C. L. Koch & Berendt, 1854  
[based on a generic synonym; listed in Bonnet as syn. of Clubionidae!]  
no fossil record
- MIGIDAE Simon, 1892b** ..... **Recent**  
no fossil record
- NEMESIIDAE Simon, 1892b** ..... **Cretaceous – Recent**  
= PYCNOTHELIDAE Chamberlin, 1917
- † ***Cretamygale* Selden, 2002** ..... **Cretaceous**  
36. *Cretamygale chasei* Selden, 2002\* ..... K Isle of Wight
- † ***Eodiplurina* Petrunkevitch, 1922** ..... **Palaeogene**  
[NB: Selden (2001) questioned this familial placement based on claw structure]  
37. *Eodiplurina cockerelli* Petrunkevitch, 1922\* ..... Pa Florissant
- MICROSTIGMATIDAE Roewer, 1942** ..... **Neogene – Recent**  
= MICROMYGALIDAE Wunderlich, 2004b
- † ***Parvomygale* Wunderlich, 2004b** ..... **Neogene**  
38. *Parvomygale distincta* Wunderlich, 2004b\* ..... Ne Dominican amber
- BARYCHELIDAE Simon, 1889b** ..... **Neogene – Recent**  
***Psalistops* Simon, 1889b** ..... **Neogene – Recent**  
39. *Psalistops hispaniolensis* Wunderlich, 1988\* ..... Ne Dominican amber
- THERAPHOSIDAE Thorell, 1870a** ..... **Neogene – Recent**  
= AVICULARIIDAE Simon, 1874  
Theraphosidae gen. et sp. indet. in Dunlop *et al.* (2008) ..... Ne Chiapas amber
- Hemirraghus* Simon, 1903** ..... **Neogene – Recent**  
*Hemirraghus* sp. in García-Villafuerte (2008) ..... Ne Chiapas amber
- † ***Ischnocolinopsis* Wunderlich, 1988** ..... **Neogene**  
40. *Ischnocolinopsis acutus* Wunderlich, 1988\* ..... Ne Dominican amber
- PARATROPIDIDAE Simon, 1889a** ..... **Recent**  
no fossil record

<b>ARANEOMORPHAE Smith, 1902</b> .....	<b>Triassic – Recent</b>
<b>ARANEOMORPHAE indet.</b>	
† <i>Argyrahne</i> Selden in Selden <i>et al.</i> , 1999 .....	<b>Triassic</b>
41. <i>Argyrahne solitus</i> Selden in Selden <i>et al.</i> , 1999* .....	Tr Virginia
† <i>Triassaraneus</i> Selden in Selden <i>et al.</i> , 1999 .....	<b>Triassic</b>
42. <i>Triassaraneus andersonorum</i> Selden in Selden <i>et al.</i> , 1999* .....	Tr KwaZulu-Natal
<b>HYPOCHILIDAE Marx, 1888</b> .....	<b>Recent</b>
= ECTATOSTICTIDAE Lehtinen, 1967	
no fossil record	
<b>AUSTROCHILOIDEA Zapfe, 1955</b> .....	<b>Recent</b>
<b>AUSTROCHILIDAE Zapfe, 1955</b> .....	<b>Recent</b>
= THAIDIDAE Lehtinen, 1967	
= HICKMANIIDAE Lehtinen, 1967	
no fossil record	
<b>GRADUNGULIDAE Forster, 1955</b> .....	<b>Recent</b>
no fossil record	
<b>ARANEOCLADA Platnick, 1977</b> .....	<b>Triassic – Recent</b>
<b>HAPLOGYNAE Simon, 1893</b> .....	<b>Jurassic – Recent</b>
<b>FILISTATIDAE Ausserer, 1867</b> .....	<b>Neogene – Recent</b>
<i>Misionella</i> Ramírez & Grismado, 1997 .....	<b>Neogene – Recent</b>
43. <i>Misionella didicostae</i> Penney, 2005a .....	Ne Dominican amber
<b>SICARIIDAE Keyserling, 1880a</b> .....	<b>Neogene – Recent</b>
= LOXOSCELIDAE Simon, 1893	
<b>Loxosceles</b> Heineken & Lowe, 1832 .....	<b>Neogene – Recent</b>
44. <i>Loxosceles aculicaput</i> Wunderlich, 2004c .....	Ne Dominican amber
45. <i>Loxosceles defecta</i> Wunderlich, 1988 .....	Ne Dominican amber
46. <i>Loxosceles deformis</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Loxosceles</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>SCYTODIDAE Blackwall, 1864</b> .....	<b>Cretaceous – Recent</b>
Sytodidae sp. 1–2 in Wunderlich (2004b) .....	Pa Bitterfeld amber
<b>Scytodes</b> Latreille, 1804a .....	<b>?Cretaceous – Recent</b>
47. ? <i>Scytodes hani</i> Wunderlich, 2012d .....	K Jordanian amber
48. <i>Scytodes marginalis</i> Wunderlich, 2004as .....	Qt Madagascan copal
49. <i>Scytodes piliformis</i> Wunderlich, 1988 .....	Ne Dominican amber
50. <i>Scytodes planithorax</i> Wunderlich, 1988 .....	Ne Dominican amber
51. <i>Scytodes stridulans</i> Wunderlich, 1988 .....	Ne Dominican amber

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

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

<b>Quamtana Huber, 2003</b> .....	<b>Palaeogene – Recent</b>
88. <i>Quamtana huberi</i> Penney, 2007a .....	Pa Le Quesnoy amber
† <b>Serratochorus Wunderlich, 1988</b> .....	<b>Neogene</b>
89. <i>Serratochorus pygmaeus</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>PLECTREURIDAE Simon, 1893</b> .....	<b>Jurassic – Recent</b>
† <b>Eoplectreurys Selden &amp; Huang, 2010</b> .....	<b>Jurassic</b>
90. <i>Eoplectreurys gertschi</i> Selden & Huang, 2010 .....	J Daohugou
† <b>Palaeoplectreurys Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
91. <i>Palaeoplectreurys baltica</i> Wunderlich, 2004c* .....	Pa Baltic amber
<b>Plectreurys Simon, 1893</b> .....	<b>Neogene – Recent</b>
92. <i>Plectreurys pittfieldi</i> Penney, 2009 .....	Ne Dominican amber
<b>DIGUETIDAE F. O. P.-Cambridge, 1899</b> .....	<b>Recent</b>
no fossil record	
<b>CAPONIIDAE Simon, 1890</b> .....	<b>Neogene – Recent</b>
= COLOPHONIDAE O. P.-Cambridge, 1874 [based on a generic homonym]	
<b>Nops MacLeay, 1839</b> .....	<b>Neogene – Recent</b>
93. <i>Nops lobatus</i> Wunderlich, 1988 .....	Ne Dominican amber
i. = <i>Nops segmentatus</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Nops</i> sp. <i>in</i> Wunderlich (1988) .....	Ne Dominican amber
<b>TETRABLEMMIDAE O. P.-Cambridge, 1873</b> .....	<b>Cretaceous – Recent</b>
= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]	
= PACULLIDAE Simon, 1894	
Tetrablemmidae gen. indet. <i>in</i> Wunderlich (2012a) .....	K Myanmar amber
† <b>Balticoblemma Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
94. <i>Balticoblemma unicorniculum</i> Wunderlich, 2004c* .....	Pa Baltic amber
† <b>Eogamasomorpha Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
95. <i>Eogamasomorpha nubila</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b>Eoscaphiella Wunderlich, 2011i</b> .....	<b>Cretaceous</b>
96. <i>Eoscaphiella ohlhoffi</i> Wunderlich, 2011i* .....	K Myanmar amber
<b>Monoblemma Gertsch, 1941</b> .....	<b>Neogene</b>
97. ? <i>Monoblemma spinosum</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Saetosoma Wunderlich, 2012d</b> .....	<b>Cretaceous</b>
98. <i>Saetosoma filiembolus</i> Wunderlich, 2012d* .....	K Myanmar amber
<b>TROGLORAPTORIDAE Griswold, Audisio &amp; Ledford, 2012</b> .....	<b>Recent</b>
no fossil record	
<b>DYSDEROIDEA Bristowe, 1938</b> .....	<b>Cretaceous – Recent</b>

?Dysderoidea s. l. indet 1–2 in Wunderlich (2008d).....	K Myanmar amber
<b>SEGESTRIIDAE Simon, 1893</b> .....	<b>Cretaceous – Recent</b>
?Segestriidae indet in Wunderlich (2008d) .....	K Myanmar amber
<b>Ariadna Audouin, 1826</b> .....	<b>Cretaceous – Recent</b>
99. ? <i>Ariadna amissiocoli</i> Wunderlich, 2008d .....	K Jordanian amber
100. <i>Ariadna copalis</i> Wunderlich, 2008a .....	Qt ?Madagascan copal
101. <i>Ariadna defuncta</i> Wunderlich 2004c .....	Pa Bitterfeld amber
102. <i>Ariadna hintzei</i> Wunderlich, 2004as .....	Qt Madagascan copal
103. <i>Ariadna ovalis</i> Wunderlich, 2008a .....	Pa Baltic amber
104. <i>Ariadna parva</i> Wunderlich, 2008a .....	Pa Baltic amber
105. <i>Ariadna paucispinosa</i> Wunderlich, 1988 .....	Ne Dominican amber
106. <i>Ariadna resinae</i> Hickman, 1957 .....	Ne? Australian copal
? <i>Ariadna</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b>Lebansegestria Wunderlich 2008d</b> .....	<b>Cretaceous</b>
107. <i>Lebansegestria azari</i> Wunderlich, 2008d* .....	K Lebanese amber
† <b>Microsegestria Wunderlich &amp; Milki, 2004</b> .....	<b>Cretaceous</b>
108. <i>Microsegestria poinari</i> Wunderlich & Milki, 2004* .....	K Lebanese amber
† <b>Palaeosegestria Penney, 2004a</b> .....	<b>Cretaceous</b>
109. <i>Palaeosegestria lutzii</i> Penney, 2004a* .....	K New Jersey amber
<b>Segestria Latreille, 1804a</b> .....	<b>?Cretaceous – Recent</b>
110. <i>Segestria cristata</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
111. <i>Segestria flexio</i> Wunderlich, 2004c .....	Pa Baltic amber
112. <i>Segestria mortalis</i> Wunderlich 2004c .....	Pa Baltic amber
113. <i>Segestria plicata</i> Petrunkevitch, 1950 .....	Pa Baltic amber
114. <i>Segestria scudderi</i> Petrunkevitch, 1922 .....	Pa Florissant
115. <i>Segestria secessa</i> Scudder, 1890a .....	Pa Florissant
116. <i>Segestria succinei</i> Berland, 1939 .....	Pa Baltic amber
117. <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
† <b>Vetsegestria Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
118. <i>Vetsegestria quinquespinosa</i> Wunderlich, 2004c* .....	Pa Baltic / Bitter. amber
<b>DYSDERIDAE C. L. Koch, 1837</b> .....	<b>Palaeogene – Recent</b>
† <b>Dasumiana Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
119. <i>Dasumiana emicans</i> Wunderlich, 2004c* .....	Pa Baltic amber
120. ? <i>Dasumiana subita</i> (Petrunkevitch, 1958) .....	Pa Baltic amber
121. <i>Dasumiana valga</i> Wunderlich, 2004c .....	Pa Baltic amber
<b>Dysdera Latreille, 1804</b> .....	<b>Palaeogene – Recent</b>
122. <i>Dysdera dilatata</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang



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

146. <i>Orchestina fushunensis</i> Wunderlich, 2004au .....	Pa	Fu Shun amber
147. <i>Orchestina gappi</i> Saupe et al., 2012 .....	K	Archingeay amber
148. <i>Orchestina gracilitibialis</i> Wunderlich, 2004c .....	Pa	Baltic amber
149. <i>Orchestina (Baltorchestina) imperialis</i> Petrunkevitch, 1963 .....	Pa	Baltic/Bitter. amber
150. <i>Orchestina kenyana</i> Wunderlich, 1981 .....	Qt	East African copal
151. <i>Orchestina longimana</i> Wunderlich, 1981 .....	Qt	East African copal
152. <i>Orchestina madagascariensis</i> Wunderlich, 2004as .....	Qt	Madagascan copal
153. <i>Orchestina mortua</i> Petrunkevitch, 1971 .....	Ne	Chiapas amber
154. <i>Orchestina (Baltorchestina) multisetae</i> Wunderlich, 2008a .....	Pa	Baltic amber
155. <i>Orchestina (Gallorchestina) parisiensis</i> Penney, 2007b .....	Pa	Le Quesnoy amber
156. <i>Orchestina (Baltorchestina) perfecta</i> Wunderlich, 2008a .....	Pa	Baltic amber
157. <i>Orchestina pusilla</i> (Menge in C. L. Koch & Berendt, 1854) .....	Pa	Baltic amber
158. <i>Orchestina rabagensis</i> Saupe et al., 2012 .....	K	El Soplao amber
159. <i>Orchestina (Baltorchestina) rectangulata</i> Wunderlich, 2008a .....	Pa	Baltic amber
160. <i>Orchestina (Baltorchestina) sternalis</i> Wunderlich, 2008a .....	Pa	Baltic amber
161. <i>Orchestina tibialis</i> Wunderlich, 1988 .....	Ne	Dominican amber
162. <i>Orchestina truncata</i> Wunderlich, 2004at .....	Qt	Colombian copal
163. <i>Orchestina tuberosa</i> Wunderlich, 1981 .....	Pa	Baltic amber
<i>Orchestina</i> sp. in Nishikawa (1974) .....	Qt	Mizunami copal
<i>Orchestina</i> sp. in Saupe et al. (2012) .....	K	Álava amber
<i>Orchestina</i> sp. in Soriano et al. (2010) .....	K	San Just amber
<i>Orchestina</i> sp. in Wunderlich (2011h) .....	Pa	Bitterfeld amber
<b>Stenoonops</b> Simon, 1891 .....		<b>Palaeogene – Recent</b>
164. <i>Stenoonops incertus</i> (Wunderlich, 1988) .....	Ne	Dominican amber
165. ? <i>Stenoonops rugosus</i> Wunderlich, 2004c .....	Pa	Bitterfeld amber
166. <i>Stenoonops seldeni</i> (Penney, 2000) .....	Ne	Dominican amber
<b>ORSOLOBIDAE</b> Cooke, 1965 .....		<b>Recent</b>
no fossil record		
† <b>PLUMORSOLIDAE</b> Wunderlich, 2008d .....		<b>Cretaceous</b>
?Plumorsolidae indet. in Wunderlich (2008d) .....	K	Myanmar amber
?Plumorsolidae indet. in Wunderlich (2011i) .....	K	Myanmar amber
† <b>Plumorsolus</b> Wunderlich, 2008d .....		<b>Cretaceous</b>
167. <i>Plumorsolus gondwanensis</i> Wunderlich, 2008d .....	K	Lebanese amber
<b>ENTELEGYNAE</b> Simon, 1893 .....		<b>Triassic – Recent</b>
<b>PALPIMANOIDEA</b> Thorell, 1870a .....		<b>Jurassic – Recent</b>
family uncertain		
† <b>Sinaranea</b> Selden, Huang & Ren, 2008 .....		<b>Jurassic</b>
168. <i>Sinaranea metaxyostraca</i> Selden, Huang & Ren, 2008* .....	J	Daohugou, China

<b>ARCHAEIDAE C. L. Koch &amp; Berendt, 1854</b> .....	<b>Jurassic – Recent</b>
<b>Archaea C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene – Recent</b>
169. ? <i>Archaea bitterfeldensis</i> Wunderlich, 2004 <i>d</i> .....	Pa Bitterfeld amber
170. <i>Archaea compacta</i> Wunderlich, 2004 <i>d</i> .....	Pa Baltic amber
171. <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
172. <i>Archaea pougneti</i> Simon, 1884 <i>b</i> .....	Pa Baltic amber
† <b>Baltarchaea Eskov, 1992</b> .....	<b>Palaeogene</b>
173. <i>Baltarchaea conica</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
† <b>Burmesarchaea Wunderlich, 2008<i>d</i></b> .....	<b>Cretaceous</b>
174. <i>Burmesarchaea grimaldii</i> (Penney, 2003 <i>a</i> ) .....	K Myanmar amber
† <b>Eoarchaea Forster &amp; Platnick, 1984</b> .....	<b>Palaeogene</b>
175. <i>Eoarchaea hyperoptica</i> (Menge in C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
176. <i>Eoarchaea vidua</i> Wunderlich, 2004 <i>d</i> .....	Pa Baltic amber
† <b>Eomysmauchenius Wunderlich, 2008<i>d</i></b> .....	<b>Cretaceous</b>
177. <i>Eomysmauchenius septentrionalis</i> Wunderlich, 2008 <i>d</i> * .....	K Myanmar amber
<b>Eriauchenius O. P.-Cambridge, 1881</b> .....	<b>Quaternary – Recent</b>
178. <i>Eriauchenius gracilicollis</i> (Millot, 1948) <b>[Recent]</b> .....	Qt Copal
i. = <i>Archaea copalensis</i> Lourenço, 2000 <i>b</i> .....	Qt Copal
† <b>Filiauchenius Wunderlich, 2008<i>d</i></b> .....	<b>Cretaceous</b>
179. <i>Filiauchenius paucidentatus</i> Wunderlich, 2008 <i>d</i> * .....	K Myanmar amber
† <b>Jurarchaea Eskov, 1987</b> .....	<b>Jurassic</b>
180. <i>Jurarchaea zherikhini</i> Eskov, 1987* .....	J Kazakhstan
† <b>Lacnauchenius Wunderlich, 2008<i>d</i></b> .....	<b>Cretaceous</b>
181. <i>Launauchenius speciosus</i> Wunderlich, 2008 <i>d</i> * .....	K Myanmar amber
† <b>Myrmecarchaea Wunderlich, 2004<i>d</i></b> .....	<b>Palaeogene</b>
182. <i>Myrmecarchaea petiolus</i> Wunderlich, 2004 <i>d</i> * .....	Pa Baltic amber
183. <i>Myrmecarchaea pediculus</i> Wunderlich, 2004 <i>d</i> .....	Pa Baltic amber
† <b>Patarchaea Selden, Huang &amp; Ren, 2008</b> .....	<b>Jurassic</b>
184. <i>Patarchaea muralis</i> Selden, Huang & Ren, 2008* .....	J Daohugou, China
† <b>Saxonarchaea Wunderlich, 2004<i>d</i></b> .....	<b>Palaeogene</b>
185. <i>Saxonarchaea dentata</i> Wunderlich, 2004 <i>d</i> * .....	Pa Bitterfeld amber
186. <i>Saxonarchaea diabolica</i> Wunderlich, 2004 <i>d</i> .....	Pa Bitterfeld amber
<b>MECY SMAUCHENIIDAE Simon, 1895</b> .....	<b>Cretaceous – Recent</b>
† <b>Archaemecys Saupe &amp; Selden, 2009</b> .....	<b>Cretaceous</b>
187. <i>Archaemecys arcantiensis</i> Saupe & Selden, 2009 .....	K Charente amber
<b>PARARCHAEIDAE Forster &amp; Platnick, 1984</b> .....	<b>Recent</b>

no fossil record

**HOLARCHAEIDAE Forster & Platnick, 1984** ..... **Recent**

no fossil record

**MICROPHOLCOMMATIDAE Hickman, 1944** ..... **Palaeogene – Recent**

† ***Cenotextricella* Penney in Penney et al., 2007** ..... **Palaeogene**

188. *Cenotextricella simoni* Penney in Penney et al., 2007 ..... Pa Le Quesnoy amber

**HUTTONIIDAE Simon, 1893** ..... **Cretaceous – Recent**

unnamed genus and species in Penney & Selden (2006) ..... K Manitoban amber

**STENOCHILIDAE Thorell, 1873** ..... **Recent**

no fossil record

† **MICROPALPIMANIDAE Wunderlich, 2008d** ..... **Cretaceous**

† ***Micropalpimanus* Wunderlich, 2008d** ..... **Cretaceous**

*Micropalpimanus* sp. indet in Wunderlich (2012d) ..... K Myanmar amber

189. *Micropalpimanus poinari* Wunderlich, 2008d ..... K Myanmar amber

**PALPIMANIDAE Thorell, 1870a** ..... **Neogene – Recent**

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

= CHERSIDAE Canestrini & Pavesi, 1870

***Otiotrops* MacLeay, 1839** ..... **Neogene – Recent**

*Otiotrops* sp. 1–2 in Wunderlich (1988) ..... Ne Dominican amber

† **LAGONOMEGOPIDAE Eskov & Wunderlich, 1995** ..... **Cretaceous**

† ***Archaelagonops* Wunderlich, 2012d** ..... **Cretaceous**

190. *Archaelagonops salticoides* Wunderlich, 2012d\* ..... K Myanmar amber

† ***Burlagonomegops* Penney, 2005b** ..... **Cretaceous**

191. *Burlagonomegops alavensis* Penney, 2006b ..... K Álava amber

192. *Burlagonomegops eskovi* Penney, 2005b\* ..... K Myanmar amber

† ***Lagonoburmops* Wunderlich, 2012d** ..... **Cretaceous**

193. *Lagonoburmops plumosus* Wunderlich, 2012d\* ..... K Myanmar amber

† ***Lagonomegops* Eskov & Wunderlich, 1995** ..... **Cretaceous**

194. *Lagonomegops americanus* Penney, 2005b ..... K New Jersey amber

195. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995\* ..... K Taimyr amber

† ***Myanlagonops* Wunderlich, 2012d** ..... **Cretaceous**

196. *Myanlagonops gracilipes* Wunderlich, 2012d\* ..... K Myanmar amber

† ***Zarquagonomegops* Kaddumi, 2007** ..... **Cretaceous**

197. *Zarquagonomegops wunderlichi* Kaddumi, 2007\* ..... K Jordanian amber

† **GRANDOCULIDAE Penney, 2011** ..... **Cretaceous**

NB: The validity of this family has been challenged (cf. Wunderlich 2012*d*).

† <b>Grandoculus Penney, 2004<i>b</i></b> .....	<b>Cretaceous</b>
198. <i>Grandoculus chemahawinensis</i> Penney, 2004 <i>b</i> * .....	K Manitobian amber
† <b>SPATIATORIDAE Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
† <b>Spatiator Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
199. <i>Spatiator caulis</i> Wunderlich, 2008 <i>a</i> .....	Pa Baltic amber
200. <i>Spatiator martensi</i> Wunderlich, 2006 .....	Pa Baltic amber
201. <i>Spatiator praeceps</i> Petrunkevitch, 1942* .....	Pa Baltic amber
<i>Spatiator</i> sp. in Wunderlich (2011 <i>h</i> ) .....	Pa Baltic amber
<b>MALKARIDAE Davies, 1980</b> .....	<b>Recent</b>
= STERNODIDAE Moran, 1986	
no fossil record	
<b>MIMETIDAE Simon, 1881</b> .....	<b>Palaeogene – Recent</b>
= CTENOPHORIDAE Blackwall, 1870 [younger name protected by useage]	
Mimetidae gen. et sp. indet. in Penney <i>et al.</i> (2012 <i>a</i> ) .....	Pa Indian amber
Mimetini sp. 1–4 in Wunderlich (2004 <i>q</i> ) .....	Pa Baltic amber
<b>Ero C. L. Koch, 1836</b> .....	<b>Palaeogene – Recent</b>
= † <i>Palaeoero</i> Wunderlich, 2004 <i>q</i>	
= † <i>Succinero</i> Wunderlich, 2004 <i>q</i>	
[Wunderlich revalidated both as putative subgenera]	
202. <i>Ero carboneana</i> Petrunkevitch, 1942 .....	Pa Baltic amber
203. <i>Ero aberrans</i> Petrunkevitch, 1958 .....	Pa Baltic amber
[Treated as a <i>nomen dubium</i> by Harms & Dunlop (2009)]	
204. <i>Ero (Succinero) clunis</i> Wunderlich, 2012 <i>c</i> .....	Pa Baltic amber
205. <i>Ero (Succinero) gracilitibialis</i> Wunderlich, 2012 <i>c</i> .....	Pa Baltic amber
206. <i>Ero (Paleoero) longitarsus</i> (Wunderlich, 2004 <i>q</i> ) .....	Pa Baltic amber
207. <i>Ero permunda</i> Petrunkevitch, 1942 .....	Pa Baltic amber
208. <i>Ero (Succinero) rovnoensis</i> (Wunderlich, 2004 <i>ar</i> ) .....	Pa Rovno amber
209. <i>Ero (Succinero) veta</i> Wunderlich, 2012 <i>c</i> .....	Pa Baltic amber
<b>Mimetus Hentz, 1832</b> .....	<b>Palaeogene – Recent</b>
? <i>Mimetus</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
210. <i>Mimetus bituberculatus</i> Wunderlich, 1988 .....	Ne Dominican amber
211. <i>Mimetus brevipes</i> Wunderlich, 2004 <i>q</i> .....	Pa Baltic amber
[synonymised by Harms & Dunlop (2009), but resurrected by Wunderlich (2012 <i>c</i> )]	
212. ? <i>Mimetus longipes</i> Wunderlich, 2004 <i>q</i> .....	Pa Baltic amber
† <b>Protomimetus Wunderlich, 2011</b> .....	<b>Palaeogene</b>
213. ? <i>Protomimetus breviclypeus</i> Wunderlich, 2011 <i>h</i> .....	Pa Baltic amber
214. <i>Protomimetus longiclypeus</i> Wunderlich, 2011 <i>h</i> *.....	Pa Baltic amber

<b>ERESOIDEA C. L. Koch, 1851</b> .....	<b>Cretaceous – Recent</b>
<b>ERESIDAE C. L. Koch, 1851</b> .....	<b>?Miocene – Recent</b>
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	
<b>'OECOBIOIDEA'</b>	
Oecobioidea fam. indet. <i>in</i> Wunderlich (2008d) .....	K Myanmar amber
<b>OECOBIIDAE Blackwall, 1862</b> .....	<b>Cretaceous – Recent</b>
= UROCTEIDAE Thorell, 1869	
† <b>Lebanoecobius Wunderlich, 2004e</b> .....	<b>Cretaceous</b>
215. <i>Lebanoecobius schleei</i> Wunderlich, 2004e* .....	K Lebanese amber
† <b>Mizalia C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
= † <i>Paruroctea</i> Petrunkevitch, 1942	
216. <i>Mizalia blauvelti</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
217. <i>Mizalia gemini</i> Wunderlich, 2004e .....	Pa Baltic amber
218. <i>Mizalia rostrata</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
i. = <i>Mizalia pilosula</i> C. L. Koch & Berendt, 1854 .....	
219. <i>Mizalia spirembolus</i> Wunderlich, 2004e .....	Pa Baltic amber
<i>Mizalia</i> sp. <i>in</i> Wunderlich (2011h) .....	Pa Baltic/Bltter. amber
<b>Oecobius Lucas, 1846</b> .....	<b>?Cretaceous – Recent</b>
220. <i>Oecobius piliformis</i> Wunderlich, 1988 .....	Ne Dominican amber
? <i>Oecobius</i> sp. indet <i>in</i> Penney (2002) .....	K New Jersey amber
<b>Uroctea Dufour, 1820</b> .....	<b>Palaeogene – Recent</b>
221. <i>Uroctea galloprovincialis</i> Gourret, 1887 .....	Pa Aix-en-Provence
† <b>Zamília Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
222. <i>Zamília antecessor</i> Wunderlich, 2008d .....	K Myanmar amber
<b>HERSILIIDAE Thorell, 1870a</b> .....	<b>Cretaceous – Recent</b>
= CHALINUROIDAE Thorell, 1873	
Hersiliidae sp. 1–3 <i>in</i> Wunderlich (2004d) .....	Pa Baltic amber
Hersiliidae sp. <i>in</i> Wunderlich (2011f) .....	Qt Madagascar copal
† <b>Burmesiola Wunderlich, 2011i</b> .....	<b>Cretaceous</b>
223. <i>Burmesiola cretacea</i> Wunderlich, 2011i* .....	K Myanmar amber
† <b>"Fictotama Petrunkevitch, 1963 (<i>nomen dubium</i>)"</b> .....	<b>Neogene</b>
[Wunderlich 2011f placed a new species in this genus, which was previously considered a <i>nomen dubium</i> . He did not formally revalidate the genus]	
224. " <i>Fictotama</i> " <i>maculosa</i> Wunderlich, 2011g .....	Ne Dominican amber
† <b>Gerdia Menge, 1869</b> .....	<b>Palaeogene</b>
225. <i>Gerdia myura</i> Menge, 1869* .....	Pa Baltic amber
† <b>Gerdropsis Wunderlich, 2004e</b> .....	<b>Palaeogene</b>
226. <i>Gerdropsis infrigens</i> Wunderlich, 2004e* .....	Pa Baltic amber

† <b>Gerdiorum Wunderlich 2004e</b> .....	<b>Palaeogene</b>
227. <i>Gerdiorum inflexum</i> Wunderlich 2004e* .....	Pa Baltic amber
<b>Hersilia Audouin, 1826</b> .....	<b>Palaeogene – Recent</b>
= † <i>Hersiliopsis</i> Wunderlich, 2004e	
228. <i>Hersilia aquisextana</i> Gourret, 1887 .....	Pa Aix-en-Provence
229. <i>Hersilia longipes</i> Giebel, 1856 .....	Pa Baltic amber
230. <i>Hersilia madagascarensis</i> (Wunderlich, 2004e) .....	Qt–R Madagas. copal
231. ? <i>Hersilia miranda</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Hersiliana Wunderlich, 2004e</b> .....	<b>Quaternary – Recent</b>
232. <i>Hersiliana brevipes</i> Wunderlich, 2004e* .....	Qt Madagascan copal
† <b>Prototama Petrunkevitch, 1971</b> .....	<b>Neogene</b>
= † <i>Priscotama</i> Petrunkevitch, 1971	
233. <i>Prototama antiqua</i> (Petrunkevitch, 1971) .....	Ne Chiapas amber
234. <i>Prototama maior</i> (Wunderlich, 1988) .....	Ne Dominican amber
235. <i>Prototama media</i> (Wunderlich, 1988) .....	Ne Dominican amber
236. <i>Prototama minor</i> (Wunderlich, 1987) .....	Ne Dominican amber
237. <i>Prototama succinea</i> Petrunkevitch, 1971* .....	Ne Chiapas amber
<i>Prototama</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>Superfamily uncertain</b>	
† <b>BURMASCUTIDAE Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
† <b><i>Burmascutum</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
238. <i>Burmascutum aenigma</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b>SALTICOIDIDAE Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
† <b><i>Salticoidus</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
239. <i>Salticoidus kaddumiorum</i> Wunderlich, 2008d* .....	K Jordanian amber
<b>'CANOE TAPETUM' CLADE</b> .....	<b>Triassic – Recent</b>
<b>ORBICULARIAE Walckenaer, 1802</b> .....	<b>Triassic – Recent</b>
<b>DEINOPOIDEA C. L. Koch, 1851</b> .....	<b>?Jurassic – Recent</b>
<b>DEINOPIIDAE C. L. Koch, 1851</b> .....	<b>Cretaceous – Recent</b>
<b><i>Deinopis</i> MacLeay, 1839</b> .....	<b>Quaternary – Recent</b>
240. <i>Deinopis ?madagascariensis</i> Lenz, 1886 <b>[Recent]</b> .....	Qt Madagascar copal
<b>Menneus Simon, 1876b</b> .....	<b>Palaeogene – Recent</b>
241. ? <i>Menneus pietrzeniukae</i> Wunderlich, 2004g .....	Pa Baltic amber
? <i>Menneus</i> sp. 1–3 in Wunderlich (2004g) .....	Pa Baltic amber
† <b><i>Palaeomicromennus</i> Penney, 2003b</b> .....	<b>Cretaceous</b>
242. <i>Palaeomicromennus lebanensis</i> Penney, 2003b* .....	K Lebanese amber
<b>ULOBORIDAE Thorell, 1869</b> .....	<b>?Jurassic – Recent</b>
Uloboridae indet. in Wunderlich (2011f) .....	Qt Madagascar copal

† <b>Talbragaraneus Selden &amp; Beattie, 2013 [tentative assignment]</b> .....	<b>Jurassic</b>
243. <i>Talbragaraneus jurassicus</i> Selden & Beattie, 2013* .....	J Talbragar, Australia
† <b>Burmuloborus Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
244. <i>Burmuloborus parvus</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b>Eomiagrammopes Wunderlich, 2004f</b> .....	<b>Palaeogene</b>
245. <i>Eomiagrammopes maior</i> Wunderlich, 2004f .....	Pa Baltic amber
246. <i>Eomiagrammopes minor</i> Wunderlich, 2004f .....	Pa Baltic amber
247. <i>Eomiagrammopes semiapertus</i> Wunderlich, 2011h .....	Pa Baltic amber
248. <i>Eomiagrammopes singularis</i> Wunderlich, 2004f* .....	Pa Baltic amber
249. <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
† <b>Hyptiomopes Wunderlich, 2004f</b> .....	<b>Palaeogene</b>
250. <i>Hyptiomopes bitterfeldensis</i> Wunderlich 2004f* .....	Pa Bitterfeld amber
? <i>Hyptiomopes</i> sp. in Wunderlich (2004f) .....	Pa Bitterfeld amber
<b>Hyptiotes Walckenaer, 1837</b> .....	<b>Palaeogene – Recent</b>
= † <i>Androgeus</i> C. L. Koch & Berendt, 1854	
251. <i>Hyptiotes convexus</i> Wunderlich, 2004f .....	Pa Baltic amber
252. <i>Hyptiotes glaber</i> Wunderlich, 2004f .....	Pa Baltic amber
253. <i>Hyptiotes saetosus</i> Wunderlich, 2004f .....	Pa Baltic amber
254. <i>Hyptiotes stellatus</i> Wunderlich, 2004f .....	Pa Baltic amber
255. <i>Hyptiotes triqueter</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
† <b>Jerseyuloborus Wunderlich, 2011i</b> .....	<b>Cretaceous</b>
256. <i>Jerseyuloborus longisoma</i> Wunderlich, 2011i* .....	K New Jersey amber
<b>Miagrammopes O. P.-Cambridge, 1870</b> .....	<b>Neogene – Recent</b>
257. <i>Miagrammopes dominicanus</i> Wunderlich, 2004e .....	Ne Dominican amber
<i>Miagrammopes</i> sp. in Penney (2001) .....	Ne Dominican amber
<i>Miagrammopes</i> sp. in Wunderlich (2011f) .....	Qt Madagascar copal
† <b>Ocululoborus Wunderlich, 2012d</b> .....	<b>Cretaceous</b>
258. <i>Ocululoborus curvatus</i> Wunderlich, 2012d* .....	K Myanmar amber
† <b>Opellianus Wunderlich, 2004f</b> .....	<b>Palaeogene</b>
259. <i>Opellianus excellens</i> Wunderlich, 2004f* .....	Pa Baltic amber
260. <i>Opellianus kazimierasi</i> Wunderlich 2004f .....	Pa Baltic amber
261. <i>Opellianus ludwigi</i> Wunderlich 2004f .....	Pa Baltic amber
† <b>Palaeomiagrammopes Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
262. <i>Palaeomiagrammopes vesica</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b>Palaeouloborus Selden, 1990</b> .....	<b>Cretaceous</b>
263. <i>Palaeouloborus lacasae</i> Selden, 1990* .....	K Sierra de Montsech
† <b>Paramiagrammopes Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
264. <i>Paramiagrammopes cretaceus</i> Wunderlich, 2008d* .....	K Myanmar amber
<i>Paramiagrammopes</i> sp. in Wunderlich (2008d) .....	K Myanmar amber



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

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

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

† <b>Balticpholcomma Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
334. <i>Balticpholcomma scutatatum</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Caudasinus Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
335. <i>Caudasinus bispinosus</i> Wunderlich, 2008b .....	Pa Baltic amber
336. <i>Caudasinus caudatus</i> Wunderlich, 2008b* .....	Pa Baltic amber
337. <i>Caudasinus regeneratus</i> Wunderlich, 2008b .....	Pa Baltic amber
<i>Caudasinus</i> sp. in Wunderlich (2008b) .....	Pa Baltic amber
<b>Chrosiothes Simon, 1894</b> .....	<b>Neogene – Recent</b>
338. <i>Chrosiothes biconigerus</i> Wunderlich, 1988 .....	Ne Dominican amber
339. <i>Chrosiothes curvispinosus</i> Wunderlich, 1988 .....	Ne Dominican amber
340. <i>Chrosiothes emulgatus</i> Wunderlich, 1988 .....	Ne Dominican amber
341. <i>Chrosiothes longispinosus</i> Wunderlich, 1988 .....	Ne Dominican amber
342. <i>Chrosiothes monoceros</i> Wunderlich, 1988 .....	Ne Dominican amber
343. <i>Chrosiothes tumulus</i> Wunderlich, 1988 .....	Ne Dominican amber
344. <i>Chrosiothes unicornis</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Chryso O. P.-Cambridge, 1882a</b> .....	<b>Neogene – Recent</b>
345. <i>Chryso conspicua</i> Wunderlich, 1988 .....	Ne Dominican amber
346. <i>Chryso dubia</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Clavibertus Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
347. <i>Clavibertus parvus</i> Wunderlich, 2008b .....	Pa Baltic amber
348. <i>Clavibertus prominens</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Clya C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
349. <i>Clya abdita</i> Wunderlich, 2008b .....	Pa Baltic amber
350. <i>Clya lugubris</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic / Rovno amber
351. <i>Clya calefacta</i> Wunderlich, 2008b .....	Pa Baltic amber
352. <i>Clya gracilis</i> (Petrunkevitch, 1958) .....	Pa Baltic amber
353. <i>Clya granulata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
354. <i>Clya obscura</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
355. <i>Clya rotata</i> Wunderlich, 2008b .....	Pa Baltic amber
356. <i>Clya supercalefacta</i> Wunderlich, 2008b .....	Pa Baltic amber
357. <i>Clya superspiralis</i> Wunderlich, 2008b .....	Pa Baltic amber
358. <i>Clya tricurvata</i> Wunderlich, 2008b .....	Pa Baltic amber
† <b>Cornutidion Wunderlich, 1988</b> .....	<b>Neogene</b>
359. <i>Cornutidion elongatum</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>Craspedisia Simon, 1894</b> .....	<b>Neogene – Recent</b>
360. <i>Craspedisia yapchoontecki</i> Penney & Marusik in Penney <i>et al.</i> (2012b) .....	Ne Dominican amber
† <b>Cymbiopholcomma Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
361. <i>Cymbiopholcomma dudum</i> Wunderlich, 2008b* .....	Pa Baltic amber
362. <i>Cymbiopholcomma spiculum</i> Wunderlich, 2008b .....	Pa Baltic amber
† <b>Dipoenata Wunderlich, 1988</b> .....	<b>Neogene</b>

363. *Dipoenata altiocolata* Wunderlich, 1988 ..... Ne Dominican amber  
 364. *Dipoenata cala* Wunderlich, 1988 ..... Ne Dominican amber  
 365. *Dipoenata clypeata* Wunderlich, 1988 ..... Ne Dominican amber  
 366. *Dipoenata globulus* Wunderlich, 1988 ..... Ne Dominican amber  
 367. *Dipoenata praedominicana* (Wunderlich, 1986) ..... Qt Dominican copal  
 368. *Dipoenata stipes* Wunderlich, 1988\* ..... Ne Dominican amber  
 369. *Dipoenata yolandae* Wunderlich, 1988 ..... Ne Dominican amber  
       *Dipoenata* sp. in Wunderlich (1988) ..... Ne Dominican amber
- † **Eoasagena Wunderlich, 2008b** ..... **Palaeogene**  
       370. *Eoasagena scutata* Wunderlich, 2008b\* ..... Pa Baltic amber
- † **Eolyrifer Wunderlich, 2008b** ..... **Palaeogene**  
       371. *Eolyrifer longitibialis* Wunderlich, 2008b\* ..... Pa Baltic amber
- † **Eomysmena Petrunkevitch, 1942** ..... **Palaeogene – Neogene**  
       = † *Antopia* Menge, 1854 [tentative synonymy]  
       = † *Astodipoena* Petrunkevitch, 1958  
       = † *Eodipoena* Petrunkevitch, 1942
372. *Eomysmena asta* Petrunkevitch, 1971 ..... Ne Chiapas amber  
 373. *Eomysmena aviceps* Wunderlich, 2008b ..... Pa Baltic amber  
 374. *Eomysmena calefacta* Wunderlich, 2008b ..... Pa Baltic amber  
 375. *Eomysmena crassa* (Petrunkevitch, 1958) ..... Pa Baltic amber  
 376. *Eomysmena baltica* Petrunkevitch, 1946 ..... Pa Baltic amber  
 377. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) ..... Pa Baltic amber  
 378. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) ..... Pa Baltic amber  
 379. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 380. *Eomysmena moritura* Petrunkevitch, 1942\* ..... Pa Baltic amber  
       i. = *Eomysmena consulta* (Petrunkevitch, 1958)  
           [tentative synonymy] ..... Pa Baltic amber
381. *Eomysmena nielseni* (Petrunkevitch, 1958) ..... Pa Baltic amber  
 382. *Eomysmena oculata* (Petrunkevitch, 1942) ..... Pa Baltic amber  
 383. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 384. *Eomysmena recta* Wunderlich, 2008b ..... Pa Baltic amber  
 385. *Eomysmena tenera* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
       *Eomysmena* spp. in Wunderlich 2008b ..... Pa Baltic / Bitt. Amber
- † **Eoteutana Wunderlich, 2008b** ..... **Palaeogene**  
       386. *Eoteutana hirsuta* Wunderlich, 2008b\* ..... Pa Baltic amber
- Episinus Latreille, 1809** ..... **Palaeogene – Recent**  
       = † *Flegia* C. L. Koch & Berendt, 1854  
       = † *Impulsor* Petrunkevitch, 1942  
       = † *Malleator* Petrunkevitch, 1942  
       = † *Mictodipoena* Petrunkevitch, 1958  
       = † *Municeps* Petrunkevitch, 1942 [tentative synonymy]
387. *Episinus anapidaeque* Wunderlich, 2008b ..... Pa Baltic amber

388.	<i>Episinus antecognatus</i> Wunderlich, 1986	Qt	Dominican copal
389.	<i>Episinus appendix</i> Wunderlich, 2008b	Pa	Baltic amber
390.	<i>Episinus arrodens</i> Wunderlich, 2008b	Pa	Baltic amber
391.	<i>Episinus balticus</i> Marusik & Penney, 2004	Pa	Baltic / Bitt. amber
392.	<i>Episinus brevipalpus</i> Wunderlich, 1988	Ne	Dominican amber
393.	<i>Episinus bulla</i> Wunderlich, 2008b	Pa	Baltic amber
394.	<i>Episinus chiapasanus</i> (Petrunkevitch, 1971)	Ne	Chiapas amber
395.	<i>Episinus clunus</i> Wunderlich, 2008b	Pa	Baltic amber
396.	<i>Episinus cochlear</i> Wunderlich, 2008b	Pa	Baltic amber
397.	<i>Episinus cornutus</i> Wunderlich, 1988	Ne	Dominican amber
398.	<i>Episinus cymbialis</i> Wunderlich, 2008b	Pa	Baltic amber
399.	<i>Episinus dimidius</i> Wunderlich, 2008b	Pa	Baltic amber
400.	<i>Episinus eskovi</i> Marusik & Penney, 2004	Pa	Baltic amber
401.	<i>Episinus isopteraque</i> Wunderlich, 2008b	Pa	Baltic amber
402.	<i>Episinus latus</i> Wunderlich, 2008b	Pa	Baltic amber
403.	<i>Episinus longimanus</i> (C. L. Koch & Berendt, 1854)	Pa	Baltic amber
	i. = <i>Malleator niger</i> Petrunkevitch, 1942	Pa	Baltic amber
404.	<i>Episinus longisoma</i> Wunderlich, 2008b	Pa	Baltic amber
405.	<i>Episinus minutus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
406.	<i>Episinus mordellidaeque</i> Wunderlich, 2008b	Pa	Baltic amber
407.	<i>Episinus musculus</i> Wunderlich, 2008b	Pa	Baltic amber
408.	<i>Episinus mutilus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
409.	<i>Episinus nausticymbium</i> Wunderlich, 2008b	Pa	Baltic amber
410.	<i>Episinus neglectus</i> (Petrunkevitch, 1942)	Pa	Baltic amber
411.	<i>Episinus penneyi</i> Garcia-Villafuerte, 2006a	Ne	Chiapas amber
412.	<i>Episinus praecognatus</i> Wunderlich, 1982	Ne	Dominican amber
413.	<i>Episinus pulcher</i> (Petrunkevitch, 1942)	Pa	Baltic amber
414.	<i>Episinus regalis</i> (Petrunkevitch, 1958)	Pa	Baltic amber
415.	<i>Episinus stridulus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
416.	<i>Episinus tibiaseta</i> Wunderlich, 2011g	Ne	Dominican amber
417.	<i>Episinus transversus</i> Wunderlich, 2008b	Pa	Baltic amber
418.	<i>Episinus tuberosus</i> Wunderlich, 1988	Ne	Dominican amber
	<i>Episinus spp.</i> in Wunderlich (2008b)	Pa	Baltic amber
	<b>Euryopsis Menge, 1868</b>		<b>Palaeogene – Recent</b>
419.	? <i>Euryopsis araneoides</i> Wunderlich, 2008b	Pa	Baltic amber
420.	<i>Euryopsis bitterfeldensis</i> Wunderlich, 2008b	Pa	Baltic / Bitt. amber
421.	<i>Euryopsis nexus</i> Wunderlich, 2008b	Pa	Baltic amber
422.	<i>Euryopsis streyi</i> Wunderlich, 2008b	Pa	Baltic / Bitt. Amber
	<i>Euryopsis/Emertonella</i> complex in Penney et al. (2012c)	Qt	Colombian copal
†	<b>Euryopus Menge in C. L. Koch &amp; Berendt, 1854</b>		<b>Palaeogene</b>
423.	<i>Euryopus gracilipes</i> Menge in C. L. Koch & Berendt, 1854*	Pa	Baltic amber

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

† <b>Nanosteato</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
453. <i>Nanosteato breviscutum</i> Wunderlich, 2008b .....	Pa Baltic amber
454. <i>Nanosteato trisetae</i> Wunderlich, 2008b .....	Pa Baltic amber
† <b>Obscuropholcomma</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
455. <i>Obscuropholcomma</i> sp. in Wunderlich (2012b) .....	Pa Rovno amber
456. <i>Obscuropholcomma tegens</i> Wunderlich, 2008b* .....	Pa Baltic amber
<b>Phoroncidia</b> Westwood, 1835 .....	<b>Quaternary – Recent</b>
457. <i>Phoroncidia ?aculeata</i> Westwood, 1835 <b>[Recent]</b> .....	Qt Madagascan copal
<b>Platnickina</b> Koçak & Kemal, 2008 .....	<b>Quaternary – Recent</b>
458. <i>Platnickina duosetae</i> Wunderlich, 2012a .....	Qt Madagascan copal
† <b>Praetereuryopsis</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
459. <i>Praetereuryopsis phoroncidoide</i> s Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Pronepos</b> Petrunkevitch, 1963 .....	<b>Neogene</b>
460. <i>Pronepos exilis</i> Petrunkevitch, 1963* .....	Ne Chiapas amber
461. <i>Pronepos fossilis</i> Petrunkevitch, 1963 .....	Ne Chiapas amber
† <b>Protosteato</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
462. <i>Protosteato gutta</i> Wunderlich, 2008b .....	Pa Baltic amber
† <b>Pseudoteutana</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
463. <i>Pseudoteutana stigmata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Eomysmena stridens</i> Petrunkevitch, 1958.....	Pa Baltic amber
ii. = <i>Flegia succini</i> Petrunkevitch, 1942 .....	Pa Baltic amber
† <b>Rugapholcomma</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
464. <i>Rugapholcomma patellaris</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Spinisinus</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
465. <i>Spinisinus parvioculi</i> Wunderlich, 2008b .....	Pa Baltic amber
466. <i>Spinisinus splendidus</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Spinitharinus</b> Wunderlich, 2008b .....	<b>Palaeogene</b>
467. <i>Spinitharinus bulbosus</i> Wunderlich, 2008b* .....	Pa Baltic / Bitt. amber
468. <i>Spinitharinus cheliceratus</i> Wunderlich, 2008b .....	Pa Baltic / Bitt. amber
469. <i>Spinitharinus coniectens</i> Wunderlich, 2008b .....	Pa Baltic amber
470. <i>Spinitharinus curvatus</i> Wunderlich, 2008b .....	Pa Baltic amber
471. <i>Spinitharinus cymbioseta</i> Wunderlich, 2008b .....	Pa Baltic amber
<i>Spinitharinus</i> spp. in Wunderlich (2008b) .....	Pa Baltic amber
<b>Spintharus</b> Hentz, 1850 .....	<b>Neogene – Recent</b>
472. <i>Spintharus longisoma</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Steato</b> Sundevall, 1833 .....	<b>?Palaeogene – Recent</b>
473. ‘ <i>Steato</i> ’ <i>anticus</i> (Berland, 1939) .....	Pa Baltic amber
<b>Stemmops</b> O. P.-Cambridge, 1894 .....	<b>Neogene – Recent</b>
474. <i>Stemmops incertus</i> Wunderlich, 1988 .....	Ne Dominican amber
475. <i>Stemmops prominens</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Styopsis</b> Simon, 1894 .....	<b>Neogene – Recent</b>



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

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

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

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

579. *Protheridion tibialis* Wunderlich, 2004<sup>f</sup> ..... Pa Baltic amber
- † **Zarqaraneus Wunderlich, 2008d** ..... **Cretaceous**
580. *Zarqaraneus huda* Wunderlich, 2008<sup>d</sup>\* ..... K Jordanian amber
- † **PRAETHERIDIIDAE Wunderlich, 2004l** (n. stat. 2012) ..... **Palaeogene**
- † ***Praetheridion* Wunderlich, 2004l** ..... **Palaeogene**
581. *Praetheridion fleissneri* Wunderlich, 2004<sup>f</sup>\* ..... Pa Baltic amber
- SYNAPHRIDAE Wunderlich, 1986** ..... **Palaeogene – Recent**
- † ***Iardinidis* Wunderlich 2004k** ..... **Palaeogene**
582. *Iardinidis brevipes* Wunderlich, 2004<sup>k</sup>\* ..... Pa Baltic amber
- PIMOIDAE Wunderlich, 1986** ..... **Palaeogene – Recent**
- Pimoidae* Chamberlin & Ivie, 1943** ..... **Palaeogene – Recent**
583. *Pimoida expandens* Wunderlich, 2004<sup>r</sup> ..... Pa Baltic amber
584. *Pimoida (Eopimoida) hormigai* Wunderlich, 2004<sup>r</sup> ..... Pa Baltic amber
585. *Pimoida inopinata* Wunderlich, 2004<sup>r</sup> ..... Pa Baltic amber
586. *Pimoida liedtkei* Wunderlich, 2004<sup>r</sup> ..... Pa Baltic amber
587. *Pimoida lingua* Wunderlich, 2004<sup>r</sup> ..... Pa Baltic amber
588. *Pimoida (Eopimoida) longiscapus* Wunderlich, 2008<sup>a</sup> ..... Pa Baltic amber
589. *Pimoida multicusculi* Wunderlich, 2004<sup>r</sup> ..... Pa Baltic amber
590. *Pimoida (Eopimoida) obruens* Wunderlich, 2008<sup>a</sup> ..... Pa Baltic amber
- Pimoida* sp. in Wunderlich (2004<sup>r</sup>) ..... Pa Baltic amber
- Pimoida (Eopimoida)* sp. in Wunderlich (2008<sup>a</sup>) ..... Pa Baltic amber
- PUMILIOPIMOIDAE Wunderlich, 2008a** ..... **Palaeogene – Recent**
- † ***Pumiliopimoida* Wunderlich, 2008a** ..... **Palaeogene**
591. *Pumiliopimoida parma* Wunderlich, 2008<sup>a</sup>\* ..... Pa Baltic amber
- SINOPIMOIDAE Li & Wunderlich, 2008** ..... **Recent**
- no fossil record
- LINYPHIIDAE Blackwall, 1859** ..... **Cretaceous – Recent**
- = MICRYPHANTIDAE Bertkau, 1878<sup>a</sup>
- = ERIGONIDAE Simon, 1884<sup>c</sup>
- ?Linyphiidae gen. et sp. indet in McAlpine & Martin (1969) ..... K Canadian amber
- Linyphiidae gen. et sp. indet in Penney (2002) ..... K New Jersey amber
- Linyphiidae gen. et sp. indet in Schmidt *et al.* (2010) ..... K Ethiopian amber
- Linyphiinae gen. et sp. indet in Penney & Selden (2002) ..... K Lebanese amber
- [NB: Wunderlich (2012<sup>d</sup>) questioned the veracity of these Cretaceous linyphiids.]
- † ***Agynetiophantes* Wunderlich, 2004s** ..... **Palaeogene**
592. *Agynetiophantes gibbiferus* Wunderlich, 2004<sup>s</sup>\* ..... Pa Baltic amber

<b>Ceratinopsis Emerton, 1882</b> .....	<b>Quaternary – Recent</b>
593. <i>Ceratinopsis deformans</i> (Wunderlich, 1998) .....	Qt Madagascan copal
<b>Cnephalocotes Simon, 1884c</b> .....	<b>Quaternary – Recent</b>
594. <i>Cnephalocotes obscurus</i> (Blackwall, 1834b) <b>[Recent]</b> .....	Qt England
† <b>Custodela Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
= † <i>Obnisus</i> Petrunkevitch, 1942 [tentative synonymy]	
595. <i>Custodela acuta</i> Wunderlich, 2004s .....	Pa Baltic amber
596. <i>Custodela acutula</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
597. <i>Custodela bispina</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
598. <i>Custodela bispinosa</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
599. <i>Custodela cheiracantha</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
600. <i>Custodela clava</i> Wunderlich, 2004s .....	Pa Baltic amber
601. <i>Custodela curva</i> Wunderlich, 2004s .....	Pa Baltic amber
602. <i>Custodela curvata</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
603. <i>Custodela divergens</i> Wunderlich, 2004s .....	Pa Baltic amber
604. <i>Custodela expandens</i> Wunderlich, 2004s .....	Pa Baltic amber
605. <i>Custodela falcata</i> Wunderlich, 2004s .....	Pa Baltic amber
606. <i>Custodela femurspinosa</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
607. <i>Custodela henningseni</i> Wunderlich, 2004s .....	Pa Baltic amber
608. <i>Custodela kochi</i> Wunderlich, 2004s .....	Pa Baltic amber
609. <i>Custodela lamellata</i> (Wunderlich, 1988) .....	Pa Baltic amber
610. <i>Custodela lanx</i> Wunderlich, 2004s .....	Pa Baltic amber
611. <i>Custodela oblonga</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
612. <i>Custodela obtusa</i> Wunderlich, 2004s .....	Pa Baltic amber
613. ? <i>Custodela parva</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
614. <i>Custodela pseudokochi</i> Wunderlich, 2004s .....	Pa Baltic amber
615. <i>Custodela stridulans</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
616. <i>Custodela tenuipes</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
617. <i>Custodela tibialis</i> Wunderlich, 2004s .....	Pa Baltic amber
<i>Custodela</i> sp. <i>in</i> Wunderlich (2004s) .....	Pa Bitterfeld amber
† <b>Custodelela Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
618. <i>Custodelela hamata</i> Wunderlich, 2004s* .....	Pa Bitterfeld amber
† <b>Eolabulla Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
619. <i>Eolabulla falcata</i> Wunderlich, 2004s .....	Pa Baltic amber
620. <i>Eolabulla gladiformis</i> Wunderlich, 2004s .....	Pa Baltic amber
621. <i>Eolabulla laminata</i> Wunderlich, 2004s* .....	Pa Baltic amber
622. <i>Eolabulla perforata</i> Wunderlich, 2004s .....	Pa Baltic amber
623. <i>Eolabulla sagitta</i> Wunderlich, 2004s .....	Pa Baltic amber
624. <i>Eolabulla similis</i> Wunderlich, 2004s .....	Pa Baltic amber
<i>Eolabulla</i> sp. 1–2 <i>in</i> Wunderlich (2004s) .....	Pa Baltic amber
† <b>Eophantes Wunderlich, 2004s</b> .....	<b>Palaeogene</b>

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

<b>Pocadicnemis Simon, 1884c</b> .....	<b>Quaternary – Recent</b>
652. <i>Pocadicnemis pumila</i> (Blackwall, 1841) [Recent] .....	Qt England
<b>Savignia Blackwall, 1833</b> .....	<b>Quaternary – Recent</b>
653. <i>Savignia frontata</i> Blackwall, 1833 [Recent] .....	Qt England
<b>Selenyphantes Gertsch &amp; Davis, 1946</b> .....	<b>Neogene – Recent</b>
= † <i>Palaeolinyphia</i> Wunderlich, 1986	
654. <i>Selenyphantes flagellifera</i> (Wunderlich, 1986) .....	Ne Dominican amber
† <b>Succineta Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
655. <i>Succineta brevispina</i> Wunderlich, 2004s .....	Pa Baltic amber
656. <i>Succineta discoidalis</i> Wunderlich, 2004s* .....	Pa Baltic amber
<i>Succineta</i> sp. in Wunderlich (2004s) .....	Pa Baltic amber
† <b>Succiphantes Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
657. <i>Succiphantes tanasevitchi</i> Wunderlich, 2004s .....	Pa Baltic amber
658. <i>Succiphantes velteni</i> Wunderlich, 2004s* .....	Pa Baltic amber
<b>Toschia Caporiacco, 1949</b> .....	<b>Quaternary – Recent</b>
659. ? <i>Toschia fossilis</i> Wunderlich, 2004as .....	Qt Madagascan copal
<b>TETRAGNATHIDAE Menge, 1866</b> .....	<b>Cretaceous – Recent</b>
= PACHYGNATHIDAE Menge, 1866	
= METIDAE Simon, 1894	
= NANOMETIDAE Forster & Forster, 1999	
† <b>Anameta Wunderlich, 2004h</b> .....	<b>Palaeogene</b>
660. <i>Anameta distenda</i> Wunderlich, 2004h* .....	Pa Bitterfeld amber
661. <i>Anameta kuntneri</i> Wunderlich, 2008a .....	Pa Baltic amber
<b>Azilia Keyserling, 1882</b> .....	<b>Neogene – Recent</b>
662. <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
† <b>Balticgnatha Wunderlich, 2011h</b> .....	<b>Palaeogene</b>
663. <i>Balticgnatha projectens</i> Wunderlich 2011h* .....	Pa Baltic amber
† <b>Baltleucauge Wunderlich, 2008a</b> .....	<b>Palaeogene</b>
664. <i>Baltleucauge gillespieae</i> Wunderlich 2008a* .....	Pa Baltic amber
665. <i>Baltleucauge propinqua</i> Wunderlich, 2012c .....	Pa Baltic amber
† <b>Corneometa Wunderlich, 2004h</b> .....	<b>Palaeogene</b>
666. <i>Corneometa baltica</i> Wunderlich 2004h* .....	Pa Baltic amber
667. <i>Corneometa pilosipes</i> Wunderlich 2004h .....	Pa Baltic amber
<b>Cyrtognatha Keyserling, 1882</b> .....	<b>Neogene – Recent</b>
668. <i>Cyrtognatha weitschati</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Eometa Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
669. <i>Eometa calefacta</i> Wunderlich, 2004h .....	Pa Baltic amber
670. <i>Eometa longipes</i> Petrunkevitch, 1958 .....	Pa Baltic amber
671. <i>Eometa occulta</i> Wunderlich, 2004h .....	Pa Baltic amber



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

† <b>Luxurionephila Wunderlich, 2004i</b> .....	<b>Palaeogene</b>
696. <i>Luxurionephila spinifera</i> Wunderlich, 2004i .....	Pa Baltic amber
† <b>Minutunguis Wunderlich, 2011f</b> .....	<b>Quaternary</b>
697. <i>Minutunguis silvestris</i> Wunderlich, 2011f* .....	Qt Madagascar copal
<b>Nephila Leach, 1815</b> .....	<b>Jurassic – Recent</b>
698. <i>Nephila breviembolus</i> Wunderlich, 1986 .....	Ne Dominican amber
699. <i>Nephila dommeli</i> Wunderlich, 1982 .....	Ne Dominican amber
700. <i>Nephila furca</i> Wunderlich, 1986 .....	Ne Dominican amber
701. <i>Nephila longembolus</i> Wunderlich, 1986 .....	Ne Dominican amber
702. <i>Nephila jurassica</i> Selden, Shih & Ren, 2011 .....	J Daohugou
703. <i>Nephila pennatipes</i> Scudder, 1885 .....	Pa Florissant
704. <i>Nephila tenuis</i> Wunderlich, 1986 .....	Ne Dominican amber
<i>Nephila</i> sp. in Dunlop & Penney (2012) .....	K Crato Formation
† <b>Palaeonephila Wunderlich, 2004i</b> .....	<b>Palaeogene</b>
705. <i>Palaeonephila brevis</i> Wunderlich, 2004i .....	Pa Baltic amber
706. <i>Palaeonephila curvata</i> Wunderlich, 2004i* .....	Pa Baltic amber
707. <i>Palaeonephila dilitans</i> Wunderlich, 2004i .....	Pa Baltic amber
708. <i>Palaeonephila fibula</i> Wunderlich, 2004i .....	Pa Baltic amber
709. <i>Palaeonephila longipes</i> Wunderlich, 2004i .....	Pa Baltic amber
† <b>JURARANEIDAE Eskov, 1984</b> .....	<b>Jurassic</b>
† <b>Juraraneus Eskov, 1984</b> .....	<b>Jurassic</b>
710. <i>Juraraneus rasnitsyni</i> Eskov, 1984 .....	J Transbaikalia
<b>ARANEIDAE Simon, 1895</b> .....	<b>Cretaceous – Recent</b>
= EPEIRIDAE Sundevall, 1833 [based on a generic synonym]	
= EUETRIIDAE Thorell, 1887 [based on a generic synonym]	
= ARGIOPIDAE Simon, 1890	
= ZYGIELLIDAE Simon, 1929	
?Araneinae sp. in Wunderlich (2004h) .....	Pa Baltic amber
Araneidae gen. et sp. indet. in Ribera (2003) .....	Qt Girona, Spain
?Mangorini indet. in Wunderlich (2011a) .....	Pa Baltic amber
† <b>Anepeira Wunderlich, 2004i</b> .....	<b>Palaeogene</b>
711. <i>Anepeira complicata</i> Wunderlich, 2004i* .....	Pa Baltic amber
† <b>Araneometa Wunderlich, 1988</b> .....	<b>Neogene</b>
712. <i>Araneometa excelsa</i> Wunderlich, 1988 .....	Ne Dominican amber
713. <i>Araneometa herrlingi</i> Wunderlich, 1988* .....	Ne Dominican amber
714. <i>Araneometa spirembolus</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Araneometa</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>Araneus Clerck, 1757</b> .....	<b>?Cretaceous – Recent</b>
715. ? <i>Araneus</i> sp. in Wunderlich (2012c) .....	Pa Baltic amber
716. <i>Araneus absconditus</i> (Scudder, 1890a) .....	Pa Florissant

717. <i>Araneus aethus</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
718. <i>Araneus beipiaoensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
719. <i>Araneus carbonaceous</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
720. <i>Araneus cinefactus</i> (Scudder, 1890a)	Pa Florissant
721. <i>Araneus defunctus</i> Petrunkevitch, 1958	Pa Baltic amber
722. <i>Araneus delitus</i> (Scudder, 1890a)	Pa Florissant
723. <i>Araneus emertoni</i> (Scudder, 1890a)	Pa Florissant
724. <i>Araneus exustus</i> Petrunkevitch, 1963	Ne Chiapas amber
725. <i>Araneus kinchloae</i> Dunlop & Jekel, 2009	Pa Florissant
i. = <i>Araneus indistinctus</i> (Petrunkevitch, 1922) [preoccupied]	
726. <i>Araneus inelegans</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
727. <i>Araneus leptopodus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
728. <i>Araneus liaoxiensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
729. <i>Araneus longimanus</i> (Petrunkevitch, 1922)	Pa Florissant
730. <i>Araneus (Calinurus) longipes</i> Dalman, 1826	Qt Copal
731. <i>Araneus luianus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
732. <i>Araneus meeki</i> (Scudder, 1890a)	Pa Florissant
733. <i>Araneus molassicus</i> (Heer, 1865)	Ne Öhningen
734. <i>Araneus nanus</i> Wunderlich, 1988	Ne Dominican amber
735. <i>Araneus piceus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
736. <i>Araneus reheensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
737. <i>Araneus ruidipedalis</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
738. <i>Araneus troschellii</i> (Bertkau, 1878b)	Ne Rott, Germany
739. <i>Araneus vulcanalis</i> (Scudder, 1890a)	Pa Florissant
<b>Argiope Audouin, 1826</b>	<b>Neogene – Recent</b>
= † <i>Magnaranea</i> Hong, 1985	
740. <i>Argiope furva</i> (Hong, 1985)	Ne Shanwang
† <b>Bararaneus Wunderlich, 2004i</b>	<b>Palaeogene</b>
741. ? <i>Bararaneus annulatus</i> Wunderlich, 2004i	Pa Baltic amber
742. <i>Bararaneus evolvens</i> Wunderlich, 2004*	Pa Baltic amber
† <b>Chrysometata Wunderlich, 2004h</b>	<b>Palaeogene</b>
743. <i>Chrysometata palaeartica</i> Wunderlich, 2004h*	Pa Baltic amber
† <b>Cyclososoma Petrunkevitch, 1958</b>	<b>Palaeogene</b>
744. <i>Cyclososoma succini</i> Petrunkevitch, 1958*	Pa Baltic amber
<b>Enacrosoma Mello-Leitão, 1932</b>	<b>Neogene – Recent</b>
745. <i>Enacrosoma verrucosa</i> (Wunderlich, 1988)	Ne Dominican amber
† <b>Eoaraneus Wunderlich, 2004i</b>	<b>Palaeogene</b>
746. <i>Eoaraneus complexus</i> Wunderlich, 2004*	Pa Baltic amber
† <b>Eochorizopes Wunderlich, 2008a</b>	<b>Palaeogene</b>
747. <i>Eochorizopes szeklinskiae</i> Wunderlich, 2008a*	Pa Baltic amber
† <b>Eozygiella Wunderlich, 2004h</b>	<b>Palaeogene</b>

748. <i>Eozygiella compacta</i> Wunderlich, 2004h* .....	Pa Baltic amber
† <b>Fossilareneus Wunderlich, 1988</b> .....	<b>Neogene</b>
749. <i>Fossilareneus incertus</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>Gea C. L. Koch, 1843a</b> .....	<b>Palaeogene – Recent</b>
750. <i>Gea krantzi</i> von Heyden, 1859 .....	Ne Rott, Germany
† <b>Graea Thorell, 1869</b> .....	<b>Palaeogene</b>
= † <i>Eustaloides</i> Petrunkevitch, 1942	
751. ? <i>Graea aberrans</i> Wunderlich, 2004h .....	Pa Baltic amber
752. <i>Graea bitterfeldensis</i> Wunderlich, 2004h .....	Pa Bitterfeld amber
753. <i>Graea breviembolus</i> Wunderlich, 2004h .....	Pa Baltic amber
754. <i>Graea brevis</i> Wunderlich, 2004h .....	Pa Baltic amber
755. <i>Graea calceatus</i> (Petrunkevitch, 1950) .....	Pa Baltic amber
756. <i>Graea epeiroidea</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
757. <i>Graea impudica</i> Wunderlich, 2004h .....	Pa Baltic amber
758. <i>Graea lingula</i> Wunderlich, 2004h .....	Pa Baltic amber
759. <i>Graea magnocoli</i> Wunderlich, 2012c .....	Pa Baltic amber
760. <i>Graea minor</i> (Petrunkevitch, 1950) .....	Pa Baltic amber
761. <i>Graea setosa</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
762. <i>Graea succini</i> Petrunkevitch, 1942 .....	Pa Baltic amber
<b>Hypognatha Guérin, 1839</b> .....	<b>Quaternary – Recent</b>
763. <i>Hypognatha testudinaria</i> (Taczanowski, 1879) <b>[Recent]</b> .....	Qt Colombian copal
† <b>Meditrina Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
764. <i>Meditrina circumvallata</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Mesozygiella Penney &amp; Ortuño, 2006</b> .....	<b>Cretaceous</b>
765. <i>Mesozygiella dunlopi</i> Penney & Ortuño, 2006* .....	K Álava amber
† <b>Miraraneus Wunderlich, 2004i</b> .....	<b>Palaeogene</b>
766. <i>Miraraneus peregrinus</i> Wunderlich, 2004i* .....	Pa Baltic amber
† <b>Mirometa Petrunkevitch, 1963</b> .....	<b>Neogene</b>
767. <i>Mirometa valdespinosa</i> Petrunkevitch, 1963 .....	Ne Chiapas amber
<b>Molinaranea Mello-Leitão, 1940</b> .....	<b>Neogene – Recent</b>
768. <i>Molinaranea mitnickii</i> Saube, Selden & Penney, 2010 .....	Ne Dominican amber
† <b>Pycnosinga Wunderlich, 1988</b> .....	<b>Neogene</b>
769. <i>Pycnosinga fossilis</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Testudinaroides Dunlop &amp; Jekel, 2008</b> .....	<b>Neogene</b>
= † <i>Testudinaria</i> Zhang, Sun & Zhang, 1994 [preoccupied]	
770. <i>Testudinaroides papposa</i> (Zhang, Sun & Zhang, 1994) .....	Ne Shanwang
† <b>Tethneus Scudder, 1885</b> .....	<b>Palaeogene</b>
= † <i>Melanites</i> Hong, 1985	
771. <i>Tethneus guyoti</i> Scudder, 1890a .....	Pa Florissant
772. <i>Tethneus hentzi</i> Scudder, 1885* .....	Pa Florissant
773. <i>Tethneus obduratus</i> Scudder, 1890a .....	Pa Florissant

774. <i>Tethneus orbiculatus</i> (Hong, 1985) .....	Ne Shanwang
775. <i>Tethneus provectus</i> Scudder, 1890a .....	Pa Florissant
776. <i>Tethneus robustus</i> Petrunkevitch, 1922 .....	Pa Florissant
777. <i>Tethneus twenhofeli</i> Petrunkevitch, 1922 .....	Pa Florissant
<b>Zilla C. L. Koch, 1834</b> .....	<b>Palaeogene – Recent</b>
778. <i>Zilla gracilis</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
779. <i>Zilla porrecta</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
780. <i>Zilla veterana</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>RETROLATERAL TIBIAL APOPHYSIS CLADE</b> .....	<b>Cretaceous – Recent</b>
?RTA-clade <i>in</i> Wunderlich (2008d) .....	K Myanmar amber
<b>LYCOSOIDEA Sundevall, 1833</b> .....	<b>Cretaceous – Recent</b>
† <b><i>Korearachne</i> Selden, Nam, Kim &amp; Kim, 2012</b> .....	<b>Cretaceous</b>
781. <i>Korearachne jinju</i> Selden, Nam, Kim & Kim, 2012* .....	K Sacheon, S. Korea
[Tentative assignment to Lycosoidea; disputed by Wunderlich (2012d) who suggested it	
could be a haplogyne spider in Pholcoidea or Leptonetoidea]	
<b>LYCOSIDAE Sundevall, 1833</b> .....	<b>?Cretaceous – Recent</b>
Lycosidae gen. et sp. <i>in</i> Bottali (1975) .....	Qt Italy
Lycosidae gen. et sp. <i>in</i> Schawaller (1982d) .....	Ne Willershausen
Lycosidae gen. et sp. <i>in</i> Penney (2001) .....	Ne Dominican amber
Lycosidae gen. et sp. <i>in</i> Kim & Nam (2012) [unreliable record] .....	K Lioyuan, China
<b><i>Alopecosa</i> Simon, 1885b</b> .....	<b>Quaternary – Recent</b>
782. <i>Alopecosa ?pulverulenta</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
† <b><i>Dryadia</i> Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Palaeogene</b>
783. <i>Dryadia acanthopoda</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
<b><i>Lycosa</i> Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
784. <i>Lycosa florissanti</i> Petrunkevitch, 1922 .....	Pa Florissant
785. <i>Lycosa lithographica</i> Schawaller & Ono, 1979 .....	Ne Randecker Maar
786. <i>Lycosa malleata</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
787. <i>Lycosa miocaena</i> Schawaller & Ono, 1979 .....	Ne Randecker Maar
788. <i>Lycosa subterranea</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
<b><i>Pardosa</i> C. L. Koch, 1847</b> .....	<b>Quaternary – Recent</b>
789. <i>Pardosa pullata</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
<i>Pardosa</i> sp. <i>in</i> Scott (2003) .....	Qt England
<b><i>Pirata</i> Sundevall, 1833</b> .....	<b>Quaternary – Recent</b>
790. <i>Pirata ?piraticus</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
<b><i>Trochosa</i> C. L. Koch, 1847</b> .....	<b>Quaternary – Recent</b>
791. <i>Trochosa terricola</i> Thorell, 1856 <b>[Recent]</b> .....	Qt England
† <b>PARATTIDAE Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
† <b><i>Parattus</i> Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>

792. *Parattus evocatus* (Scudder, 1890a) ..... Pa Florissant  
 793. *Parattus latitatus* (Scudder, 1890a) ..... Pa Florissant  
 794. *Parattus oculatus* Petrunkevitch, 1922 ..... Pa Florissant  
 795. *Parattus resurrectus* (Scudder, 1890a)\* ..... Pa Florissant
- TRECHALEIDAE Simon, 1890** ..... **Palaeogene – Recent**  
 = TRICLARIDAE O. P.-Cambridge, 1877 [*nomen oblitum*]  
 = PERISSOBLEMMATIDAE O. P.-Cambridge, 1882b [based on a synonym]  
 Trechaleidae sp. *in* Wunderlich (2004aa) ..... Pa Baltic amber
- † **Eotrechalea Wunderlich, 2004aa** ..... **Palaeogene**  
 796. *Eotrechalea annulata* Wunderlich, 2004aa\* ..... Pa Baltic amber
- † **Esuritor Petrunkevitch, 1942** ..... **Palaeogene**  
 797. *Esuritor aculeatus* Petrunkevitch, 1958 ..... Pa Baltic amber  
 798. *Esuritor spinipes* Petrunkevitch, 1942\* ..... Pa Baltic amber
- † **Linoptes Menge, 1854** ..... **Palaeogene**  
 799. ?'*Linoptes*' *oculeus* Menge *in* C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber  
 NB: *Linoptes* mentioned as a *nomen nudum* by Wunderlich (2004z); this species listed by Wunderlich (2004aa) under Trechaleidae and another species under Pisauridae (see below)
- PISAURIDAE Simon, 1890** ..... **Palaeogene – Recent**  
 = BRADYSTICHIDAE Simon, 1884  
 = DOLOMEDIDAE Simon, 1898a  
 = HALIDAE Jocqué, 1994  
 Pisauridae sp. *in* Wunderlich (1988) ..... Pa Dominican amber  
 Pisauridae sp. *in* Wunderlich (2004z) ..... Pa Baltic amber
- Dolomedes Latreille, 1804a** ..... **Quaternary – Recent**  
 800. *Dolomedes fimbriatus* (Clerck, 1757) [Recent] ..... Qt England
- † '*Linoptes*' Menge, 1854 ..... **Palaeogene**  
 = † *Eopisaurella* Petrunkevitch, 1958  
 NB: See notes on *Linoptes* under Trechaleidae above!  
 801. ?'*Linoptes*' *valdespinosa* (Petrunkevitch, 1958)\* ..... Pa Baltic amber  
 ?'*Linoptes*' sp. 1–8 *in* Wunderlich (2004z) ..... Pa Baltic amber
- † **Palaeoperenethis Selden & Penney, 2009** ..... **Palaeogene**  
 802. *Palaeoperenethis thaleri* Selden & Penney, 2009\* ..... Pa British Columbia
- OXYOPIDAE Thorell, 1870a** ..... **Palaeogene – Recent**  
 = SPHASIDAE O. P.-Cambridge, 1871  
 = HAMATALIVIDAE Marx, 1890b  
 Oxyopidae sp. *in* Wunderlich 2004ab ..... Pa Bitterfeld amber
- Oxyopes Latreille, 1804a** ..... **Palaeogene – Recent**  
 803. *Oxyopes defectus* Wunderlich, 1988 ..... Ne Dominican amber  
 804. '*Oxyopes*' *succini* Petrunkevitch, 1958 ..... Pa Baltic amber  
*Oxyopes* sp. *in* Wunderlich (1988, 2004ab) ..... Ne Dominican amber

- † ***Planoxyopes* Petrunkevitch, 1963** ..... **Neogene**  
 805. *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**  
 806. *Eomatachia barbarus* Wunderlich, 2004x ..... Pa Baltic amber  
 807. *Eomatachia bipartita* Wunderlich, 2004x ..... Pa Baltic amber  
 808. *Eomatachia divergens* Wunderlich, 2004x ..... Pa Baltic amber  
 809. *Eomatachia duplex* Wunderlich, 2004x ..... Pa Baltic amber  
 810. *Eomatachia latifrons* Petrunkevitch, 1942\* ..... Pa Baltic amber  
 811. *Eomatachia recedens* Wunderlich, 2004x ..... Pa Baltic amber  
 812. *Eomatachia succini* (Petrunkevitch, 1942) ..... Pa Baltic amber  
 813. *Eomatachia wegneri* Wunderlich, 2004x ..... Pa Baltic amber  
 814. *Eomatachia xanthippe* Wunderlich, 2004x ..... Pa Baltic amber
- † ***Eoprychia* Petrunkevitch, 1958** ..... **Palaeogene**  
 815. *Eoprychia succini* Petrunkevitch, 1958\* ..... Pa Baltic amber  
 816. *Eoprychia succinopsis* Wunderlich, 2004x ..... Pa Baltic amber  
 817. *Eoprychia vicina* Wunderlich, 2004x ..... Pa Baltic amber  
     *Eoprychia* sp. *in* Wunderlich (2004x) ..... ?Pa not specified
- † ***Succiniropsis* Wunderlich, 2004x** ..... **Palaeogene**  
 818. *Succiniropsis kutschleri* Wunderlich, 2004x\* ..... Pa Baltic / Bitt. Amber  
 819. *Succiniropsis runcinata* Wunderlich, 2012c ..... Pa Baltic amber  
 820. *Succiniropsis samlandica* Wunderlich, 2004x ..... Pa Baltic amber
- † **INSECUTORIDAE Petrunkevitch, 1942** ..... **Palaeogene**  
 † ***Insecutor* Petrunkevitch, 1942** ..... **Palaeogene**  
 821. *Insecutor aculeatus* Petrunkevitch, 1942\* ..... Pa Baltic amber

822. <i>Insecutor mandibulatus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
823. ? <i>Insecutor pecten</i> Wunderlich, 2004y .....	Pa Baltic amber
824. <i>Insecutor rufus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
825. ? <i>Insecutor spinifer</i> Wunderlich, 2004y .....	Pa Baltic amber
? <i>Insecutor</i> sp. in Wunderlich (2004y) .....	Pa Baltic amber
<b>ZORIDAE F. O. P.-Cambridge, 1893</b> .....	<b>Palaeogene – Recent</b>
† <b>Zorapostenus</b> Wunderlich, 2008c .....	<b>Palaeogene</b>
826. <i>Zorapostenus raveni</i> Wunderlich, 2008c .....	Pa Baltic amber
† <b>SUCCINOMIDAE</b> Wunderlich, 2012c .....	<b>Palaeogene</b>
† <b>Eohalinobius</b> Wunderlich, 2008c .....	<b>Palaeogene</b>
827. <i>Eohalinobius calefactus</i> Wunderlich, 2012c .....	Pa Baltic amber
828. <i>Eohalinobius hiddenseensis</i> Wunderlich, 2012c .....	Pa Baltic amber
829. <i>Eohalinobius patina</i> Wunderlich, 2012c .....	Pa Baltic amber
830. <i>Eohalinobius scutatus</i> Wunderlich, 2008c .....	Pa Baltic amber
† <b>Succinomus</b> Wunderlich, 2008c .....	<b>Palaeogene</b>
831. <i>Succinomus duomammillae</i> Wunderlich, 2008c .....	Pa Baltic amber
832. ? <i>Succinomus gibbosus</i> Wunderlich, 2012c .....	Pa Baltic amber
<b>CTENIDAE</b> Keyserling, 1877 .....	<b>Neogene – Recent</b>
= ACANTHOCTENIDAE Simon, 1892b	
† <b>Nanoctenus</b> Wunderlich, 1988 .....	<b>Neogene</b>
833. <i>Nanoctenus longipes</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>AGELENIDAE</b> C. L. Koch, 1837 .....	<b>Palaeogene – Recent</b>
= TEGENARIDAE Prach, 1860	
= † INCEPTORIDAE Petrunkevitch, 1942	
<b>Agelena</b> Walckenaer, 1805 .....	<b>Palaeogene – Recent</b>
834. <i>Agelena tabida</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>Histocona</b> Thorell, 1869 .....	<b>Palaeogene – Recent</b>
835. ? <i>Histocona anthracina</i> Bertkau, 1878b .....	Ne Rott, Germany
† <b>Inceptor</b> Petrunkevitch, 1942 .....	<b>Palaeogene</b>
836. <i>Inceptor aculeatus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
837. <i>Inceptor dubius</i> Petrunkevitch, 1946 .....	Pa Baltic amber
<b>Tegenaria</b> Latreille, 1804a .....	<b>Palaeogene – Recent</b>
838. ? <i>Tegenaria fragmentum</i> Wunderlich, 2004w .....	Pa Baltic amber
839. <i>Tegenaria lacazei</i> Gourret, 1887 .....	Pa Aix-en-Provence
840. ? <i>Tegenaria obtusa</i> Wunderlich, 2004w .....	Pa Baltic amber
841. <i>Tegenaria virilis</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>DICTYNOIDEA</b> O. P.-Cambridge, 1871 .....	<b>Palaeogene – Recent</b>



**Dictynoidea incertae sedis**

- † ***Sinodictyna* Hong, 1982** ..... **Palaeogene**  
 842. *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**  
 843. *Argyroneta aquatica* (Clerck, 1757) **[Recent]** ..... Qt England  
 844. ?*Argyroneta longipes* Heer, 1865 ..... Ne Öhningen

- † ***Vectaraneus* Selden, 2001** ..... **Palaeogene**  
 845. *Vectaraneus yulei* Selden, 2001\* ..... Pa Bembridge Marls

**DESIDAE Pocock, 1895** ..... **Palaeogene – Recent**

- Myro* O. P.-Cambridge, 1876** ..... **Palaeogene – Recent**  
 846. *Myro extinctus* Petrunkevitch, 1958 ...[possibly belongs in Dictynidae]..... Pa Baltic amber  
 847. *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**  
 848. *Cymbiohahnia parens* Wunderlich, 2004v ..... Pa Baltic, Bitterfeld &  
 Rovno amber

- † ***Eohahnia* Petrunkevitch, 1958** ..... **Palaeogene**  
 849. *Eohahnia succini* Petrunkevitch, 1958\* ..... Pa Baltic amber

- † ***Protohahnia* Wunderlich, 2004v** ..... **Palaeogene**  
 850. *Protohahnia antiqua* Wunderlich, 2004v\* ..... Pa Baltic amber  
 851. *Protohahnia tripartita* Wunderlich, 2004v ..... Pa Baltic amber

**genus uncertain**

852. '*Tegenaria*' *obscura* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

**DICTYNIDAE O. P.-Cambridge, 1871** ..... **Cretaceous – Recent**

= RHIOIDAE Thorell, 1873

= † ARTHRODICTYNIDAE Petrunkevitch, 1942

- Dictynidae gen. et sp. indet *in* Penney (2002) ..... K New Jersey amber  
 Dictynidae sp. 1–2 *in* Wunderlich (2004v) ..... Pa Baltic amber  
 Dictynidae sp. 1–5 *in* Wunderlich (2008d) ..... K Myanmar amber  
 Dictyninae indet *in* Wunderlich (2012b) ..... Pa Rovno amber

<b>Argenna Thorell, 1870a</b> .....	<b>Neogene – Recent</b>
853. <i>Argenna fossilis</i> Petrunkevitch in Palmer, 1957 .....	Ne Mojave Desert
† <b>Arthrodictyna Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
854. <i>Arthrodictyna segmentata</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Balticocryphoeca Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
855. <i>Balticocryphoeca curvitorsis</i> Wunderlich, 2004v* .....	Pa Baltic / Bitt. amber
† <b>Brommellina Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
856. <i>Brommellina longungulae</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Burmadietyna Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
857. <i>Burmadietyna pecten</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b>Chelicirrum Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
858. <i>Chelicirrum stridulans</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Cryphoezaga Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
859. <i>Cryphoezaga dubia</i> Wunderlich, 2004v* .....	Pa Baltic amber
<b>Dictyna Sundevall, 1833</b> .....	<b>Quaternary – Recent</b>
860. <i>Dictyna rufa</i> Wunderlich, 2012a .....	Qt Madagascan copal
† <b>Eobrommella Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
861. <i>Eobrommella scutata</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eocryphoeca Petrunkevitch, 1946</b> .....	<b>Palaeogene</b>
862. <i>Eocryphoeca bitterfeldensis</i> Wunderlich, 2004v .....	Pa Bitterfeld amber
863. <i>Eocryphoeca electrina</i> Wunderlich, 2004v .....	Pa Baltic amber
864. <i>Eocryphoeca falcata</i> Wunderlich, 2004v .....	Pa Baltic amber
865. <i>Eocryphoeca gibbifera</i> Wunderlich, 2004v .....	Pa Baltic amber
866. <i>Eocryphoeca gracilipes</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
867. <i>Eocryphoeca ligula</i> Wunderlich, 2004v .....	Pa Baltic amber
868. <i>Eocryphoeca mammilla</i> Wunderlich, 2004v .....	Pa Baltic amber
869. <i>Eocryphoeca splendens</i> Wunderlich, 2004v .....	Pa Baltic amber
<i>Eocryphoeca</i> sp. in Wunderlich (2004v) .....	Pa Baltic amber
† <b>Eocryphoecara Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
870. <i>Eocryphoecara abicera</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eodictyna Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
871. <i>Eodictyna communis</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eolathys Petrunkevitch, 1950</b> .....	<b>Palaeogene</b>
872. <i>Eolathys debilis</i> Petrunkevitch, 1950 .....	Pa Baltic amber
873. <i>Eolathys succini</i> Petrunkevitch, 1950* .....	Pa Baltic amber
† <b>Flagelldictyna Wunderlich, 2012a</b> .....	<b>Quaternary</b>
874. <i>Flagelldictyna copalis</i> Wunderlich, 2012a* .....	Qt Madagascar copal
† <b>Gibbermastigusa Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
875. <i>Gibbermastigusa lateralis</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Hispaniolyna Wunderlich, 1988</b> .....	<b>Neogene</b>
876. <i>Hispaniolyna hirsuta</i> Wunderlich, 1988 .....	Ne Dominican amber

877. <i>Hispaniolyna magna</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b><i>Mastigusa</i> Menge in C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
= † <i>Eotetrilus</i> Wunderlich, 1982 [ <i>nomen nudum</i> ]	
878. <i>Mastigusa acuminata</i> Menge in C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
879. <i>Mastigusa arcuata</i> Wunderlich, 2004v .....	Pa Baltic amber
880. <i>Mastigusa bitterfeldensis</i> Wunderlich, 2004v .....	Pa Bitterfeld amber
881. <i>Mastigusa laticymbium</i> Wunderlich, 2004v .....	Pa Baltic amber
882. <i>Mastigusa magnibulbus</i> Wunderlich, 2004v .....	Pa Bitterfeld amber
883. <i>Mastigusa media</i> Wunderlich, 1986 .....	Pa Baltic amber
884. <i>Mastigusa modesta</i> Wunderlich, 1986 .....	Pa Baltic amber
885. <i>Mastigusa scutata</i> Wunderlich, 2004v .....	Pa Baltic amber
<i>Mastigusa</i> sp. in Wunderlich (2004v) .....	Pa Baltic amber
† <b><i>Mizagalla</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
886. <i>Mizagalla quattuor</i> Wunderlich, 2004v* .....	Pa Baltic amber
887. <i>Mizagalla tuberculata</i> Wunderlich, 2004v .....	Pa Baltic amber
† <b><i>Palaeodictyna</i> Wunderlich, 1988</b> .....	<b>Neogene</b>
888. <i>Palaeodictyna intermedia</i> Wunderlich, 1988 .....	Ne Dominican amber
889. <i>Palaeodictyna longispina</i> Wunderlich, 1988 .....	Ne Dominican amber
890. <i>Palaeodictyna singularis</i> Wunderlich, 1988 .....	Ne Dominican amber
891. <i>Palaeodictyna spiculum</i> Wunderlich, 1988 .....	Ne Dominican amber
892. <i>Palaeodictyna termitophila</i> Wunderlich, 1988* .....	Ne Dominican amber
893. <i>Palaeodictyna unispina</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b><i>Palaeolathys</i> Wunderlich, 1986</b> .....	<b>Neogene</b>
894. <i>Palaeolathys circumductus</i> Wunderlich, 1988 .....	Ne Dominican amber
895. <i>Palaeolathys copalis</i> Wunderlich, 1986 .....	Qt Dominican copal
896. <i>Palaeolathys quadruplex</i> Wunderlich, 1988 .....	Ne Dominican amber
897. <i>Palaeolathys similis</i> Wunderlich, 1988 .....	Ne Dominican amber
898. <i>Palaeolathys spinosa</i> Wunderlich, 1986* .....	Ne Dominican amber
<i>Palaeolathys</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b><i>Protomastigusa</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
899. <i>Protomastigusa composita</i> Wunderlich, 2004v .....	Pa Baltic amber
† <b><i>Scopulyna</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
900. <i>Scopulyna cursor</i> Wunderlich, 2004v .....	Pa Baltic amber
† <b><i>Succinya</i> Wunderlich, 1988</b> .....	<b>Neogene</b>
901. <i>Succinya longembolus</i> Wunderlich, 1988 .....	Ne Dominican amber
902. <i>Succinya pulcher</i> Wunderlich, 1988* .....	Ne Dominican amber
903. <i>Succinya spinipalpus</i> Wunderlich, 1988 .....	Ne Dominican amber
<b><i>Thallumetus</i> Simon, 1892b</b> .....	<b>Subrecent – Recent</b>
904. <i>Thallumetus copalis</i> Wunderlich, 2004at .....	Qt Colombian copal
<b>AMAUROBIIDAE Thorell, 1870a</b> .....	<b>Palaeogene – Recent</b>

- = CINIFLONIDAE Blackwall, 1841  
[partly also Dictynidae; based on a generic synonym]
- Amaurobiinae sp. *in* Wunderlich (2004*u*) ..... Pa Baltic amber
- PHYXELIDIDAE Lehtinen, 1967** ..... **Recent**  
no fossil record
- TITANOECIDAE Lehtinen, 1967** ..... **Quaternary – Recent**  
† ***Copaldictyna* Wunderlich, 2004*v*** ..... **Quaternary**  
Tentative transfer by Wunderlich (2012*a*)  
905. *Copaldictyna madagascariensis* Wunderlich, 2004*v*\* ..... Qt Madagascan copal
- NICODAMIDAE Simon, 1898** ..... **Recent**  
= MEGADICTYNIDAE Lehtinen, 1967  
no fossil record
- TENGELLIDAE Dahl, 1908** ..... **Recent**  
no fossil record
- MITURGIDAE Simon, 1885*a*** ..... **Neogene – Recent**  
= CHEIRACANTHIDAE Wagner, 1887
- Strotarchus* Simon, 1888** ..... **Neogene – Recent**  
= † *Mimeutychurus* Petrunkevitch, 1963 [tentative synonymy]  
906. *Strotarchus heidti* Wunderlich, 1988 ..... Ne Dominican amber  
907. *Strotarchus paradoxus* (Petrunkevitch, 1963) ..... Ne Chiapas amber
- ANYPHAENIDAE Bertkau, 1878*a*** ..... **Palaeogene – Recent**  
= AMAUROBIOIDIDAE Hickman, 1949
- Anyphaena* Sundevall, 1833** ..... **Palaeogene – Recent**  
908. '*Anyphaena* *fuscata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Anyphaenoides* Berland, 1913** ..... **Neogene – Recent**  
909. *Anyphaenoides bulla* (Wunderlich, 1988) ..... Ne Dominican amber
- Lupettiana* Brescovit, 1997** ..... **Neogene – Recent**  
910. *Lupettiana ligula* (Wunderlich, 1988) ..... Ne Dominican amber
- Wulfila* O. P.-Cambridge, 1895** ..... **Neogene – Recent**  
911. *Wulfila spinipes* Wunderlich, 1988 ..... Ne Dominican amber
- LIOCRANIDAE Simon, 1897*a*** ..... **Palaeogene – Recent**  
?Liocranidae *in* Wunderlich (1988) ..... Ne Dominican amber
- Apostenus* Westring, 1851** ..... **Palaeogene – Recent**  
912. *Apostenus arnoldorum* Wunderlich, 2004*ag* ..... Pa Baltic amber  
913. *Apostenus bigibber* Wunderlich, 2004*ag* ..... Pa Baltic / Bitt. amber  
914. *Apostenus spinimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber

<b>Donuea Strand, 1932</b> .....	<b>Quaternary – Recent</b>
915. <i>Donuea collustrata</i> Bosselaers & Dierick, 2010 <b>[Recent]</b> .....	Qt – R Madagascar
† <b>Palaeospinisoma Wunderlich, 2004ag</b> .....	<b>Palaeogene</b>
916. <i>Palaeospinisoma femoralis</i> Wunderlich, 2004ag* .....	Pa Baltic amber
 <b>CLUBIONOIDEA incertae sedis</b>	
Wunderlich (2011d) proposed removing almost all the amber fossils from the clubionids <i>sensu stricto</i> . We follow this in part for the two genera below, but would prefer a more formal treatment before accepting all these transfers. In general the delimitation of even modern clubionids, and related forms, is problematic.	
† <b>Concursator Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
917. <i>Concursator nudipes</i> Petrunkevitch, 1958* .....	Pa Baltic amber
† <b>Systariella Wunderlich, 2004af</b> .....	<b>Palaeogene</b>
918. <i>Systariella magnioculi</i> Wunderlich, 2004af* .....	Pa Baltic amber
 <b>CLUBIONIDAE Simon, 1895</b> .....	
Clubionidae gen. et sp. <i>in</i> Nishikawa (1974) .....	Qt Mizunami copal
<b>Clubiona Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
919. <i>Clubiona arcana</i> Scudder, 1890a .....	Pa Florissant
920. <i>Clubiona attenuata</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
921. <i>Clubiona curvispinosa</i> Petrunkevitch, 1922 .....	Pa Florissant
922. <i>Clubiona florissanti</i> Petrunkevitch, 1922 .....	Pa Florissant
923. <i>Clubiona lanata</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
924. <i>Clubiona microphthalma</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
925. <i>Clubiona pubescens</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
926. <i>Clubiona sericea</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
927. <i>Clubiona tomentosa</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Desultor Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
928. <i>Desultor depressus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
<b>Elaver O. P.-Cambridge, 1898</b> .....	<b>Neogene – Recent</b>
929. <i>Elaver nutua</i> (Wunderlich, 1988) .....	Ne Dominican amber
† <b>Eobumbatrix Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
930. <i>Eobumbatrix latebrosa</i> (Scudder, 1890a)* .....	Pa Florissant
† <b>Eodoter Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
931. <i>Eodoter eopala</i> Wunderlich, 2004af .....	Pa Baltic amber
932. <i>Eodoter lonimammillae</i> Wunderlich, 2012c .....	Pa Baltic amber
933. <i>Eodoter magnificus</i> Petrunkevitch, 1958* .....	Pa Baltic amber
934. <i>Eodoter scutatus</i> Wunderlich, 2011d .....	Pa Baltic amber
935. <i>?Eodoter tibialis</i> Wunderlich, 2011d .....	Pa Baltic amber
† <b>Eostentatrix Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
936. <i>Eostentatrix cockerelli</i> Petrunkevitch, 1922 .....	Pa Florissant
937. <i>Eostentatrix ostentata</i> (Scudder, 1890a)* .....	Pa Florissant

- † **Eoversatrix Petrunkevitch, 1922** ..... **Palaeogene**  
 938. *Eoversatrix eversa* (Scudder, 1890a)\* ..... Pa Florissant
- † **Machilla Petrunkevitch, 1958** [family uncertain] ..... **Palaeogene**  
 939. *Machilla setosa* Petrunkevitch, 1958\* ..... Pa Baltic amber
- † **Massula Petrunkevitch, 1942** [family uncertain] ..... **Palaeogene**  
 940. *Massula klebsi* Petrunkevitch, 1942\* ..... Pa Baltic amber
- † **Prosocer Petrunkevitch, 1963** ..... **Neogene**  
 941. *Prosocer mollis* Petrunkevitch, 1963\* ..... Ne Chiapas amber
- Clubionidae incertae sedis**
- † **Chiapasona Petrunkevitch, 1963** ..... **Neogene**  
 942. *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**  
 = † *Abligurator* Petrunkevitch, 1942
943. *Ablator biguttatus* Wunderlich, 2004ah ..... Pa Baltic amber  
 944. *Ablator curvatus* Wunderlich, 2004ah ..... Pa Baltic amber  
 945. *Ablator deminuens* Wunderlich, 2004ah ..... Pa Baltic amber  
 946. *Ablator depressus* Wunderlich, 2004ah ..... Pa Baltic amber  
 947. *Ablator duomammillae* Wunderlich, 2004ah ..... Pa Baltic amber  
 948. *Ablator felix* (Petrunkevitch, 1958) ..... Pa Baltic amber  
 949. *Ablator inevolvens* Wunderlich, 2004ah ..... Pa Baltic amber  
 950. *Ablator longus* Wunderlich, 2004ah ..... Pa Baltic amber  
 951. *Ablator nonguttatus* Wunderlich, 2004ah ..... Pa Baltic amber  
 952. *Ablator parvus* Wunderlich, 2004ah ..... Pa Baltic amber  
 953. *Ablator plumosus* (Petrunkevitch, 1950) ..... Pa Baltic amber  
 954. *Ablator robustus* Wunderlich, 2004ah ..... Pa Baltic amber  
 955. *Ablator scutatus* Wunderlich, 2004ah ..... Pa Baltic amber  
 956. *Ablator splendens* Wunderlich, 2004ah ..... Pa Baltic amber  
 957. *Ablator triguttatus* (C. L. Koch & Berendt, 1854)\* ..... Pa Baltic amber  
     i. = *Philodromus microcephalus* C. L. Koch & Berendt,  
     1854 ..... Pa Baltic amber  
     ii. = *Philodromus squamiger* C. L. Koch & Berendt, 1854 ..Pa Baltic amber  
     iii. = *Abligurator niger* Petrunkevitch, 1942 ..... Pa Baltic amber
- † **Alterphrurolithus Wunderlich, 2004ah** ..... **Palaeogene**  
 958. *Alterphrurolithus longipes* Wunderlich, 2004ah ..... Pa Baltic amber
- Castianeira Keyserling, 1880b** ..... **Neogene – Recent**  
 959. *Castianeira tenebricosa* Wunderlich, 1988 ..... Ne Dominican amber
- † **Chemmisomma Wunderlich, 1988** ..... **Neogene**  
 960. *Chemmisomma dubia* Wunderlich, 1988\* ..... Ne Dominican amber

<b>Corinna C. L. Koch, 1842a</b> .....	<b>Neogene – Recent</b>
961. <i>Corinna flagelliformis</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Cornucymbium Wunderlich, 2004ah</b> .....	<b>Palaeogene</b>
962. <i>Cornucymbium insolens</i> Wunderlich, 2004ah* .....	Pa Baltic amber
† <b>Cryptoplanus Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
963. <i>Cryptoplanus bulbosus</i> Wunderlich, 2004ah .....	Pa Baltic amber
964. <i>Cryptoplanus complicatus</i> Wunderlich, 2004ah .....	Pa Baltic amber
965. <i>Cryptoplanus incidens</i> Wunderlich, 2004ah .....	Pa Baltic amber
966. <i>Cryptoplanus lanatus</i> (Petrunkevitch, 1958) .....	Pa Baltic amber
967. <i>Cryptoplanus paradoxus</i> Petrunkevitch, 1958* .....	Pa Baltic amber
968. <i>Cryptoplanus sericatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
969. <i>Cryptoplanus sinuosus</i> Wunderlich, 2004ah .....	Pa Baltic amber
<i>Cryptoplanus</i> sp. in Wunderlich (2004ah) .....	Pa Baltic amber
† <b>Eomazax Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
970. <i>Eomazax pulcher</i> Petrunkevitch, 1958* .....	Pa Baltic amber
<b>Megalostrata Karsch, 1880a</b> .....	<b>Neogene – Recent</b>
971. <i>Megalostrata grandis</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Myrmecorinna Wunderlich, 2004ah</b> .....	<b>Palaeogene</b>
972. <i>Myrmecorinna gracilis</i> Wunderlich, 2004ah* .....	Pa Baltic amber
† <b>Palpiraptor Wunderlich, 2011f</b> .....	<b>Quaternary</b>
973. <i>Palpiraptor myrmarachnoides</i> Wunderlich, 2011f* .....	Qt Madagascar copal
<b>Phrurolithus C. L. Koch, 1839b</b> .....	<b>Palaeogene</b>
974. <i>Phrurolithus extinctus</i> Petrunkevitch, 1958 .....	Pa Baltic amber
975. <i>Phrurolithus fossilis</i> Petrunkevitch, 1958 .....	Pa Baltic amber
976. <i>Phrurolithus ipseni</i> Petrunkevitch, 1958 .....	Pa Baltic amber
† <b>Protoorthobula Wunderlich, 2004ah</b> .....	<b>Palaeogene</b>
977. <i>Protoorthobula bifida</i> Wunderlich, 2004ah* .....	Pa Baltic amber
978. <i>Protoorthobula deelemanni</i> Wunderlich, 2004ah .....	Pa Baltic / Bitt. amber
<b>Trachelas L. Koch, 1872</b> .....	<b>Neogene</b>
979. <i>Trachelas poinari</i> Penney, 2001 .....	Ne Dominican amber
<b>ZODARIIDAE Thorell, 1881</b> .....	<b>Palaeogene – Recent</b>
= 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
† <b>Adjutor Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
980. <i>Adjutor deformis</i> Petrunkevitch, 1958 .....	Pa Baltic amber
981. <i>Adjutor mirabilis</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Admissor Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
982. <i>Admissor aculeatus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Adorator Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>

983. *Adorator hispidus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic / Rovno amber  
     i. = *Segestria cylindrica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
     ii. = *Eresus curtipes* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
     iii. = *Eresus monachus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
     iv. = *Adorator brevipes* Petrunkevitch, 1942\* ..... Pa Baltic amber
984. *Adorator samlandicus* Petrunkevitch, 1942 ..... Pa Baltic amber
- † **Angusdarion Wunderlich, 2004ae** ..... **Palaeogene**
985. *Angusdarion humilis* Wunderlich, 2004ae\* ..... Pa Baltic amber
- † **Anniculus Petrunkevitch, 1942** ..... **Palaeogene**
986. *Anniculus balticus* Petrunkevitch, 1942\* ..... Pa Baltic amber
- † **Eocydrele Petrunkevitch, 1958** ..... **Palaeogene**
987. *Eocydrele mortua* Petrunkevitch, 1958\* ..... Pa Baltic amber
- † **Propago Petrunkevitch, 1963** ..... **Neogene**
988. *Propago debilis* Petrunkevitch, 1963\* ..... Ne Chiapas amber
- † **Spinizodarion Wunderlich, 2004ae** ..... **Palaeogene**
989. *Spinizodarion ananulum* Wunderlich, 2004ae\* ..... Pa Baltic amber
- † **Zodariodamus Wunderlich 2004ae** ..... **Palaeogene**
990. *Zodariodamus recurvatus* Wunderlich 2004ae\* ..... Pa Baltic amber

**PENESTOMIDAE Simon, 1903** ..... **Recent**

no fossil record

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

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

991. *Ephalmator bitterfeldensis* Wunderlich, 2004ad ..... Pa Bitterfeld amber
992. *Ephalmator calidus* Wunderlich, 2004ad ..... Pa Baltic amber
993. *Ephalmator debilis* Wunderlich, 2004ad ..... Pa Baltic amber
994. *Ephalmator distinctus* Wunderlich, 2004ad ..... Pa Baltic amber
995. *Ephalmator ellwangeri* Wunderlich, 2004ad ..... Pa Baltic amber
996. ?*Ephalmator eximius* Petrunkevitch, 1958 ..... Pa Baltic amber
997. *Ephalmator fossilis* Petrunkevitch, 1950\* ..... Pa Baltic amber
998. *Ephalmator kerneggeri* Wunderlich, 2004ad ..... Pa Baltic amber
999. *Ephalmator petrunkevitchi* Wunderlich, 2004ad ..... Pa Baltic amber
1000. *Ephalmator ruthildae* Wunderlich, 2004ad ..... Pa Baltic amber
1001. *Ephalmator tredecim* Wunderlich, 2012c ..... Pa Baltic amber
1002. *Ephalmator trudis* Wunderlich, 2004ad ..... Pa Baltic amber
1003. *Ephalmator turpiculus* Wunderlich, 2004ad ..... Pa Baltic amber
- Ephalmator* sp. in Wunderlich (2004ad) ..... Pa Baltic amber

**CHUMMIDAE Jocqué, 2001** ..... **Recent**

no fossil record



- HOMALONYCHIDAE Simon, 1893** ..... **Recent**  
no fossil record
- GNAPHOSOIDEA Simon, 1893** ..... **Palaeogene – Recent**
- AMMOXENIDAE Simon, 1893** ..... **Recent**  
no fossil record
- CITHAERONIDAE Simon, 1893** ..... **Recent**  
no fossil record
- GALLIENIELLIDAE Millot, 1947** ..... **Recent**  
no fossil record
- TROCHANTERIIDAE Karsch, 1879** ..... **Palaeogene – Recent**  
= PLATORIDAE Simon, 1890
- † ***Eotrochanteria* Wunderlich, 2004am** ..... **Palaeogene**  
1004. *Eotrochanteria kruegeri* Wunderlich, 2004am\* ..... Pa Baltic amber
- † ***Sosybius* C. L. Koch & Berendt, 1854** ..... **Palaeogene**  
= † *Adamator* Petrunkevitch, 1942  
= † *Adjunctor* Petrunkevitch, 1942  
= † *Adulatrix* Petrunkevitch, 1942
1005. *Sosybius berendti* Wunderlich, 2004am ..... Pa Baltic amber  
1006. *Sosybius decumana* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
1007. *Sosybius falcatus* Wunderlich, 2004am ..... Pa Baltic amber  
1008. *Sosybius fusca* (Petrunkevitch, 1942) ..... Pa Baltic amber  
1009. *Sosybius kochi* Wunderlich, 2004am ..... Pa Baltic amber  
1010. *Sosybius lateralis* Wunderlich, 2004am ..... Pa Baltic amber  
1011. *Sosybius longipes* Wunderlich, 2004am ..... Pa Baltic amber  
1012. *Sosybius major* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
1013. *Sosybius minor* C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber  
1014. *Sosybius mizgirisi* Wunderlich, 2004am ..... Pa Baltic amber  
1015. *Sosybius parva* (Petrunkevitch, 1942) ..... Pa Baltic amber  
1016. *Sosybius perniciosus* Wunderlich, 2004am ..... Pa Baltic amber  
1017. *Sosybius rufa* (Petrunkevitch, 1942) ..... Pa Baltic amber  
1018. *Sosybius similis* Petrunkevitch, 1942 ..... Pa Baltic amber  
1019. *Sosybius succineus* (Petrunkevitch, 1942) ..... Pa Baltic amber  
1020. *Sosybius tibialis* Wunderlich, 2004am ..... Pa Baltic amber  
1021. *Sosybius unispinosus* Wunderlich, 2004am ..... Pa Baltic amber  
*Sosybius* sp. *in* Wunderlich (2004am, ar) ..... Pa Baltic / Rovno amber
- † ***Thereola* Petrunkevitch, 1955** ..... **Palaeogene**  
= † *Therea* Koch & Berendt, 1854 [preoccupied]
1022. *Thereola petiolata* (C. L. Koch & Berendt, 1854)\* [♀ = ?*Dasuminia* sp.]

according to Wunderlich 2004b] .....	Pa	Baltic amber
1023. <i>Thereola pubescens</i> (Menge in C. L. Koch & Berendt, 1854) .....	Pa	Baltic amber
† <b>Trochanteridromulus Wunderlich, 2004am</b> .....	<b>Palaeogene</b>	
1024. <i>Trochanteridromulus glabripes</i> Wunderlich, 2004am* .....	Pa	Baltic amber
† <b>Trochanteridromus Wunderlich, 2004am</b> .....	<b>Palaeogene</b>	
1025. <i>Trochanteridromus scutatus</i> Wunderlich, 2004am* .....	Pa	Baltic amber
† <b>Veterator Petrunkevitch, 1963</b> .....	<b>Neogene</b>	
1026. <i>Veterator angustus</i> Wunderlich, 1988 .....	Ne	Dominican amber
1027. <i>Veterator ascutum</i> Wunderlich, 1988 .....	Ne	Dominican amber
1028. <i>Veterator extinctus</i> Petrunkevitch, 1963* .....	Ne	Chiapas amber
1029. <i>Veterator incompletus</i> Wunderlich, 1982 .....	Ne	Dominican amber
1030. <i>Veterator longipes</i> Wunderlich, 1988 .....	Ne	Dominican amber
1031. <i>Veterator loricatus</i> Wunderlich, 1988 .....	Ne	Dominican amber
1032. <i>Veterator porrectus</i> Wunderlich, 1988 .....	Ne	Dominican amber
1033. <i>Veterator viduus</i> Wunderlich, 1988 .....	Ne	Dominican amber
<i>Veterator</i> sp. 1–2 in Wunderlich (1988) .....	Ne	Dominican amber
<b>LAMPONIDAE Simon, 1893</b> .....	<b>Recent</b>	
no fossil record		
<b>PRODIDOMIDAE Simon, 1884a</b> .....	<b>Quaternary – Recent</b>	
= MILTIIDAE Thorell, 1873 [based on a generic synonym]		
<b>Prodidomus Hentz, 1847</b> .....	<b>Quaternary – Recent</b>	
1034. <i>Prodidomus madagascariensis</i> Wunderlich, 2011c .....	Qt	Madagascar copal
<b>GNAPHOSIDAE Pocock, 1898</b> .....	<b>?Cretaceous – Recent</b>	
= DRASSIDAE Sundevall, 1833 [based on a generic synonym]		
† <b>Captrix Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>	
1035. <i>Captrix lineata</i> (C. L. Koch & Berendt, 1854)* .....	Pa	Baltic amber
<b>Drassodes Westring, 1851</b> .....	<b>Palaeogene – Recent</b>	
1036. <i>Drassodes cupreus</i> (Blackwall, 1834a) <b>[Recent]</b> .....	Qt	England
1037. ? <i>Drassodes femurus</i> Lin, Zhang & Wang, 1989 .....	Ne	Shanwang
1038. ? <i>Drassodes sextii</i> Berland, 1939 .....	Pa	Aix-en-Provence
† <b>Drassylinus Wunderlich, 1988</b> .....	<b>Neogene</b>	
1039. <i>Drassylinus aliter</i> Wunderlich, 1988* .....	Ne	Dominican amber
† <b>Eognaphosops Wunderlich, 2011b</b> .....	<b>Palaeogene</b>	
1040. <i>Eognaphosops cryptoplanoides</i> Wunderlich 2011b* .....	Pa	Baltic amber
† <b>Eomactator Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>	
1041. <i>Eomactator hamatus</i> Wunderlich, 2011b .....	Pa	Baltic amber
1042. <i>Eomactator hirsutipes</i> Wunderlich, 2011b .....	Pa	Baltic amber
1043. <i>Eomactator mactatus</i> Petrunkevitch, 1958* .....	Pa	Baltic amber
1044. <i>Eomactator obscurior</i> Wunderlich, 2011b .....	Pa	Baltic amber

<b>Gnaphosa Latreille, 1804a</b> .....	<b>?Cretaceous – Recent</b>
1045. <i>Gnaphosa affinis</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Philodromus dubius</i> C. L. Koch & Berendt, 1854	
1046. <i>Gnaphosa ambigua</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1047. <i>Gnaphosa liaoningensis</i> Chang, 2004	
[generic assignment unreliable!] .....	K Jehol biota
<b>Micaria Westring, 1851</b> .....	<b>Palaeogene – Recent</b>
1048. <i>Micaria procera</i> C. L. Koch & Berendt, 1954 .....	Pa Baltic amber
1049. <i>Micaria tenella</i> Heer, 1865 .....	Ne Öhningen
† <b>Palaeodrassus Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
1050. <i>Palaeodrassus cockerelli</i> Petrunkevitch, 1922 .....	Pa Florissant
1051. <i>Palaeodrassus florissanti</i> Petrunkevitch, 1922 .....	Pa Florissant
1052. <i>Palaeodrassus hesternus</i> (Scudder, 1890a) .....	Pa Florissant
1053. <i>Palaeodrassus ingenuus</i> (Scudder, 1890a)* .....	Pa Florissant
1054. <i>Palaeodrassus interitus</i> (Scudder, 1890a) .....	Pa Florissant
<b>Scopoides Platnick, 1989</b> .....	<b>Palaeogene – Recent</b>
1055. <i>Scopoides dominicanus</i> Wunderlich, 2011g .....	Ne Dominican amber
<b>Zelotes Gistel, 1848</b> .....	<b>Palaeogene</b>
1056. <i>Zelotes concinna</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1057. <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
1058. <i>Zelotes regalis</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
† <b>Zelotetis Wunderlich, 2011b</b> .....	<b>Palaeogene</b>
1059. <i>Zelotetis calefacta</i> Wunderlich, 2011b .....	Pa Baltic amber
<b>SELENOPIDAE Simon, 1897a</b> .....	<b>Palaeogene – Recent</b>
† <b>Garcorops Corronca, 2003</b> .....	<b>Quaternary – Recent</b>
1060. <i>Garcorops jadis</i> Bosselaers, 2004 .....	Qt Madagascar copal
i. = <i>?Anyphops cortex</i> Wunderlich, 2004as .....	Qt Madagascar copal
<b>Selenops Latreille, 1819</b> .....	<b>Palaeogene – Recent</b>
1061. <i>Selenops benoiti</i> Wunderlich, 2004as .....	Qt Madagascar copal
1062. <i>Selenops beynai</i> Schawaller, 1984 .....	Ne Dominican amber
1063. <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
<b>SPARASSIDAE Bertkau, 1872</b> .....	<b>Palaeogene – Recent</b>
= HETEROPODIDAE Thorell, 1873	
= MICROMMATIDAE Bertkau, 1878a	
= EUSPARASSIDAE Järvi, 1912	
Sparassidae sp. 1–2 in (Wunderlich 2008c) .....	Pa Baltic amber

† <b>Caduceator Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1064. <i>Caduceator minutus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
1065. <i>Caduceator quadrimaculatus</i> Petrunkevitch, 1950 .....	Pa Baltic amber
† <b>Collacteus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1066. <i>Collacteus captivus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Eostaianus Petrunkevitch, 1950</b> .....	<b>Palaeogene</b>
1067. <i>Eostaianus succini</i> Petrunkevitch, 1950* .....	Pa Baltic amber
† <b>Eostasina Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1068. <i>Eostasina aculeata</i> Petrunkevitch, 1942* .....	Pa Baltic amber
<b>Eusparassus Simon 1903</b> .....	<b>Palaeogene – Recent</b>
1069. <i>Eusparassus crassipes</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>Heteropoda Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
= † <i>Retina</i> Hong, 1985	
1070. <i>Heteropoda rpbusta</i> [sic] (Hong, 1985) .....	Ne Shanwang
[NB: as ' <i>H. robusta</i> ' this would be a junior homonym of a living species.]	
<b>Pseudosparianthis Simon, 1887</b> .....	<b>Neogene – Recent</b>
1071. <i>Pseudosparianthis pfeifferi</i> (Wunderlich, 1988) .....	Ne Dominican amber
<b>Zachria L. Koch, 1875</b> .....	<b>Palaeogene – Recent</b>
[NB: An Australian genus; Wunderlich (2012c) regarded at least <i>Z. desiderabilis</i> as gen. indet.]	
1072. <i>Zachria desiderabilis</i> Petrunkevitch, 1950 .....	Pa Baltic amber
1073. <i>Zachria peculiata</i> Petrunkevitch, 1946 .....	Pa Baltic amber
1074. <i>Zachria restincta</i> Petrunkevitch, 1958 .....	Pa Baltic amber
<b>PHILODROMIDAE Thorell, 1870a</b> .....	<b>Cretaceous – Recent</b>
Philodromidae sp. <i>in</i> Wunderlich (1988) .....	Ne Dominican amber
Philodromidae sp. <i>in</i> Wunderlich (2004ae) .....	Ne Baltic amber
† <b>Cretadromus Cheng, Shen &amp; Gao, 2009</b> .....	<b>Cretaceous</b>
1075. <i>Cretadromus liaoningensis</i> Cheng, Shen & Gao, 2009 .....	K Liaoning Province
[NB: Wunderlich (2012d) suggested this could be a Theridosomatidae]	
† <b>Eoathanatus Petrunkevitch, 1950</b> .....	<b>Palaeogene – Recent</b>
1076. <i>Eoathanatus diritatis</i> Petrunkevitch, 1950* .....	Pa Baltic amber
<b>THOMISIDAE Sundevall, 1833</b> .....	<b>Palaeogene – Recent</b>
= APHANTOCHILIDAE Thorell, 1873	
= MISUMENIDAE Thorell, 1887	
= STIPHROPODIDAE Simon, 1895	
= XYSTICIDAE Dahl, 1912	
= BORBOROPACTIDAE Wunderlich, 2004ao	
Thomisidae gen. et sp. <i>in</i> Nishikawa (1974) .....	Qt Mizunami copal
Thomisidae gen. et sp. <i>in</i> Bottali (1975) .....	Qt Italy
Thomisidae gen. et sp. <i>in</i> Schawaller (1982d) .....	Ne Willershausen
Thomisidae gen. et sp. <i>in</i> Wunderlich (1988) .....	Ne Dominican amber

Thomisidae gen. et sp. 1–2 <i>in</i> Wunderlich (2004 <i>ap</i> ) .....	Pa Baltic amber
Thomisidae gen. et sp. <i>in</i> García-Villafuerte (2006 <i>b</i> ) .....	Ne Chiapas amber
<b>Coriarachne Thorell, 1870<i>b</i></b> .....	<b>Quaternary – Recent</b>
<i>Coriarachne</i> sp. <i>in</i> Cutler (1970) .....	Qt Wyoming
† <b>Ecotona Lin, Zhang &amp; Wang, 1989 [ex Araneidae]</b> .....	<b>Neogene</b>
1077. <i>Ecotona brunnea</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
1078. <i>Ecotona pilulifera</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
1079. <i>Ecotona transipeda</i> Lin, Zhang & Wang, 1989* .....	Ne Shanwang
† <b>Facundia Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1080. <i>Facundia clara</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Fiducia Petrunkevitch, 1950</b> .....	<b>Palaeogene</b>
1081. <i>Fiducia tenuipes</i> Petrunkevitch, 1950* .....	Pa Baltic amber
† <b>Filiolella Petrunkevitch, 1955<i>a</i></b> .....	<b>Palaeogene</b>
= † <i>Filiola</i> Petrunkevitch, 1942 [preoccupied]	
1082. <i>Filiolella argentata</i> (Petrunkevitch, 1942)* .....	Pa Baltic amber
† <b>Heterotmarus Wunderlich, 1988</b> .....	<b>Neogene</b>
1083. <i>Heterotmarus altus</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Komisumena Ono, 1981</b> .....	<b>Neogene</b>
1084. <i>Komisumena rosae</i> Ono, 1981* .....	Ne Dominican amber
† <b>Miothomismus Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Neogene</b>
1085. <i>Miothomismus subnudus</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
1086. <i>Miothomismus sylvaticus</i> Zhang, Sun & Zhang, 1994* .....	Ne Shanwang
<b>Misumena Latreille, 1804<i>a</i></b> .....	<b>Palaeogene – Recent</b>
1087. <i>Misumena samlandica</i> Petrunkevitch, 1942 .....	Pa Baltic amber
† <b>Palaeoxysticus Wunderlich, 1985</b> .....	<b>Neogene</b>
1088. <i>Palaeoxysticus extinctus</i> Wunderlich, 1985 .....	Ne Randecker Maar
† <b>Parvulus Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Neogene</b>
1089. <i>Parvulus latissimus</i> Zhang, Sun & Zhang, 1994* .....	Ne Shanwang
† <b>Succinaenigma Wunderlich, 2004<i>ap</i></b> .....	<b>Palaeogene</b>
1090. <i>Succinaenigma raptor</i> Wunderlich, 2004 <i>ap</i> * .....	Pa Baltic amber
† <b>Succiniraptor Wunderlich, 2004<i>ao</i></b> .....	<b>Palaeogene</b>
1091. <i>Succiniraptor radiatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Succiniraptor paradoxus</i> Wunderlich, 2004 <i>ao</i> * .....	Pa Baltic amber
<b>Synema Simon, 1864</b> .....	<b>Palaeogene – Recent</b>
1092. <i>Synema enigmaticum</i> Berland, 1939 .....	Pa Aix-en-Provence
† <b>Syphax C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
1093. <i>Syphax asper</i> Petrunkevitch, 1950 .....	Pa Baltic amber
1094. <i>Syphax crassipes</i> Petrunkevitch, 1942 .....	Pa Baltic amber
1095. <i>Syphax fuliginosus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
1096. <i>Syphax gracilis</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
1097. <i>Syphax megacephalus</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic amber

1098. <i>Syphax thoracicus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Thomisiraptor Wunderlich, 2004ap</b> .....	<b>Palaeogene</b>
1099. <i>Thomisiraptor liedtkei</i> Wunderlich, 2004ap* .....	Pa Baltic amber
<b>Thomisus Walckenaer, 1805</b> .....	<b>Palaeogene – Recent</b>
1100. <i>Thomisus defossus</i> Scudder, 1890a .....	Pa Florissant
1101. <i>Thomisus disjunctus</i> Scudder, 1890a .....	Pa Florissant
1102. <i>Thomisus lividus</i> Heer, 1865 .....	Ne Öhningen
1103. <i>Thomisus resutus</i> Scudder, 1890a .....	Pa Florissant
1104. <i>Thomisus sulzeri</i> Heer, 1865 .....	Ne Öhningen
<b>Xysticus C. L. Koch, 1835</b> .....	<b>Palaeogene – Recent</b>
1105. ? <i>Xysticus annulipes</i> Bertkau, 1878b .....	Ne Rott, Germany
1106. <i>Xysticus archaeopalpus</i> Leech & Matthews, 1971 .....	Ne Alaska
1107. <i>Xysticus oeningensis</i> (Heer, 1865) .....	Ne Öhningen
<i>Xysticus</i> sp. in Protescu (1937) .....	Pa Romanian amber
<b>SALTICIDAE Blackwall, 1841</b> .....	<b>Palaeogene – Recent</b>
= ATTIDAE Sundevall, 1833 [based on a generic synonym]	
= LYSSOMANIDAE Peckham & Wheeler, 1889	
Salticidae gen. et sp. in Schawaller (1982d) .....	Ne Willershausen
† <b>Almolinus Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
1108. <i>Almolinus bitterfeldensis</i> Wunderlich, 2004aq .....	Pa Bitterfeld amber
1109. <i>Almolinus clarus</i> Petrunkevitch, 1958* .....	Pa Baltic amber
1110. <i>Almolinus ligula</i> Wunderlich, 2004aq .....	Pa Baltic amber
? <i>Almolinus</i> sp. in Wunderlich (2004aq) .....	Pa Baltic amber
† <b>Attoides Brongniart, 1877</b> .....	<b>Palaeogene</b>
1111. <i>Attoides eresiformis</i> Brongniart, 1877 .....	Pa Aix-en-Provence
† <b>Calilinus Wunderlich, 2004aq</b> .....	<b>Palaeogene</b>
1112. <i>Calilinus fleissneri</i> Wunderlich, 2004aq* .....	Pa Baltic amber
† <b>Cenattus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1113. <i>Cenattus exophthalmicus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
<b>Corythalia C. L. Koch, 1851</b> .....	<b>Neogene – Recent</b>
1114. <i>Corythalia ocululiter</i> Wunderlich, 1988 .....	Ne Dominican amber
1115. <i>Corythalia pilosa</i> Wunderlich, 1982 .....	Ne Dominican amber
1116. <i>Corythalia scissa</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Descangeles Wunderlich, 1988</b> .....	<b>Neogene</b>
1117. <i>Descangeles pygmaeus</i> Wunderlich, 1988* .....	Ne Dominican amber
<i>Descangeles</i> sp. 1–2 in Wunderlich (1988) .....	Ne Dominican amber
<b>Descanso Peckham &amp; Peckham, 1892</b> .....	<b>Neogene – Recent</b>
<i>Descanso</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b>Distanilinus Wunderlich, 2004aq</b> .....	<b>Palaeogene</b>
1118. <i>Distanilinus filum</i> Wunderlich, 2004aq .....	Pa Baltic amber

1119. <i>Distanilinus nutus</i> Wunderlich, 2004aq*	Pa Baltic amber
1120. <i>Distanilinus paranutus</i> Wunderlich, 2004aq	Pa Baltic amber
1121. <i>Distanilinus pernutus</i> Wunderlich, 2004aq	Pa Baltic amber
† <b>Eoattopsis Gourret, 1887</b>	<b>Palaeogene</b>
1122. <i>Eoattopsis hirsutus</i> Gourret, 1887*	Pa Aix-en-Provence
† <b>Eolinus Petrunkevitch, 1942</b>	<b>Palaeogene</b>
1123. <i>Eolinus balticus</i> Žabka, 1988	Pa Baltic amber
1124. <i>Eolinus fungus</i> Wunderlich, 2004aq	Pa Baltic amber
1125. <i>Eolinus insuriens</i> Wunderlich, 2004aq	Pa Baltic amber
1126. <i>Eolinus prominens</i> Wunderlich, 2004aq	Pa Baltic amber
1127. <i>Eolinus samlandica</i> Wunderlich, 2004aq	Pa Baltic amber
1128. <i>Eolinus succineus</i> Petrunkevitch, 1942*	Pa Baltic amber
1129. <i>Eolinus theryi</i> Petrunkevitch, 1942	Pa Baltic amber
1130. <i>Eolinus theryoides</i> Wunderlich, 2004aq	Pa Baltic amber
1131. <i>Eolinus tystschenkoi</i> Proszynski & Žabka, 1980	Pa Baltic amber
1132. <i>Eolinus vates</i> Wunderlich, 2004aq	Pa Baltic amber
<i>Eolinus</i> sp. in Wunderlich (2004aq)	Pa Baltic amber
<b>Euophrys C. L. Koch, 1834</b>	<b>Palaeogene – Recent</b>
1133. <i>Euophrys gibberula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1134. <i>Euophrys randeckensis</i> Schawaller & Ono, 1979	Ne Randecker Maar
† <b>Evagoratus Zhang, Sun &amp; Zhang, 1994</b>	<b>Neogene</b>
1135. <i>Evagoratus longicruris</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
† <b>Gorgopsidis Wunderlich, 2004aq</b>	<b>Palaeogene</b>
1136. <i>Gorgopsidis bechlyi</i> Wunderlich, 2004aq*	Pa Baltic amber
† <b>Gorgopsina Petrunkevitch, 1955a</b>	<b>Palaeogene</b>
1137. <i>Gorgopsina amabilis</i> Wunderlich, 2004aq	Pa Baltic amber
1138. <i>Gorgopsina constricta</i> Wunderlich, 2004aq	Pa Baltic amber
1139. <i>Gorgopsina expandens</i> Wunderlich, 2004aq	Pa Baltic amber
1140. ' <i>Gorgopsina</i> ' <i>fasciata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1141. <i>Gorgopsina flexuosa</i> Wunderlich, 2004aq	Pa Baltic amber
1142. <i>Gorgopsina formosa</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1143. <i>Gorgopsina fractura</i> Wunderlich, 2004ar	Pa Rovno amber
1144. <i>Gorgopsina frenata</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
1145. <i>Gorgopsina inclusa</i> Wunderlich, 2004aq	Pa Baltic amber
1146. <i>Gorgopsina jucunda</i> (Petrunkevitch, 1942)	Pa Baltic amber
1147. <i>Gorgopsina marginata</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1148. <i>Gorgopsina melanocephala</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1149. <i>Gorgopsina naumanni</i> Giebel, 1856	Pa Baltic amber
1150. <i>Gorgopsina paulula</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
1151. <i>Gorgopsina rectangularis</i> Wunderlich, 2011h	Pa Baltic amber
1152. <i>Gorgopsina speciosa</i> Wunderlich, 2004aq	Pa Baltic amber

<b>Heliophanus C. L. Koch, 1833</b> .....	<b>Palaeogene – Recent</b>
1153. <i>Heliophanus extinctus</i> Berland, 1939 .....	Pa Aix-en-Provence
<b>Hyllus C. L. Koch, 1846</b> .....	<b>Quaternary – Recent</b>
= † <i>Parevophrys</i> Petrunkevitch, 1942	
1154. <i>Hyllus succini</i> (Petrunkevitch, 1942) .....	Qt Copal
Originally described as Baltic amber	
<b>Lyssomanes Hentz, 1845</b> .....	<b>Neogene – Recent</b>
1155. <i>Lyssomanes pristinus</i> Wunderlich, 1986 .....	Ne Dominican amber
i. = <i>Lyssomanes galianoae</i> Reiskind, 1989 .....	Ne Dominican amber
1156. <i>Lyssomanes pulcher</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Maevia C. L. Koch, 1846</b> .....	<b>?Neogene – Recent</b>
? <i>Maevia</i> sp. in Riquelme & Hill (2013) .....	Ne Chiapas amber
† <b>Microlinus Wunderlich, 2004aq</b> .....	<b>Palaeogene</b>
1157. <i>Microlinus calidus</i> Wunderlich, 2004aq .....	Pa Baltic amber
1158. <i>Microlinus folium</i> Wunderlich, 2004aq* .....	Pa Baltic amber
<b>Myrmarachne MacLeay, 1839</b> .....	<b>Quaternary – Recent</b>
= † <i>Entomocephalus</i> Holl, 1829 [suppressed; see ICZN Opinion 2258]	
1159. <i>Myrmarachne formicoides</i> (Holl, 1829) .....	?Qt Copal [?not amber]
<b>Neon Simon, 1876a</b> .....	<b>Quaternary – Recent</b>
1160. <i>Neon ?reticulatus</i> (Blackwall, 1853) <b>[Recent]</b> .....	Qt England
† <b>Paralinus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1161. <i>Paralinus crosbyi</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Pensacolatus Wunderlich, 1988</b> .....	<b>Neogene</b>
1162. <i>Pensacolatus coxalis</i> Wunderlich, 1988* .....	Ne Dominican amber
1163. <i>Pensacolatus spinipes</i> Wunderlich, 1988 .....	Ne Dominican amber
1164. ? <i>Pensacolatus tibialis</i> Wunderlich, 2004aq .....	Ne Dominican amber
<i>Pensacolatus</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>Phidippus C. L. Koch, 1846</b> .....	<b>Palaeogene</b>
1165. <i>Phidippus impressus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
1166. <i>Phidippus pusillus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Phlegrata Wunderlich, 1988</b> .....	<b>Neogene</b>
1167. <i>Phlegrata pala</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Prolinus Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
1168. <i>Prolinus fossilis</i> Petrunkevitch, 1958* .....	Pa Baltic amber
<b>Sarinda Peckham &amp; Peckham, 1892</b> .....	<b>Neogene – Recent</b>
? <i>Sarinda</i> sp. in Wunderlich (2004aq) .....	Ne Dominican amber
† <b>Steneattus Bronn, 1856</b> .....	<b>Palaeogene</b>
= † <i>Leda</i> C. L. Koch & Berendt, 1854 [preoccupied]	
1169. <i>Steneattus promissa</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
<b>Thiodina Simon, 1900</b> .....	<b>Neogene</b>
1170. <i>Thiodina beugelorum</i> Wolff, 1990 .....	Ne Dominican amber



**Araneomorphae incertae sedis**

- † **Elvina Thorell, 1870b** ..... **Neogene**  
 1171. *Elvina antiqua* (von Heyden, 1859) ..... Ne Linz am Rhein

**Araneae incerate sedis**

- Araneae gen. et sp. nov. in Ansorge (2003) ..... J Grimmen, Germany
- † **Amphiclotho Gourret, 1887** ..... **Palaeogene**  
 1172. *Amphiclotho breviscula* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Amphithomismus Gourret, 1887** ..... **Palaeogene**  
 1173. *Amphithomismus barbatus* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Atocatle Feldmann, Vega, Applegate & Bishop, 1998** [really a spider?] ..... **Cretaceous**  
 1174. *Atocatle ranulfoi* Feldmann, Vega, Applegate & Bishop, 1998\* ..... K Puebla, México
- † **Cercidiella Gourret, 1887** ..... **Palaeogene**  
 1175. *Cercidiella aquisextana* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Clubionella Gourret, 1887** ..... **Palaeogene**  
 1176. *Clubionella antiqua* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Eresoides Gourret, 1887** ..... **Palaeogene**  
 1177. *Eresoides orbicularis* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Hersilioides Gourret, 1887** ..... **Palaeogene**  
 1178. *Hersilioides thanatiformis* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Opisthophylax Menge, 1856** ..... **Palaeogene**  
 1179. *Opisthophylax exarata* Menge, 1856\* ..... Pa Baltic amber
- † **Prodysdera Gourret, 1887** ..... **Palaeogene**  
 1180. *Prodysdera intermedia* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Protochersis Gourret, 1887** ..... **Palaeogene**  
 1181. *Protochersis spinosus* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Protolachesis Gourret, 1887** ..... **Palaeogene**  
 1182. *Protolachesis annulata* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Paralycosa Dunlop & Jekel, 2009** ..... **Palaeogene**  
 = † *Protolycosa* Gourret, 1887 [preoccupied]  
 1183. *Paralycosa attiformis* (Gourret, 1887)\* ..... Pa Aix-en-Provence
- † **Pseudothomismus Gourret, 1887** ..... **Palaeogene**  
 1184. *Pseudothomismus articulatus* Gourret, 1887\* ..... Pa Aix-en-Provence
- † **Schellenbergia Heer, 1865** ..... **Neogene**  
 1185. *Schellenbergia rotundata* Heer, 1865\* ..... Ne Öhningen
- † **Timeropus Thorell, 1891** ..... **Palaeogene**  
 = † *Lycosoides* Gourret, 1887 [preoccupied]  
 1186. *Timeropus hersiliformis* (Gourret, 1887)\* ..... Pa Aix-en-Provence

**NOMINA DUBIA**

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

1. *Amaurobius faustus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
2. *Amaurobius rimosus* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Auximus Simon, 1892** [now *Lathys* Simon, 1884: Dictynidae; no currently valid fossil species]
3. *Auximus fossilis* Petrunkevitch, 1950 ..... Pa Baltic amber
4. *Auximus succini* Petrunkevitch, 1942 ..... Pa Baltic amber
- † **Clythia C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**
5. *Clythia alma* C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † **Corynitoides Dunlop & Jekel, 2009 (*nomen dubium*)** ..... **Palaeogene**  
 = † *Corynitis* Menge in C. L. Koch & Berendt, 1854 [preoccupied]
6. *Corynitoides spinosa* (Menge in C. L. Koch & Berendt, 1854)\* ..... Pa Baltic amber
7. *Corynitoides undulata* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
- † **Eocryphoea Petrunkevitch, 1958** [also contains valid fossil species]
8. *Eocryphoea distincta* Petrunkevitch, 1950 ..... Pa Baltic amber
9. *Eocryphoea fossilis* (Petrunkevitch, 1942) ..... Pa Baltic amber
- † **Eometa Petrunkevitch, 1958** [also contains valid fossil species]
10. *Eometa aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber
11. *Eometa robusta* Petrunkevitch, 1958 ..... Pa Baltic amber
- Ero C. L. Koch 1836** [also contains valid fossil species]
12. *Ero setulosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Fictotama Petrunkevitch, 1963 (*nomen dubium*)** ..... **Palaeogene**
13. *Fictotama extincta* Petrunkevitch, 1963\* ..... Ne Chiapas amber
- † **Memoratrix Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**  
 NB: Regarded by Wunderlich (2004p) as a possible pimoid or linyphiid
14. *Memoratrix rydei* Petrunkevitch, 1942 ..... Pa Baltic amber
- † **Mimetarchaea Eskov, 1992** ..... **Palaeogene**
15. *Mimetarchaea gintaras* Eskov, 1992\* ..... Pa Baltic amber  
 NB: Name based on a subadult male
- † **Miropholcus Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**  
 = † *Micropholcus* Petrunkevitch, 1942 [*lapsus*]
16. *Miropholcus heteropus* Petrunkevitch, 1942\* ..... Pa Baltic amber
- † **Perturbator Petrunkevitch, 1971 (*nomen dubium*)** ..... **Neogene**
17. *Perturbator corniger* Petrunkevitch, 1971\* ..... Ne Chiapas amber
- † **Phalangopus Menge in C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**
18. *Phalangopus subtilis* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † **Praeoarces Wunderlich, 2004q** ..... **Palaeogene**
19. *Praeoarces exitus* Wunderlich, 2004q\* ..... Pa Baltic amber
- Segestria Latreille, 1804** [also contains valid fossil species]
20. *Segestria elongata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Segestria nana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

- Amaurobius C. L. Koch, 1837** [no currently valid fossil species]
1. *Amaurobius spinimanus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Anatone Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
2. *Anatone hirsuta* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  3. *Anatone marginata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  4. *Anatone spinipes* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Aranea Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
5. *Aranea fossilis* Keferstein, 1834 ..... Pa Aix-en-Provence
- Archaea C. L. Koch & Berendt, 1854** [also contains valid fossil species]
6. *Archaea incomta* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  7. *Archaea sphinx* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Athera Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
8. *Athera exilis* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Attus Walckenaer, 1805** [now *Salticus* Latreille, 1804; no currently valid fossil species]
9. *Attus fossilis* Walckenaer, 1837 ..... Pa Baltic amber
- Clubiona Latreille, 1804** [also contains valid fossil species]
10. *Clubiona eseri* Heer, 1865 ..... Ne Öhningen
  11. *Clubiona latifrons* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  12. *Clubiona parvula* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  13. *Clubiona pilosa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Clythia C. L. Koch & Berendt, 1854** [also contains a *nomen dubium* fossil species]
14. *Clythia funestra* Koch & Berendt, 1854 ..... Pa Baltic amber
  15. *Clythia gracilentata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  16. *Clythia leptocarena* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Dielacata Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
17. *Dielacata superba* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Drassus Walckenaer, 1805** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
18. *Drassus oblongus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Dysdera Latreille, 1804** [also contains valid fossil species]
19. *Dysdera hippopodium* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  20. *Dysdera glabrata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  21. *Dysdera scobiculata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
  22. *Dysdera tenera* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Eolinus Petrunkevitch, 1942** [also contains valid fossil species]
23. *Eolinus bitterfeldensis* Wunderlich, 2004aq ..... Pa Baltic amber
  24. *Eolinus tystschenkoides* Wunderlich, 2004aq ..... Pa Baltic amber
- Epeira Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
25. *Epeira eocaenica* Giebel, 1856 ..... Pa Baltic amber
  26. *Epeira eocena* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Epeiridion Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
27. *Epeiridion femoratum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Erithus Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**

28. *Erithus applanatus* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Ero C. L. Koch & Berendt, 1836** [also contains valid fossil species]
29. *Ero coronata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Ero exculpta* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
31. *Ero sphaerica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
32. *Ero quadripunctata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Eyukselus Özdikmen, 2007 (*nomen nudum*)** ..... **Palaeogene**  
     = † *Propetes* Menge, 1854 [preoccupied]
33. *Eyukselus argutus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
34. *Eyukselus felinus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
35. *Eyukselus griseus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
36. *Eyukselus latifrons* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
37. *Eyukselus pumilus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
- Gea C. L. Koch, 1843** [also contains valid fossil species]
38. *Gea pubescens* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Heteromma Menge, 1856 (*nomen nudum*)** ..... **Palaeogene**
39. *Heteromma intersecta* Menge, 1856\* ..... Pa Baltic amber
- † **Idmonia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
40. *Idmonia virginea* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Melanophora C. L. Koch, 1833** [now *Zelotes* Gistel, 1848; which also contains valid fossil species]
41. *Melanophora lepida* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
42. *Melanophora nitida* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Micaria Westring, 1851** [also contains valid fossil species]
43. *Micaria ovata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
44. *Micaria squamata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
45. *Micaria tenuis* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Micryphantes C. L. Koch, 1833** [also contains valid fossil species]
46. *Micryphantes globulus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
47. *Micryphantes turritus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Mizalia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
48. *Mizalia truncata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Ocia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
49. *Ocia hirsuta* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Ocypete C. L. Koch, 1836** [now *Heteropoda* Latreille, 1804; which also contains valid fossil species]
50. *Ocypete angustifrons* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
51. *Ocypete marginata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Onca Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
52. *Onca lepida* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
53. *Onca pumila* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Philodromus Walckenaer, 1826** [also contains valid fossil species]
54. *Philodromus griseus* Menge, 1856 ..... Pa Baltic amber
55. *Philodromus marginatus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

56. *Philodromus reptans* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
57. *Philodromus redogradus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
58. *Philodromus spinipes* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Pythonissa C. L. Koch, 1837** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
59. *Pythonissa bipunctata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
60. *Pythonissa discophora* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
61. *Pythonissa glabra* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
62. *Pythonissa villosa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Segestria Latreille, 1804** [also contains valid fossil species]
63. *Segestria exarata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
64. *Segestria sulcata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
65. *Segestria undulata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Siga Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
66. *Siga crinita* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † **Spheconia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
67. *Spheconia brevipes* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † **Syphax C. L. Koch & Berendt, 1854** [also contains valid fossil species]
68. *Syphax hirtus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Theridium Walckenaer, 1805** [now *Theridion* Walckenaer, 1805; which also contains valid fossil species]
69. *Theridium bifurcum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
70. *Theridium chorius* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
71. *Theridium clavigerum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
72. *Theridium crassipes* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
73. *Theridium setulosum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Thomisus Walckenaer, 1805** [also contains valid fossil species]
74. *Thomisus matutinus* Menge, 1856 ..... Pa Baltic amber
- † **Thyelia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
75. *Thyelia mengei* Giebel, 1856 ..... Pa Baltic amber
76. *Thyelia pectinata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
77. *Thyelia spinosa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Zilla C. L. Koch & Berendt, 1834** [also contains valid fossil species]
78. *Zilla cornumana* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
79. *Zilla spinipalpa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

#### MISIDENTIFICATIONS

- Aranea Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] ..... Qt Copal
- † **Araneaovoius Dunlop & Braddy, 2011 [ichnogenus]** ..... **Palaeogene**
2. *Araneaovoius columbiae* (Scudder 1878)\* [fossil egg sac] ..... Pa Canada / USA
- † **Archaeometa Pocock, 1911** ..... **?Devonian – Carb.**
3. ?*Archaeometa devonica* Størmer, 1976 [unidentifiable] ..... D Alken an der Mosel

4. *Archaeometa nephilina* Pocock, 1911\* [not identified] ..... C Coseley
- † **Arachnometa Petrunkevitch, 1949** ..... **Carboniferous**
5. *Arachnometa tuberculata* Petrunkevitch, 1949\* [not identified] ..... C Coseley
- † **Eopholcus Frič, 1904** ..... **Carboniferous**
6. *Eopholcus pedatus* Frič, 1904\* [not identified] ..... C Nýřany
- † **Oichnus Bromley 1981 [ichnogenus]**..... ??
7. *Oichnus bavincourti* (Vaillant, 1909) [at one stage placed in *Cteniza*] ..... Pa Northern France
- † **Palpipes Roth, 1854** ..... **Jurassic**
8. *Palpipes cursor* Roth, 1854 [crustacean] ..... J Solnhofen
- † **Palaeocteniza Hirst, 1923** ..... **Devonian**
9. *Palaeocteniza crassipes* Hirst, 1923\* [juvenile trigonotarbid?] ..... D Rhyie chert
- † **Pleurolycosa Frič, 1904** ..... **Carboniferous**
10. *Pleurolycosa prolifera* (Frič, 1901)\* [unidentifiable] ..... C Nýřany

42,751 Recent species according to Platnick (2012)

## HAPTOPODA

1 currently valid species of fossil haptopodid

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

no Recent species

## AMBLYPYGI

9 currently valid species of fossil whip spider

<b>AMBLYPYGI Thorell, 1882</b> .....	<b>Carbon. – Recent</b>
= PHRYNÉIDES Walckenaer, 1837	
= PHRYNICHIDA Petrunkevitch, 1945a	
<b>PALAEOAMBLYPYGI Weygoldt, 1996 (suborder)</b> .....	<b>Carbon. – Recent</b>
family uncertain	
† <b>Sorellophrynus Harvey, 2002</b> .....	<b>Carboniferous</b>
= † <i>Protophrynus</i> Petrunkevitch, 1913 (preoccupied)	
1. <i>Sorellophrynus carbonarius</i> (Petrunkevitch, 1913)* .....	C Mazon Creek
† <b>Thelyphrynus Petrunkevitch, 1913</b> .....	<b>Carboniferous</b>
2. <i>Thelyphrynus elongatus</i> Petrunkevitch, 1913 .....	C Mazon Creek
<b>PARACHARONTIDAE Weygoldt, 1996</b> .....	<b>Carbon. – Recent</b>
† <b>Graeophonus Scudder, 1890b</b> .....	<b>Carboniferous</b>
3. <i>Graeophonus anglicus</i> Pocock, 1911 .....	C Coseley
4. <i>Graeophonus carbonarius</i> (Scudder, 1876)* .....	C Cape Breton
5. <i>Graeophonus scudderi</i> Pocock, 1911 .....	C Mazon Creek
<b>EUAMBLYPYGI Weygoldt, 1996 (suborder)</b> .....	<b>Cretaceous – Recent</b>
<b>CHARINIDAE Quintero, 1986</b> .....	<b>Recent</b>
no fossil record	
<b>NEOAMBLYPYGI Weygoldt, 1996 (infraorder)</b> .....	<b>Cretaceous – Recent</b>
<b>CHARONTIDAE Simon, 1892a</b> .....	<b>Recent</b>
no fossil record	
<b>PHRYNOIDEA Blanchard, 1852</b> .....	<b>Cretaceous – Recent</b>
<b>PHRYNICHIDAE Simon, 1892a</b> .....	<b>Recent</b>
no fossil record	
<b>PHRYNIDAE Blanchard, 1852</b> .....	<b>Cretaceous – Recent</b>
= † ELECTROPHRYNIDAE Petrunkevitch, 1971	
† <b>Britopygus Dunlop &amp; Martill, 2002</b> .....	<b>Cretaceous</b>
6. <i>Britopygus weygoldti</i> Dunlop & Martill, 2002 .....	K Crato Formation
† <b>Electrophrynus Petrunkevitch, 1971</b> .....	<b>Neogene</b>
7. <i>Electrophrynus mirus</i> Petrunkevitch, 1971 .....	Ne Chiapas amber
<b>Phrynus Lamarck, 1801</b> .....	<b>Neogene – Recent</b>



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

<b>UROPYGI Thorell, 1882</b> .....	<b>Carbon. - Recent</b>
= THELYPHONIDA Latreille, 1804b	
= UROTRICHA C. L. Koch, 1851	
= OXOPOEI Thorell, 1888	
= HOLOPELTIDIA Börner, 1902	
<b>plesion genera</b>	
† <b>Geralinura Scudder, 1884</b> .....	<b>Carboniferous</b>
1. <i>Geralinura britannica</i> Pocock, 1911 .....	C Coseley
2. <i>Geralinura carbonaria</i> Scudder, 1884* .....	C Mazon Creek
i. = <i>Geralinura gigantea</i> Petrunkevitch, 1913 .....	C Mazon Creek
ii. = <i>Geralinura similis</i> Petrunkevitch, 1913 .....	C Mazon Creek
† <b>Parageralinura Tetlie &amp; Dunlop, 2008</b> .....	<b>Carboniferous</b>
3. <i>Parageralinura naufraga</i> (Brauckmann & Koch, 1983) .....	C Hagen-Vorhalle
4. <i>Parageralinura neerlandicus</i> Laurentiaux-Viera & Laurentiaux, 1961.....	C Limburg
† <b>Proschizomus Dunlop &amp; Horrocks, 1996</b> .....	<b>Carboniferous</b>
5. <i>Proschizomus petrunkevitchi</i> Dunlop & Horrocks, 1996 .....	C Coseley
† <b>Prothelyphonus Frič, 1904</b> .....	<b>Carboniferous</b>
6. <i>Prothelyphonus bohemicus</i> (Kušta, 1884 <i>b</i> ) .....	C Rakovník
i. = <i>Prothelyphonus cordai</i> Frič, 1904 .....	C Rakovník
ii. = <i>Geralinura crassa</i> Kušta, 1888 .....	C Rakovník
iii. = <i>Geralinura noctua</i> Kušta, 1888 .....	C Rakovník
iv. = <i>Geralinura scudderi</i> Kušta, 1888 .....	C Rakovník
<b>THELYPHONIDAE Lucas 1835</b> .....	<b>Cretaceous – Recent</b>
† <b>Mesoproctus Dunlop, 1988</b> .....	<b>Cretaceous</b>
7. <i>Mesoproctus rowlandi</i> Dunlop, 1998 .....	K Crato Formation
<i>Mesoproctus</i> sp. in Dunlop & Martill (2002) .....	K Crato Formation

### MISIDENTIFICATIONS

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

## SCHIZOMIDA

6 currently valid species of fossil schizomid from 6 published names

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

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

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

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