

## A summary list of fossil spiders and their relatives

compiled by

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Suggested citation:

Dunlop, J. A., Penney, D. & Jekel, D. 2011. A summary list of fossil spiders and their relatives. *In* Platnick, N. I. (ed.) The world spider catalog, version 12.0 American Museum of Natural History, online at <http://research.amnh.org/entomology/spiders/catalog/index.html>

Last updated: 20.06.2011

### INTRODUCTION

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

To integrate our data as smoothly as possible with standards used for living spiders, our list for Araneae follows the names and sequence of families adopted in the Platnick Catalog. For this reason some of the family groups proposed in Wunderlich's (2004, 2008, 2011) 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

The most important publication in the last six months is the new Wunderlich book which introduced nearly 40 new fossil (amber) spider species. Other important discoveries include a species of *Nephila* from the Jurassic – the oldest spider assignable to a modern genus. An amber mite has been redescribed as the oldest example of the Astigmata group, and a number of additions (including a revalidation) for the copal pseudoscorpions has been published. Within the extinct Trigonotarbida there has been a major revision of the family Anthracomartidae.

#### ACKNOWLEDGMENTS

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

## EXPLANATIONS

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

*Stratigraphical abbreviations:*

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

D = Devonian, C = Carboniferous, P = Permian

Tr = Triassic, J = Jurassic, K = Cretaceous

Pa = Palaeogene, Ne = Neogene, Qt = Quaternary

## PYCNOGONIDA

9 currently valid species of fossil sea spider

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

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

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

### PANTOPODA Gerstaecker, 1863 ..... Devonian – Recent

= PEGMATA Fry, 1978

family uncertain

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

### AUSTRODECIDAE Stock, 1954 ..... Recent

no fossil record

### PYCNOGONIDAE Wilson, 1878 ..... Recent

no fossil record

### COLOSSENDEIDAE Hoek, 1881 ..... ?Jurassic – Recent

= PASITHOIDAE Sars, 1891

= RHOPALORHYNCHIDAE Fry, 1978

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

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

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

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

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

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

**CALLIPALLENIDAE Hilton, 1942** ..... **Recent**

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

no fossil record

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

no fossil record

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

no fossil record

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

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

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

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

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

no fossil record

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

no fossil record

MISIDENTIFICATIONS

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

c. 1300 Recent species

## EUCHELICERATA

5 currently valid, but unplaced euchelicerate fossil species

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

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

### EUCHELICERATA INCERTAE SEDIS

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

# XIPHOSURA

98 currently valid species of fossil horseshoe crab

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



familial affinity uncertain

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

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

- iii. = *Euproops graigolae* Dix & Pringle, 1929 ..... C South Wales  
 iv. = *Euroops gventi* Dix & Pringle, 1929 ..... C South Wales  
 v. = *Euproops islwyni* Dix & Pringle, 1929 ..... C South Wales  
 vi. = *Euproops kilmersdonensis* Ambrose & Romano, 1972 ..... C Kilmersdon, UK  
 vii. = *Euproops laevicula* Raymond, 1944 ..... C Coal Measures  
 viii. = *Euproops laticephalus* Raymond, 1944 ..... C Coal Measures  
 ix. = *Euproops packardi* Willard & Jones, 1935 ..... C Coal Measures  
 x. = *Prestwichia (Euproops) scheeleana* Ebert, 1892 ..... C Coal Measures  
 xi. = *Euproops thompsoni* Raymond, 1944 ..... C Coal Measures
56. *Euproops longispina* Packard, 1885 ..... C Mazon Creek  
 57. *Euproops mariae* Crônier & Courville, 2005 ..... C Massif Central  
 58. *Euproops meeki* Dix & Pringle, 1929 ..... C South Wales  
 59. *Euproops nitida* Dix & Pringle, 1929 ..... C South Wales  
 60. *Euproops orientalis* Kobayashi, 1933 ..... ?P Korea  
 61. *Euproops rotundatus* Prestwich, 1840 ..... C Coal Measures  
     *Euproops* sp. in Brauckmann (1982) ..... C Piesberg, Germany
- † ***Liomesaspis* Raymond, 1944** ..... **Carbon. – Permian**  
     = † *Pringlia* Raymond, 1944  
     = † *Palatinaspis* Malz & Poschmann, 1993
62. ?*Liomesaspis birtwelli* (Woodward, 1872a) ..... C Coal Measures  
 63. *Liomesaspis laevis* Raymond, 1944\* ..... C Coal Measures  
     i. = *Palatinaspis beimbaueri* Malz & Poschmann, 1993 ..... C Saar-Nahe Basin  
     ii. = *Pringlia bispinosa* Raymond, 1944 ..... C Coal Measures  
     iii. = *Pringlia demaisterei* Vandenberghe, 1961 ..... C Coal Measures  
     iv. = *Pringlia fritschi* Remy & Remy, 1959 ..... C Coal Measures
64. *Liomesaspis leonardensis* (Tasch, 1961) ..... P Annelly, Kansas
- † ***Prolimulus* Frič, 1899** ..... **Carboniferous**  
 65. *Prolimulus woodwardi* Frič, 1899\* ..... C Nýřany
- UNNAMED TAXON
- † ***Bellinuroopsis* Chernyshev, 1933** ..... **Carboniferous**  
     = † *Neobelinuroopsis* Eller, 1938a
66. *Bellinuroopsis rossicus* Chernyshev, 1933\* ..... C Coal Measures
- † **ROLFEIIDAE Selden & Siveter, 1987** ..... **Carboniferous**
- † ***Rolfeia* Waterston, 1985** ..... **Carboniferous**  
 67. *Rolfeia fouldenensis* Waterston, 1985\* ..... C Fouldon, Scotland
- LIMULINA Richter & Richter, 1929** ..... **Carbon. – Recent**
- † **PALEOLIMULOIDEA Raymond, 1944** ..... **Carbon. – Jurassic**
- † **PALEOLIMULIDAE Raymond, 1944** ..... **Carbon. – Jurassic**  
     = † **DUBBOLIMULIDAE Pickett, 1984**

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

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

#### INCERTAE SEDIS

##### † **Belinuropsis Matthew 1910**

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

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

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

#### MISIDENTIFICATIONS

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

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

4 Recent species

## CHASMATASPIDIDA

8 currently valid species of fossil chasmataspid

- there are some doubts about the monophy of Chasmataspidida

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

no Recent species

# EURYPTERIDA

246 currently valid species of fossil sea scorpion

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

† <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>Brachyopterella Kjellesvig-Waering, 1966a</b> .....	<b>Silurian</b>
3. <i>Brachyopterella pentagonalis</i> (Størmer, 1934b)* .....	S Ringerike, Norway
4. <i>Brachyopterella 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>Leiopterella tetlei Lamsdell, Braddy, Loeffler &amp; Dineley, 2010</b> .....	<b>Devonian</b>
8. <i>Leiopterella tetlei</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>Ordovician–Devonian</b>
† <b>PARASTYLONURIDAE Waterston, 1979</b> .....	<b>Ordovician – Silurian</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. = *?Eriopterus brewsteri* Woodward, 1864 ..... D Mid. Valley Scotland
- ii. = *Stylonurus armatus* Page, 1867 ..... D Mid. Valley Scotland
- † **HIBBERTOPTEROIDEA** Kjellesvig-Waering, 1959 ..... **Devonian – Permian**
- † **DREPANOPTERIDAE** Kjellesvig-Waering, 1966a ..... **Silurian – Devonian**
- † *Drepanopterus* Laurie, 1892 ..... **Silurian – Devonian**
33. *Drepanopterus abonensis* Simpson, 1951 ..... D Portishead, England
34. *Drepanopterus pentlandicus* Laurie, 1892\* ..... S Pentland Hills, Scotl.
- † **HIBBERTOPTERIDAE** Kjellesvig-Waering, 1959 ..... **Devonian – Permian**
- = † **CYRTOCTENIDAE** Waterston, Oelofsen & Oosthuizen, 1985
- † *Campylocephalus* Eichwald, 1860 ..... **Carboniferous – Perm.**
35. *Campylocephalus oculatus* (Kutorga, 1838)\* ..... P Dourasovo, Russia
36. *?Campylocephalus salmi* Stur, 1877 ..... C Ostrava, Czech Rep.
- † *Cyrtoctenus* Størmer & Waterston, 1968 ..... **Devonian – Carbon.**
37. *Cyrtoctenus caledonicus* (Salter, 1863) ..... C East Lothian, Scotl.
38. *Cyrtoctenus dewalquei* (Fraipont, 1889) ..... D Pont-de-Bonne, Belg.
- i. = *Eurypterus dewalquei* var. *longimanus* Fraipont,  
1889 ..... D Pont-de-Bonne, Belg.
39. *Cyrtoctenus dicki* (Peach, 1883) ..... C Thurso, Scotland
40. *Cyrtoctenus ostraviensis* (Augusta & Přibyl, 1951) ..... C Ostrava, Czech Rep.
41. *Cyrtoctenus peachi* Størmer & Waterston, 1968\* ..... C Berwickshire, Scotl.
42. *Cyrtoctenus wittebergensis* Waterston, Oelofsen & Oosthuizen, 1985 ... C Cape Province
- † *Dunsopterus* Waterston, 1968 ..... **Carboniferous**
43. *Dunsopterus stevensoni* (Etheridge Jr, 1877)\* ..... C Berwickshire, Scotl.
- † *Hastimima* White, 1908 ..... **Permian**
44. *Hastimima whitei* White, 1908\* ..... P Brazil
- † *Hibbertopterus* Kjellesvig-Waering, 1959 ..... **Carboniferous – Perm.**
45. *?Hibbertopterus hibernicus* (Baily, 1872) ..... C Kiltorcan, Ireland
46. *Hibbertopterus permianus* Ponomarenko, 1985 ..... P Komi, Russia
47. *Hibbertopterus scouleri* (Hibbert, 1836)\* ..... C West Lothian, Scotl.
- † *Vernonopterus* Waterston, 1957 ..... **Carboniferous**
48. *Vernonopterus minutisculptus* (Peach, 1907)\* ..... C Lanarkshire, Scotland
- † **MYCTEROPTIDAE** Cope, 1886 ..... **Carboniferous – Perm.**
- = † **WOODWARDOPTERIDAE** Kjellesvig-Waering, 1959
- † *Megarachne* Hünicken, 1980 ..... **Carboniferous – Perm.**
49. *Megarachne servinei* Hünicken, 1980\* ..... C–P Santa Rosa, Argen.
- † *Mycterops* Cope, 1886 ..... **Carboniferous**
50. *?Mycterops blairi* Waterston, 1968 ..... C Loanhead, Scotland

51. *Mycterops matthieui* Pruvost, 1924 ..... C Charleroi, Belgium  
 52. *Mycterops ordinatus* Cope, 1886\* ..... C Channelton, PA  
 53. ?*Mycterops whitei* Schram, 1984 ..... C Crescent, Iowa  
 † **Woodwardopterus** Kjellesvig-Waering, 1959 ..... **Carboniferous**  
 54. *Woodwardopterus scabrosus* (Woodward, 1887)\* ..... C Glencartholm, Scottl.
- STYLONURINA incertae sedis**
- † **Stylonuroides** Kjellesvig-Waering, 1966a ..... **Silurian**  
 55. *Stylonuroides dolichopteroides* (Størmer, 1934b)\* ..... S Ringerike, Norway
- † **EURYPTERINA** Burmeister, 1843 ..... **Ordovician – Permian**
- plesion taxa**
- † **Onychopterella** Størmer, 1951 ..... **Ordovician-Silurian**  
 56. *Onychopterella augusti* Braddy, Aldridge & Theron, 1995 ..... O Soom Shale, S. Afr.  
 57. *Onychopterella kokomoensis* (Miller & Gurley, 1896)\* ..... S Kokomo, Indiana  
     i. = *Eurypterus ranilarva* Clarke & Ruedemann, 1912..... S Kokomo, Indiana  
 58. ?*Onychopterella pumilus* (Savage, 1916) ..... S Essex, Illinois
- plesion taxa currently assigned to *Drepanopterus***
59. ?*Drepanopterus conicus* Laurie, 1892 ..... S Pentland Hills  
 60. ?*Drepanopterus latus* (Størmer, 1934b) ..... S Ringerike, Norway  
 61. ?*Drepanopterus lobatus* Laurie, 1899 ..... S Pentland Hills  
 62. ?*Drepanopterus nodosus* Kjellesvig-Waering & Leutze, 1966 ..... S Bass, West Virginia
- † **MOSELOPTEROIDEA** Lamsdell, Braddy & Tetlie, 2010 ..... **Devonian**
- † **MOSELOPTERIDAE** Lamsdell, Braddy & Tetlie, 2010 ..... **Devonian**
- “*Drepanopterus*”**
63. ?*Drepanopterus bembycoides* Laurie, 1899..... S Pentland Hills
- † **Moselopterus** Størmer, 1974 ..... **Devonian**  
 64. *Moselopterus ancyloelton* Størmer, 1974\* ..... D Alken an der Mosel  
 65. *Moselopterus elongatus* Størmer, 1974 ..... D Alken an der Mosel  
 66. *Moselopterus lancmani* (Delle, 1937) ..... D Plavinas, Latvia
- † **Vinetopterus** Poschmann & Tetlie, 2004 ..... **Devonian**  
 67. *Vinetopterus martini* Poschmann & Tetlie, 2004 ..... D Westerwald, Germ.  
 68. *Vinetopterus struvei* (Størmer, 1974)\* ..... D Alken an der Mosel
- † **MEGALOGRAPTOIDEA** Caster & Kjellesvig-Waering, 1955 ..... **Ordovician**
- † **MEGALOGRAPTIDAE** Caster & Kjellesvig-Waering, 1955 ..... **Ordovician**
- † **Echinognathus** Walcott, 1882 ..... **Ordovician**  
 69. *Echinognathus clevelandi* Walcott, 1882\* ..... O New York
- † **Megalograptus** Miller, 1874 ..... **Ordovician**  
 70. *Megalograptus alveolatus* (Shuler, 1915) ..... O Virginia

71. *Megalograptus ohioensis* Caster & Kjellesvig-Waering, 1955 ..... O Ohio
72. *Megalograptus shideleri* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
73. *Megalograptus welchi* Miller, 1874\* ..... O Ohio
74. *Megalograptus williamsae* Caster & Kjellesvig-Waering, 1964 ..... O Ohio
- † **EURYPTEROIDEA Burmeister, 1843** ..... **Silurian – Devonian**
- † **DOLICHOPTERIDAE Kjellesvig-Waering & Størmer, 1952** ..... **Silurian – Devonian**
- † ***Dolichopterus* Hall, 1859** ..... **Silurian**
75. *Dolichopterus gotlandicus* Kjellesvig-Waering, 1979 ..... S Gotland, Sweden
76. *Dolichopterus jewetti* Caster & Kjellesvig-Waering, 1956 ..... S New York
77. *Dolichopterus macrocheirus* Hall, 1859\* ..... S New York / Canada
78. *Dolichopterus siluriceps* Clarke & Ruedemann, 1912 ..... S New York / Canada
79. ?*Dolichopterus stoermeri* Caster & Kjellesvig-Waering, 1956 ..... S Saaremaa, Estonia
- † ***Ruedemannipterus* Kjellesvig-Waering, 1966** ..... **Silurian**
80. *Ruedemannipterus stylonuroides* (Clarke & Ruedemann, 1912)\* ..... S Otisville, New York
- † ***Buffalopterus* Kjellesvig-Waering & Heubusch, 1962** ..... **Silurian**
81. *Buffalopterus pustulosus* (Hall, 1859)\* ..... S New York / Ontario
- i. = *Eurypterus giganteus* Pohlman, 1882 ..... S New York / Ontario
- ii. = *Pterygotus globicaudatus* Pohlman, 1882 ..... S New York / Ontario
- † ***Strobilopterus* Ruedemann, 1935** ..... **Devonian**
82. *Strobilopterus princetonii* (Ruedemann, 1934)\* ..... D Wyoming, USA
- † ***Syntomopterus* Kjellesvig-Waering, 1961a** ..... **Devonian**
83. *Syntomopterus richardsoni* Kjellesvig-Waering, 1961a\* ..... D Ohio
- † **EURYPTERIDAE Burmeister, 1843** ..... **Silurian**
- † ***Eurypterus* de Kay, 1825** ..... **Silurian**
- = † *Baltoeurypterus* Størmer, 1973
84. ?*Eurypterus cephalaspis* Salter, 1856 ..... S Herefordshire, Engl.
85. *Eurypterus dekeyi* Hall, 1859 ..... S New York / Ontario
86. *Eurypterus flintstonensis* Swartz, 1923 ..... S eastern USA
87. *Eurypterus hankeni* Tetlie, 2006a ..... S Ringerike, Norway
88. *Eurypterus henningsmoeni* (Tetlie, 2002) ..... S Bærum, Norway
89. *Eurypterus laculatus* Kjellesvig-Waering, 1958 ..... S New York / Ontario
90. *Eurypterus lacustris* Harlan, 1834 ..... S New York / Ontario
- i. = *Eurypterus pachycheirus* Hall, 1859 ..... S New York / Ontario
- ii. = *Eurypterus robustus* Hall, 1859 ..... S New York / Ontario
91. *Eurypterus leopoldi* Tetlie, 2006a ..... S Somerset Is., Canada
92. *Eurypterus megalops* Clarke & Ruedemann, 1912 ..... S New York
93. ?*Eurypterus minor* Laurie, 1899 ..... S Pentland Hills, Scotl.
94. *Eurypterus ornatus* Leutze, 1958 ..... S Fayette, Ohio
95. *Eurypterus pittsfordensis* Sarle, 1903 ..... S Pittsford, New York

96. *Eurypterus quebecensis* Kjellesvig-Waering, 1958 ..... S Québec, Canada
97. *Eurypterus remipes* DeKay, 1825\* ..... S New York / Ontario  
 i. = *Carcinosoma trigona* (Ruedemann, 1916)..... S New York
98. *Eurypterus serratus* (Jones & Woodward, 1888) ..... S Gotland, Sweden
99. *Eurypterus tetragonophthalmus* Fischer, 1839 ..... S Saaremaa, Estonia  
 i. = *Eurypterus fischeri* Eichwald, 1854 ..... S Estonia / Ukraine  
 ii. = *Eurypterus fischeri* var. *rectangularis* Schmidt, 1883...S Saaremaa, Estonia
- † **ERIEOPTERIDAE Tollerton, 1989** ..... **Silurian – Devonian**
- † ***Erieopterus* Kjellesvig-Waering, 1958** ..... **Silurian – Devonian**
100. *Erieopterus eriensis* (Whitfield, 1882)..... S Ohio
101. *Erieopterus hypsophthalmus* Kjellesvig-Waering, 1958..... S Ohio
102. ?*Erieopterus laticeps* (Schmidt, 1883) ..... S Saaremaa, Ringerike
103. *Erieopterus latus* Ruedemann, 1935 ..... D Wyoming, USA
104. ?*Erieopterus limuloides* (Kjellesvig-Waering, 1948a) ..... S Kokomo, Indiana
105. *Erieopterus microphthalmus* (Hall, 1859)\* ..... D New York / Canada
106. ?*Erieopterus phillipsensis* Copeland, 1971..... S Cornwallis Is. Canada
107. ?*Erieopterus statzi* Størmer, 1936a ..... D Siegburg, Germany
108. ?*Erieopterus turgidus* Stumm & Kjellesvig-Waering, 1962 ..... S Michigan
- † **MIXOPTEROIDEA Caster & Kjellesvig-Waering, 1955** ..... **Silurian**
- † **CARCINOSOMATIDAE Størmer, 1934b** ..... **Ordovician – Devonian**
- † ***Carcinosoma* Claypole, 1890** ..... **Silurian**
109. ?*Carcinosoma harleyi* Kjellesvig-Waering, 1961b ..... S England
110. *Carcinosoma libertyi* Copeland & Bolton, 1960 ..... S Manitoulin I., Canada
111. *Carcinosoma newlini* Claypole, 1890a\* ..... S Kokomo, Indiana  
 i. = *Carcinosoma ingens* Claypole, 1894 ..... S Kokomo, Indiana
112. ?*Carcinosoma punctatum* (Salter in Huxley & Salter, 1859) ..... S England
113. *Carcinosoma scorpoides* (Woodward, 1868)..... S Lesmahagow  
 i. = *Pterygotus raniceps* Woodward, 1868 ..... S Lesmahagow
114. *Carcinosoma scoticus* (Laurie, 1899)..... S Pentland Hills, Scotl.
115. ?*Carcinosoma spiniferum* Kjellesvig-Waering & Heubusch, 1962 ..... S Pittsford, New York
- † ***Eocarcinosoma* Caster & Kjellesvig-Waering, 1964** ..... **Ordovician**
116. *Eocarcinosoma batrachophthalmus* Caster & Kjellesvig-Waering,  
 1964\* ..... O Ohio
- † ***Paracarcinosoma* Caster & Kjellesvig-Waering, 1964** ..... **Silurian – Devonian**
117. *Paracarcinosoma acrocephalus* (Semper, 1898)..... S–D Barrandian area
118. *Paracarcinosoma obesus* (Woodward, 1868)..... S Lesmahagow
119. *Paracarcinosoma scorpionis* (Grote & Pitt, 1875)\* ..... S New York / Ontario
- † ***Rhinocarcinosoma* Novojilov, 1962** ..... **Silurian**
120. *Rhinocarcinosoma cicero* (Clarke, 1907) ..... S Otisville, New York

121. *Rhinocarcinosoma dosonensis* Braddy, Selden & Doan Nhat, 2002 .... S Dô Son, Vietnam
122. *Rhinocarcinosoma vaningeni* (Clarke & Ruedemann, 1912)\* ..... S Clinton, New York
- † **MIXOPTERIDAE Caster & Kjellesvig-Waering, 1955** ..... **Silurian**  
     = † LANARKOPTERIDAE Tollerton, 1989
- † **Lanarkopterus Ritchie, 1968** ..... **Silurian**
123. *Lanarkopterus dolichoschelus* (Størmer, 1936b)\* ..... S Scotland
- † **Mixopterus Ruedemann, 1921** ..... **Silurian**
124. *Mixopterus kiaeri* Størmer, 1934b ..... S Ringerike, Norway
125. *Mixopterus multispinosus* (Clarke & Ruedemann, 1912)\* ..... S New York
126. *Mixopterus simonsoni* Schmidt, 1883 ..... S Saaremaa, Estonia
- † **'WAERINGOPTEROIDEA'** ..... **Silurian – Devonian**
- NB: Superfamily name appears to be derived from a thesis; a family Waeringopteridae has not been formally published
- † **Grossopterus Størmer, 1934c** ..... **Devonian**
127. *Grossopterus overathi* (Gross, 1933)\* ..... D Overath
128. *Grossopterus inexpectans* (Ruedemann, 1921) ..... D Gilboa
- † **Orcanopterus Stott, Tetlie, Braddy, Nowlan, Glasser & Devereux, 2005** ..... **Ordovician**
129. *Orcanopterus manitoulinensis* Stott, Tetlie, Braddy, Nowlan, Glasser  
         & Devereux, 2005\* ..... O Manitoulin I., Canada
- † **Waeringopterus Leutze, 1961** ..... **Silurian**
130. *Waeringopterus apfeli* Leutze, 1961 ..... S New York / Ontario
131. *Waeringopterus cumberlandicus* (Swartz, 1923)\* ..... S West Virginia
- i. = *Eurypterus swartzi* Kjellesvig-Waering, 1958 ..... S West Virginia
- † **ADELOPHTHALMOIDEA Tollerton, 1989** ..... **Devonian – Permian**
- † **ADELOPHTHALMIDAE Tollerton, 1989** ..... **Devonian – Permian**
- † **Adelophthalmus Jordan in Jordan & von Mayer, 1854** ..... **Devonian – Permian**  
     = † *Lepidoderma* Reuss, 1855  
     = † *Anthraconectes* Meek & Worthen, 1868 [a/b?]  
     = † *Polyzosternites* Goldenberg, 1873  
     = † *Glyptoscorpis* Peach, 1882
132. *Adelophthalmus approximatus* (Hall & Clarke, 1888) ..... C Pennsylvania, USA
133. *Adelophthalmus asturica* (Melendez, 1971) ..... C d'Ablana, Spain
134. *Adelophthalmus bradorensis* (Bell, 1922) ..... C N. Campbelltown
135. *Adelophthalmus cambieri* (Pruvost, 1930) ..... C Charleroi, Belgium
136. ?*Adelophthalmus carbonarius* (Chernyshev, 1933) ..... C Donetsk, Ukraine
137. *Adelophthalmus chinensis* (Grabau, 1920) ..... C–P Zhaoezhuang
138. *Adelophthalmus corneti* (Pruvost, 1939) ..... C Quaregnon, Belgium
139. *Adelophthalmus douvillei* (de Lima, 1890) ..... P Bussaco, Portugal
140. *Adelophthalmus dumonti* (Stainier, 1917) ..... C Mechelen-sur-Meuse

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

- † **PTERYGOTIOIDEA Clarke & Ruedemann, 1912** ..... **Silurian – Devonian**
- † **HUGHMILLERIIDAE Kjellesvig-Waering, 1951** ..... **Silurian**
- † **Herefordopterus Tetlie, 2006b** ..... **Silurian**
173. *Herefordopterus banksii* (Salter, 1856)\* ..... S Herefordshire, Engl.  
     i. = *Eurypterus acuminatus* Salter, 1859a ..... S Herefordshire, Engl.
- † **Hughmilleria Sarle, 1903** ..... **Silurian**
174. *Hughmilleria shawangunk* Clarke, 1907 ..... S eastern USA
175. *Hughmilleria socialis* Sarle, 1903\* ..... S Pittsford, New York  
     i. = *Hughmilleria robusta* Sarle, 1903 ..... S Pittsford, New York
176. *Hughmilleria wangi* Tetlie, Selden & Ren, 2007 ..... S Hunan, China
- † **SLIMONIDAE Novojilov, 1968** ..... **Silurian**
- † **Salteropterus Kjellesvig-Waering, 1951** ..... **Silurian**
177. *Salteropterus abbreviatus* (Salter, 1859)\* ..... S Herefordshire, Engl.
- † **Slimonia Page, 1856** ..... **Silurian**
178. *Slimonia acuminata* Salter, 1856\* ..... S Lesmahagow  
     i. = *Himantopterus maximus* Salter, 1856 ..... S Lesmahagow
179. *Slimonia boliviana* Kjellesvig-Waering, 1973 ..... S Cochambamba, Bol.
180. *Slimonia dubia* Laurie, 1899 ..... S Pentland Hills, Scotl.
- † **PTERYGOTIDAE Clarke & Ruedemann, 1912** ..... **Silurian – Devonian**  
     = † JAEKELOPTERIDAE Størmer, 1974
- † **Acutiramus Ruedemann, 1935** ..... **Silurian – Devonian**
181. *Acutiramus bohemicus* (Barrande, 1872) ..... S Barrandian area  
     i. = *Pterygotus comes* Barrande, 1872 ..... S Barrandian area  
     ii. = *Pterygotus mediocris* Barrande, 1872 ..... S Barrandian area  
     iii. = *Pterygotus blahai* Semper, 1898 ..... S Barrandian area  
     iv. = *Pterygotus fissus* Seemann, 1906 ..... S Barrandian area
182. *Acutiramus cummingsi* (Grote & Pitt, 1875) ..... S USA / Canada  
     i. = *Pterygotus acuticaudatus* Pohlman, 1882 ..... S New York  
     ii. = *Pterygotus buffaloensis* Pohlman, 1881 ..... S New York  
     iii. = *Pterygotus quadraticaudatus* Pohlman, 1882 ..... S New York
183. *Acutiramus floweri* Kjellesvig-Waering & Caster, 1955 ..... S Kenwood, New York
184. *Acutiramus macrophthalmus* (Hall, 1859)\* ..... S USA / Canada  
     i. = *Pterygotus osborni* Hall, 1859 ..... S New York  
     ii. = *Pterygotus cobbi* var. *juvenis* Clarke & Ruedemann,  
         1912 ..... S New York
185. *Acutiramus perneri* Chlupáč, 1994 ..... D Barrandian area
186. *Acutiramus perryensis* Leutze, 1958 ..... S Ohio
187. *Acutiramus suwanneensis* Kjellesvig-Waering, 1955 ..... S? Florida
- † **Ciurcopterus Tetlie & Briggs, 2009** ..... **Silurian**



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

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

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

#### NOMINA DUBIA

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

#### NOMINA NUDA

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

#### NOMINA VANA

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

#### MISIDENTIFICATIONS

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

#### PSEUDOFOSILS

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

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

no Recent species

# SCORPIONES

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>
† <i>Dolichophonus</i> Petrunkevitch, 1949 .....	<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**
- † *Allobuthiscorpius* Kjellesvig-Waering, 1986 ..... **Carboniferous**
14. *Allobuthiscorpius major* (Wills, 1960)\* ..... C Kilburn Coal
- † *Aspiscorpio* Kjellesvig-Waering, 1986 ..... **Carboniferous**
15. *Aspiscorpio eageri* Kjellesvig-Waering, 1986\* ..... C Sparth Bottoms
- Aspiscorpio* sp. in Poschmann (2009) ..... C Saar
- † **ANTHRACOSCORPIONIDAE Frič, 1904** ..... **Carboniferous**
- † *Allobuthus* Kjellesvig-Waering, 1986 ..... **Carboniferous**
16. *Allobuthus macrostethus* Kjellesvig-Waering, 1986\* ..... C Coseley
17. *Allobuthus pescei* (Vachon & Heyler, 1985) ..... C Montceau-les-Mines
- † *Anthracoscorpio* Kušta, 1885 ..... **Carboniferous**
18. *Anthracoscorpio dunlopi* Pocock, 1911 ..... C Airdrie
19. *Anthracoscorpio juvenis* Kušta, 1885\* ..... C Rakovník
- † *Coseleyscorpio* Kjellesvig-Waering, 1986 ..... **Carboniferous**
20. *Coseleyscorpio lanceolatus* Kjellesvig-Waering, 1986\* ..... C Coseley
- † *Lichnoscorpium* Petrunkevitch, 1949 ..... **Carboniferous**
21. *Lichnoscorpium minutus* Petrunkevitch, 1949\* ..... C Coseley
- † **BUTHISCORPIIDAE Kjellesvig-Waering, 1986** ..... **Carboniferous**
- † *Buthiscorpius* Petrunkevitch, 1953 ..... **Carboniferous**
22. *Buthiscorpius buthiformis* (Pocock, 1911)\* ..... C Sparth Bottoms

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

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



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

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

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

† <b>ARCHAEOBUTHIDAE Lourenço, 2001</b> .....	<b>Cretaceous</b>
† <i>Archaeobuthus</i> Lourenço, 2001 .....	<b>Cretaceous</b>
88. <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>
89. <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>
90. <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>
91. <i>Microcharmum henderickxi</i> (Lourenço, 2009a) .....	Qt Madagascar copal
<b>Microtityus Kjellesvig-Waering, 1966c</b> .....	<b>Neogene – Recent</b>
92. <i>Microtityus ambarensis</i> (Schawaller, 1982a) .....	Ne Dominican amber
† <b>Palaeoakentrobuthus Lourenço &amp; Weitschat, 2000</b> .....	<b>Palaeogene</b>
93. <i>Palaeoakentrobuthus knodeli</i> Lourenço & Weitschat, 2000* .....	Pa Baltic amber
† <b>Palaeoanateris Lourenço &amp; Weitschat, 2001</b> .....	<b>Palaeogene</b>
94. <i>Palaeoanateris ribnitiodamgartensis</i> Lourenço & Weitschat, 2001* .....	Pa Baltic amber
95. <i>Palaeoanateris ukrainensis</i> Lourenço & Weitschat, 2009 .....	Pa Rovno amber
96. <i>Palaeoanateris wunderlichi</i> Lourenço, 2004 .....	Pa Baltic amber
† <b>Palaeoisometrus Lourenço &amp; Weitschat, 2005a</b> .....	<b>Palaeogene</b>
97. <i>Palaeoisometrus elegans</i> Lourenço & Weitschat, 2005a* .....	Pa Baltic amber
† <b>Palaeogrosphus Lourenço, 2000a</b> .....	<b>Neogene</b>
98. <i>Palaeogrosphus copalensis</i> (Lourenço, 1996b) .....	Qt Copal
† <b>Palaeoprotobuthus Lourenço &amp; Weitschat, 2000</b> .....	<b>Palaeogene</b>
99. <i>Palaeoprotobuthus pusillus</i> Lourenço & Weitschat, 2000* .....	Pa Baltic amber
† <b>Palaeospinobuthus Lourenço, Henderickx &amp; Weitschat, 2005</b> .....	<b>Palaeogene</b>
100. <i>Palaeospinobuthus cenozoicus</i> Lourenço, Henderickx & .....	
Weitschat, 2005* .....	Pa Baltic amber
† <b>Palaeotityobuthus Lourenço &amp; Weitschat, 2000</b> .....	<b>Palaeogene</b>
101. <i>Palaeotityobuthus longiaculeus</i> Lourenço & Weitschat, 2000* .....	Pa Baltic amber
<b>Tityus C. L. Koch, 1836</b> .....	<b>?Palaeogene – Recent</b>
102. ‘ <i>Tityus</i> ’ <i>eogenus</i> Menge, 1869 [presumably misplaced] .....	Pa Baltic amber
103. <i>Tityus geratus</i> Santiago-Blay & Poinar, 1988 .....	Ne Dominican amber
104. <i>Tityus (Brazilotityus) hartkorni</i> Lourenço, 2009b .....	Ne Dominican amber
† <b>Uintascorpio Perry, 1995</b> .....	<b>Palaeogene</b>
105. <i>Uintascorpio halandrasorum</i> Perry, 1995* .....	Pa Green River

**BUTHIDAE *incertae sedis***

106. '*Scorpio*' *schweiggeri* Holl, 1829 ..... Qt Copal [not amber!]

**BOTHRIURIDAE Simon, 1880 ..... Recent**

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

= ACANTHOCHIROIDAE Karsch, 1880*b*

no fossil record

**CHACTOIDEA Pocock, 1893 ..... Cretaceous – Recent**

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

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

107. *Palaeoescorpius gallicus* Lourenço, 2003\* ..... K French amber

**CHACTIDAE Pocock, 1893 ..... Cretaceous – Recent**

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

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

108. *Araripescorpius ligabuei* Campos, 1986\* ..... K Crato Formation

**Chactas Gervais, 1844 ..... Subrecent – Recent**

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

**AKRAVIDAE Levy, 2007 ..... Recent**

no fossil record

**CHAERILIDAE Pocock, 1893 ..... Recent**

no fossil record

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

no fossil record

**EUSCORPIIDAE Laurie, 1896 ..... Recent**

no fossil record

**HETEROSCORPIONIDAE Kraepelin, 1905 ..... Recent**

no fossil record

**HEMISCORPIIDAE Pocock, 1893 ..... Cretaceous – Recent**

= ISCHNURIDAE Simon, 1879*a*

= LIOCHELIDAE Fet & Bechly, 2001

= † PROTOISCHNURIDAE Carvalho & Lourenço, 2001

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

110. *Protoischnurus axelrodum* Carvalho & Lourenço, 2001\* ..... K Crato Formation

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

no fossil record

**SCORPIONIDAE Latreille, 1802** ..... **Neogene – Recent**

= PANDINOIDAE Thorell, 1876*b*

= HETEROMETRIDAE Simon, 1879*a*

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

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

† ***Sinoscorpius* Hong, 1983*a*** ..... **Neogene**

112. *Sinoscorpius shandongensis* Hong, 1983*a*\* ..... Ne Shandong, China

**SUPERSTITIONIIDAE Stahnke, 1940** ..... **Recent**

no fossil record

**TROGLOTAYOSICIDAE Lourenço, 1998** ..... **Recent**

no fossil record

**VAEJOVIDAE Thorell, 1876*b*** ..... **Recent**

no fossil record

SCORPIONES *incertae sedis*

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

113. *Gymnoscopus mutillidigitatus* Jeram, 1994*b*\* ..... C northern England

† ***Hubeiscorpio* Walossek, Li & Brauckmann, 1990** ..... **Devonian**

114. *Hubeiscorpio gracilitarsis* Walossek, Li & Brauckmann, 1990\* ..... D Hubei, China

† ***Liasscorpionides* Bode, 1951** ..... **Jurassic**

115. *Liasscorpionides schmidti* Bode, 1951\* ..... J Hondelage, Germany

† ***Palaeomachus* Pocock, 1911** ..... **Carboniferous**

116. *Palaeomachus anglicus* (Woodward, 1876)\* ..... C Mansfield

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

117. *Titanoscopus douglassi* Kjellesvig-Waering, 1986 ..... C Mazon Creek

† ***Wattisonia* Wills, 1960** ..... **Carboniferous**

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

MISIDENTIFICATIONS

1. ?*Mesophonus maculatus* (Brauer, Redtenbacher & Ganglbauer, 1889) .....

[?insect: cockroach] ..... J Siberia

2. *Tiphoscopus hueberi* Kjellesvig-Waering, 1986 [myriapod: *Eoarthropleura*] ..... D New York

# OPILIONES

30 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>Cretaceous – Recent</b>
† <b>Palaeosiro Poinar, 2008</b> .....	<b>Cretaceous – Recent</b>
1. <i>Palaeosiro burmanicum</i> Poinar, 2008 .....	K Myanmar amber
[probably a stylocellid – all other Sironidae are European]	
<b>Siro Latreille, 1796</b> .....	<b>Palaeogene – Recent</b>
2. <i>Siro balticus</i> Dunlop & Mitov, 2011 .....	Pa Baltic amber
3. <i>Siro platypedibus</i> Dunlop & Giribet, 2003 .....	Pa Bitterfeld amber
<b>STYLOCELLIDAE Hansen &amp; Sørensen, 1904</b> .....	<b>Recent</b>
no fossil record	
<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>CADDOIDEA</b> Banks, 1893 .....	<b>Palaeogene – Recent</b>
<b>CADDIDAE</b> Banks, 1893 .....	<b>Palaeogene – Recent</b>
<b>Caddo</b> Banks, 1892a .....	<b>Palaeogene – Recent</b>
7. <i>Caddo dentipalpus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>PHALANGIOIDEA</b> Latreille, 1802 .....	<b>Palaeogene – Recent</b>
family uncertain	
† <i>Petrunkevitchiana</i> Mello-Leitão, 1937 [genus <i>incertae sedis</i> ] .....	<b>Palaeogene</b>
8. <i>Petrunkevitchiana oculata</i> (Petrunkevitch, 1922)* .....	Pa Florissant
<b>MONOScutIDAE</b> Forster, 1948 .....	<b>Recent</b>
no fossil record	
<b>NEOPILIONIDAE</b> Lawrence, 1931 .....	<b>Recent</b>
no fossil record	
<b>PHALANGIIDAE</b> Latreille, 1802 .....	<b>Palaeogene – Recent</b>
<i>Dicranopalpus</i> Doleschall, 1852 .....	<b>Palaeogene – Recent</b>
9. <i>Dicranopalpus ramiger</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Opilio corniger</i> Menge, 1854 .....	Pa Baltic amber
ii. = <i>Dicranopalpus palmnickensis</i> Roewer, 1939 .....	Pa Baltic amber
† <i>Stephanobunus</i> Dunlop & Mammitzsch, 2010 .....	<b>Palaeogene</b>
10. <i>Stephanobunus mitovi</i> Dunlop & Mammitzsch, 2010 .....	Pa Baltic amber
<b>?Phalangiidae</b>	
11. <i>Opilio ovalis</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
[probably misplaced at genus level]	
<b>SCLEROSOMATIDAE</b> Simon, 1879a .....	<b>Jurassic – Recent</b>
† <i>Amauropilio</i> Mello-Leitão, 1937 .....	<b>Palaeogene</b>
12. <i>Amauropilio atavus</i> (Cockerell, 1907) .....	Pa Florissant
13. <i>Amauropilio lacoei</i> (Petrunkevitch, 1922) .....	Pa Florissant
<i>Leiobunum</i> C. L. Koch, 1839a .....	<b>Jurassic – Recent</b>
14. <i>Leiobunum longipes</i> Menge, 1854 .....	Pa Baltic amber
i. = <i>Leiobunum saporum</i> Menge, 1854 [? <i>lapsus</i> ] .....	Pa Baltic amber
ii. = <i>Leiobunum inclusum</i> Roewer, 1939 .....	Pa Baltic amber
† <i>Mesobunus</i> Huang, Selden & Dunlop, 2009 .....	<b>Jurassic</b>
15. <i>Mesobunus martensi</i> Huang, Selden & Dunlop, 2009* .....	J Daohugou
<b>Family uncertain</b>	
† <i>Daohugopilio</i> Huang, Selden & Dunlop, 2009 .....	<b>Jurassic</b>
16. <i>Daohugopilio sheari</i> Huang, Selden & Dunlop, 2009* .....	J Daohugou



<b>DYSPNOI Hansen &amp; Sørensen, 1904 (suborder)</b> .....	<b>Carbon. – Recent</b>
family uncertain	
† <b><i>Echinopustulatus</i> Dunlop, 2004</b> .....	<b>Carboniferous</b>
17. <i>Echinopustulatus samuelnelsoni</i> Dunlop, 2004* .....	C Missouri
<b>ISCHYROPSALIDOIDEA Simon, 1879a</b> .....	<b>Palaeogene – Recent</b>
<b>CERATOLASMATIDAE Shear, 1986</b> .....	<b>Recent</b>
no fossil record	
<b>ISCHYROPSALIDIDAE Simon, 1879a</b> .....	<b>Recent</b>
no fossil record	
<b>SABACONIDAE Dresco, 1970</b> .....	<b>Palaeogene – Recent</b>
<b><i>Sabacon</i> Simon, 1879a</b> .....	<b>Palaeogene – Recent</b>
18. <i>Sabacon claviger</i> (Menge, 1854) .....	Pa Baltic amber
i. = <i>Sabacon bachofeni</i> Roewer, 1939 .....	Pa Baltic amber
<b>TROGULOIDEA Sundevall, 1833</b> .....	<b>Cretaceous – Recent</b>
[family uncertain; Shear (2010) suggested it is not an ortholasmatine, but may represent a new family]	
† <b><i>Halitherses</i> Giribet &amp; Dunlop, 2005</b> .....	<b>Cretaceous</b>
19. <i>Halitherses grimaldii</i> Giribet & Dunlop, 2005* .....	K Myanmar amber
<b>DICRANOLASMATIDAE Simon, 1879a</b> .....	<b>Recent</b>
no fossil record	
† <b>EOTROGULIDAE Petrunkevitch, 1955a</b> .....	<b>Carboniferous</b>
† <b><i>Eotrogulus</i> Thevenin, 1901</b> .....	<b>Carboniferous</b>
20. <i>Eotrogulus fayoli</i> Thevenin, 1901* .....	C Commentry
<b>NEMASTOMATIDAE Simon, 1879a</b> .....	<b>Palaeogene – Recent</b>
<b><i>Histicostoma</i> Kratochvíl, 1958</b> .....	<b>Palaeogene – Recent</b>
21. ? <i>Histicostoma tuberculatum</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b><i>Mitostoma</i> Roewer, 1951</b> .....	<b>Palaeogene – Recent</b>
22. ? <i>Mitostoma denticulatum</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Nemastoma succineum</i> Roewer, 1939 .....	Pa Baltic amber
<b><i>Nemastoma</i> C. L. Koch, 1836</b> .....	<b>Palaeogene – Recent</b>
23. ? <i>Nemastoma incertum</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>NEMASTOMOIDIDAE Petrunkevitch, 1955a</b> .....	<b>Carboniferous</b>
† <b><i>Nemastomoides</i> Thevenin, 1901</b> .....	<b>Carboniferous</b>
= † <i>Protopilio</i> Petrunkevitch, 1913	
24. <i>Nemastomoides elaveris</i> Thevenin, 1901* .....	C Commentry

25. <i>Nemastomoides longipes</i> (Petrunkevitch, 1913) .....	C Mazon Creek
<b>NIPPONOSALIDIDAE Martens, 1976</b> .....	<b>Recent</b>
no fossil record	
<b>TROGULIDAE Sundevall, 1833</b> .....	<b>Palaeogene – Recent</b>
<i>Trogulus</i> Latreille, 1802 .....	<b>Palaeogene – Recent</b>
26. <i>Trogulus longipes</i> Haupt, 1956 .....	Pa Geiseltal
<b>LANIATORES Thorell, 1876c (suborder)</b> .....	<b>Palaeogene – Recent</b>
family uncertain	
<i>Philacarus</i> Sørensen, 1932 .....	<b>Neogene – Recent</b>
27. <i>Philacarus hispaniolensis</i> Cokendolpher & Poinar, 1992 .....	Ne Dominican amber
<b>INSIDIATORES Loman, 1900 (infraorder)</b> .....	<b>Palaeogene – Recent</b>
<b>TRAVUNIOIDEA Absolon &amp; Kratochvíl, 1932</b> .....	<b>Palaeogene – Recent</b>
<b>CLADONYCHIDAE Hadži, 1935</b> .....	<b>Palaeogene – Recent</b>
† <i>Proholoscotolemon</i> Ubick & Dunlop, 2005 .....	<b>Palaeogene</b>
28. <i>Proholoscotolemon nemastomoides</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
? <i>Proholoscotolemon</i> sp. in Ubick & Dunlop (2005) .....	Pa Baltic amber
<b>PENTANYCHIDAE Briggs, 1971</b> .....	<b>Recent</b>
no fossil record	
<b>TRAVUNIIDAE Absolon &amp; Kratochvíl, 1932</b> .....	<b>Recent</b>
no fossil record	
<b>TRIAENONYCHOIDEA Sørensen, 1886</b> .....	<b>Recent</b>
<b>SYNTHETONYCHIIDAE Forster, 1954</b> .....	<b>Recent</b>
no fossil record	
<b>TRIAENONYCHIDAE Sørensen, 1886</b> .....	<b>Recent</b>
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>
<b>Kimula Goodnight &amp; Goodnight, 1942</b> .....	<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>
<b>Hummelinckiolus Šilhavý, 1979</b> .....	<b>Neogene – Recent</b>
29. <i>Hummelinckiolus silhavyi</i> Cokendolpher & Poinar, 1998 .....	Ne Dominican amber
<b>Pellobunus Banks, 1905</b> .....	<b>Neogene – Recent</b>
30. <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>STYGNOPSIDAE Sørensen, 1932</b> .....	<b>Recent</b>
no fossil record	
<b>GONYLEPTOIDEA Sundevall, 1833</b> .....	<b>Recent</b>
<b>AGORISTENIDAE Šilhavý, 1973</b> .....	<b>Recent</b>
no fossil record	
<b>COSMETIDAE C. L. Koch, 1839a</b> .....	<b>Recent</b>
no fossil record	
<b>CRANIDAE Roewer, 1913</b> .....	<b>Recent</b>
no fossil record	
<b>GONYLEPTIDAE Sundevall, 1833</b> .....	<b>Recent</b>
no fossil record	
<b>MANAOSBIIDAE Roewer, 1943</b> .....	<b>Recent</b>
no fossil record	
<b>STYGNIDAE Simon, 1879b</b> .....	<b>Recent</b>
no fossil record	

**PHALANGODOIDEA** Simon, 1879a ..... **Recent**

**ONCOPODIDAE** Thorell, 1876c ..... **Recent**

no fossil record

**PHALANGODIDAE** Simon, 1879a ..... **Recent**

no fossil record

**ZALMOXOIDEA** Sørensen, 1886 ..... **Recent**

**FISSIPHALLIIDAE** Martens, 1988 ..... **Recent**

no fossil record

**GUASINIIDAE** González-Sponga, 1997 ..... **Recent**

no fossil record

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

no fossil record

**ZALMOXIDAE** Sørensen, 1886 ..... **Recent**

no fossil record

**OPILIONES *incertae sedis***

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

**NOMINA DUBIA**

1. *Cheiromachus coriaceus* Menge, 1854 ..... Pa Baltic amber

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

**MISIDENTIFICATIONS**

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

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

16. <i>Mesotarbus hindi</i> (Pocock, 1911) .....	C Coseley
17. <i>Mesotarbus intermedius</i> Petrunkevitch, 1949* .....	C Coseley
18. <i>Mesotarbus peteri</i> Dunlop & Horrocks, 1997 .....	C Westhoughton
† <b><i>Metatarbus</i> Petrunkevitch, 1913</b> .....	<b>Carboniferous</b>
19. <i>Metatarbus triangularis</i> Petrunkevitch, 1913* .....	C Mazon Creek
† <b><i>Ootarbus</i> 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><i>Orthotarbus</i> 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><i>Paratarbus</i> Petrunkevitch, 1945a</b> .....	<b>Carboniferous</b>
26. <i>Paratarbus carbonarius</i> Petrunkevitch, 1945a* .....	C Mazon Creek
† <b><i>Phalangiotarbus</i> Haase, 1890</b> .....	<b>Carboniferous</b>
27. <i>Phalangiotarbus subovalis</i> (Woodward, 1872b)* .....	C Burnley
† <b><i>Pycnotarbus</i> Darber, 1990</b> .....	<b>Carboniferous</b>
28. <i>Pycnotarbus verrucosus</i> Darber, 1990* .....	C Oelsnitz
† <b><i>Triangulotarbus</i> Patrick, 1989</b> .....	<b>Carboniferous</b>
29. <i>Triangulotarbus terrehautensis</i> Patrick, 1989* .....	C Indiana
† <b>HETEROTARBIDAE Petrunkevitch, 1913</b> .....	<b>Carboniferous</b>
† <b><i>Heterotarbus</i> 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><i>Opiliotarbus</i> 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

## PSUEDOSCORPIONES

43 currently valid species of fossil pseudoscorpion

<b>PSEUDOSCORPIONES De Geer, 1778</b> .....	<b>Devonian – Recent</b>
= CHERNETES Simon, 1879a	
= CHELONETHI Thorell, 1882	
<b>EPIOCHIERATA Harvey, 1992 (suborder)</b> .....	<b>Devonian – Recent</b>
<b>CHTHONOIDEA Daday, 1888</b> .....	<b>Devonian – Recent</b>
<b>CHTHONIIDAE Daday, 1888</b> .....	<b>Palaeogene – Recent</b>
<b><i>Chthonius</i> C. L. Koch, 1843a</b> .....	<b>Palaeogene – Recent</b>
1. <i>Chthonius (Chthonius) mengei</i> Beier, 1937 .....	Pa Baltic amber
2. <i>Chthonius (Chthonius) pristinus</i> Schawaller, 1978 .....	Pa Baltic amber
<b><i>Pseudochthonius</i> Balzan, 1892</b> .....	<b>Neogene – Recent</b>
3. <i>Pseudochthonius squamosus</i> Schawaller, 1980a .....	Ne Dominican amber
<b><i>Tyrannchthonius</i> Chamberlin, 1929</b> .....	<b>Quaternary – Recent</b>
<i>Tyrannchthonius</i> sp. in Judson (2010) .....	Qt Madagascan copal
† <b>DRACOCHELIDAE Schawaller, Shear &amp; Bonamo, 1991</b> .....	<b>Devonian</b>
† <b><i>Dracochela</i> Schawaller, Shear &amp; Bonamo, 1991</b> .....	<b>Devonian</b>
4. <i>Dracochela deprehendor</i> Schawaller, Shear & Bonamo, 1991* .....	D Gilboa
<b>LECHYTIDAE Chamberlin, 1929</b> .....	<b>Neogene – Recent</b>
<b><i>Lechytia</i> Balzan, 1892</b> .....	<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	
† <b><i>Chelignathus</i> Menge, 1854</b> .....	<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>
<b><i>Pseudogarypus</i> Ellingsen, 1909</b> .....	<b>Palaeogene – Recent</b>
7. <i>Pseudogarypus extensus</i> Beier, 1937 .....	Pa Baltic amber

8. *Pseudogarypus hemprichii* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 9. *Pseudogarypus minor* Beier, 1947a ..... Pa Baltic amber  
 10. *Pseudogarypus pangaea* Henderickx in Henderickx *et al.*, 2006 ..... Pa Baltic amber

**IOCHIERATA Harvey, 1992 (suborder) ..... Cretaceous – Recent**

**HEMICTENATA Balzan, 1892 (infraorder) ..... Cretaceous – Recent**

**NEOBISIOIDEA Chamberlin, 1930 ..... Cretaceous – Recent**

**BOCHICIDAE Chamberlin, 1930 ..... Recent**

= VACHONIIDAE Chamberlin, 1947

no fossil record

**GYMNOBISIIDAE Beier, 1947b ..... Recent**

no fossil record

**HYIDAE Chamberlin, 1930 ..... Recent**

no fossil record

**IDEORONCIDAE Chamberlin, 1930 ..... Recent**

no fossil record

**NEOBISIIDAE Chamberlin, 1930 ..... Cretaceous – Recent**

= OBISIIDAE Sundevall, 1833

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

11. *Electrobisium acutum* Cockerell, 1917a\* ..... K Myanmar amber

***Microcreagris* Balzan, 1892 ..... Palaeogene – Recent**

12. *Microcreagris koellneri* Schawaller, 1978 ..... Pa Baltic amber

***Neobisium* Chamberlin, 1930 ..... Palaeogene – Recent**

13. *Neobisium (Neobisium) extinctum* Beier, 1955 ..... Pa Baltic amber

14. *Neobisium henderickxi* Judson, 2003 ..... Pa Baltic amber

***Roncus* L. Koch, 1873 ..... Palaeogene – Recent**

15. *Roncus succineus* Beier, 1955 ..... Pa Baltic amber

**PARAHYIDAE Harvey, 1992 ..... Recent**

no fossil record

**SYARINIDAE Chamberlin, 1930 ..... Recent**

no fossil record

**PANCTENATA Balzan, 1892 (infraorder) ..... Cretaceous – Recent**

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

**GARYPIDAE Simon, 1879a ..... Recent**

= SYNSPHRONIDAE Beier, 1932a

no fossil record



<b>GARYPINIDAE</b> Daday, 1888 .....	<b>Cretaceous – Recent</b>
<i>Amblyolpium</i> Simon, 1898 <i>b</i> .....	<b>Cretaceous – Recent</b>
16. <i>Amblyolpium burmiticum</i> (Cockerell, 1920) .....	K Myanmar amber
<b>Garypinus</b> Daday, 1888 .....	<b>Palaeogene – Recent</b>
17. <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>
18. <i>Geogarypus gorskii</i> Henderickx, 2005 .....	Pa Baltic amber
19. <i>Geogarypus macrodactylus</i> Beier, 1937 .....	Pa Baltic amber
20. <i>Geogarypus major</i> Beier, 1937 .....	Pa Baltic amber
<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, 1923 <i>b</i> .....	<b>Neogene – Recent</b>
<b>STERNOPHORIDAE</b> Chamberlin, 1923 <i>b</i> .....	<b>Neogene – Recent</b>
<i>Idiogaryops</i> Hoff, 1963 .....	<b>Neogene – Recent</b>
21. <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>
22. <i>Cheiridium hartmanni</i> (Menge, 1854) .....	Pa Baltic amber
<b>Cryptocheiridium</b> Chamberlin, 1931 <i>a</i> .....	<b>Neogene – Recent</b>
23. <i>Cryptocheiridium</i> ( <i>Cryptocheiridium</i> ) <i>antiquum</i> Schawaller, 1981 .....	Ne Dominican amber
<b>PSEUDOCHIRIDIIDAE</b> Chamberlin, 1923 <i>b</i> .....	<b>Neogene – Recent</b>
<i>Pseudochiridium</i> With, 1906 .....	<b>Neogene – Recent</b>
24. <i>Pseudochiridium lindae</i> Judson, 2007 .....	Ne Dominican amber
<b>CHELIFEROIDEA</b> Risso, 1826 .....	<b>Cretaceous – Recent</b>
<b>ATEMNIDAE</b> Chamberlin, 1931 <i>a</i> .....	<b>Palaeogene – Recent</b>
Atemniae indet. <i>in</i> Judson (2010) .....	Qt Dominican amber
<b>Paratemnoides</b> Harvey, 1991 .....	<b>Quaternary – Recent</b>

25. <i>Paratemnoides nidifacator</i> (Balzan, 1888) <b>[Recent]</b> .....	Qt–R Colombian copal
† <b>Progonatemnus Beier, 1955</b> .....	<b>Palaeogene</b>
26. <i>Progonatemnus succineus</i> Beier, 1955 .....	Pa Baltic amber
<b>CHELIFERIIDAE Risso, 1826</b> .....	<b>Cretaceous – Recent</b>
Cheliferiidae? indet. <i>in</i> Judson (2009) .....	K Archingeay amber
† <b>Dichela Menge, 1854</b> .....	<b>Palaeogene</b>
= † <i>Oligochelifer</i> Beier, 1937	
27. <i>Dichela berendtii</i> Menge, 1954* .....	Pa Baltic amber
28. <i>Dichela gracilis</i> (Beier, 1937) .....	Pa Baltic amber
29. <i>Dichela granulatus</i> (Beier, 1937) .....	Pa Baltic amber
30. <i>Dichela serratidentatus</i> (Beier, 1937) .....	Pa Baltic amber
† <b>Electrochelifer Beier, 1937</b> .....	<b>Palaeogene</b>
31. <i>Electrochelifer bachofeni</i> Beier, 1947a .....	Pa Baltic amber
32. <i>Electrochelifer balticus</i> Beier, 1955 .....	Pa Baltic amber
33. <i>Electrochelifer mengei</i> Beier, 1937* .....	Pa Baltic amber
34. <i>Electrochelifer rapulitarsus</i> Beier, 1947a .....	Pa Baltic amber
† <b>Heurtaultia Judson, 2009</b> [tentative referral to family] .....	<b>Cretaceous</b>
35. <i>Heurtaultia rossiorum</i> Judson, 2009 .....	K Archingeay amber
† <b>Pycnochelifer Beier, 1937</b> .....	<b>Palaeogene</b>
36. <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>
37. <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>
38. <i>Oligochernes bachofeni</i> Beier, 1937 .....	Pa Baltic amber
39. <i>Oligochernes wigandi</i> (Menge, 1854) .....	Pa Baltic amber
<b>Pachychernes Beier, 1932b</b> .....	<b>Neogene – Recent</b>
40. <i>Pachychernes effossus</i> Schawaller, 1980b .....	Ne Dominican amber
41. <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, 1879</b> .....	<b>Palaeogene</b>
42. <i>Beierowithius sieboldtii</i> (Menge, 1854)* .....	Pa Baltic amber
<b>Withius Kew, 1911</b> .....	<b>Quaternary – Recent</b>
43. <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

**PARASITIFORMES Reuter, 1909** ..... **Cretaceous – Recent**

= ANACTINOTRICHIDA author, date?

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

= NOTOSTIGMATA author, date?

**OPILIOACARODEA Vitzthum, 1931** ..... **Palaeogene – Recent**

**OPILIOACARIDAE Vitzthum, 1931** ..... **Palaeogene – Recent**

= NEOACARIDAE Chamberlin & Mulaik, 1942

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

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

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

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

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

= TETRASTIGMATA author, date?

**HOLOTYHROIDEA Thorell, 1882** ..... **Recent**

**ALLOTHYRIDAE van der Hammen, 1972** ..... **Recent**

no fossil record

**HOLOTHYRIDAE Thorell, 1882** ..... **Recent**

no fossil record

**NEOTHYRIDAE Lehtinen, 1981** ..... **Recent**

no fossil record

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

= METASTIGMATA author, date?

**IXODOIDEA Banks, 1907** ..... **Cretaceous – Recent**

**ARGASIDAE Murray, 1877** ..... **Cretaceous – Recent**

*Carios* Latreille, 1796 ..... **Cretaceous – Recent**

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

<b>Ornithodoros C. L. Koch, 1844</b> .....	<b>Neogene – Recent</b>
4. <i>Ornithodoros antiquus</i> Poinar, 1995 .....	Ne Dominican amber
<b>IXODIDAE Banks, 1907</b> .....	<b>Cretaceous – Recent</b>
<b>Amblyomma C. L. Koch, 1844</b> .....	<b>Neogene – Recent</b>
5. <i>Amblyomma</i> near <i>argentinae</i> Neumann, 1905 <b>[Recent]</b> .....	Ne–R Dominican amber
† <b>Compluriscutata Poinar &amp; Buckley, 2008</b> .....	<b>Cretaceous</b>
6. <i>Compluriscutata vetulum</i> Poinar & Buckley, 2008* .....	K Myanmar amber
† <b>Cornupalpatum Poinar &amp; Brown, 2003</b> .....	<b>Cretaceous</b>
7. <i>Cornupalpatum burmanicum</i> Poinar & Brown, 2003* .....	K Myanmar amber
<b>Dermacentor C. L. Koch, 1844</b> .....	<b>Neogene – Recent</b>
8. <i>Dermacentor</i> nr. <i>reticulatus</i> (Fabricius, 1794) <b>[Recent]</b> ( <i>in Schille</i> 1916) .....	Ne–R in a Rhino's ear
<b>Hyalomma C. L. Koch, 1844</b> .....	<b>Palaeogene – Recent</b>
<i>Hyalomma</i> spp. ....	Pa Baltic amber
<b>Ixodes Latreille, 1795</b> .....	<b>Palaeogene – Recent</b>
9. <i>Ixodes sigelos</i> Keirans, Clifford & Corwin, 1976 <b>[Recent]</b> .....	Qt Argentina
10. <i>Ixodes succineus</i> Weidner, 1964 .....	Pa Baltic amber
11. <i>Ixodes tertiaris</i> Scudder, 1885 .....	Pa Wyoming
NB: Guglielmone <i>et al.</i> (2009) suggested this may be a <i>nomen nudum</i> , although they probably meant a <i>nomen dubium</i> as there is a description and figure.	
<b>NUTALLIELLIDAE Schulze, 1935</b> .....	<b>Recent</b>
no fossil record	
<b>MESOSTIGMATA author, date? (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>Sejus C. L. Koch, 1836</b> [NB: <i>Seius</i> in an invalid emendation] .....	<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 author, date? (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 Valle, 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	

- NEOTENOGYNIIDAE Kethley, 1974** ..... **Recent**  
no fossil record
- SCHIZOGYNIIDAE Trägårdh, 1950** ..... **Recent**  
no fossil record
- TRIPLOGYNIIDAE Funck, 1977** ..... **Recent**  
no fossil record
- FEDRIZZIOIDEA Trägårdh, 1937** ..... **Recent**  
**FEDRIZZIIDAE Trägårdh, 1937** ..... **Recent**  
no fossil record
- KLINCKOWSTROEMIIDAE author, date?** ..... **Recent**  
no fossil record
- PARAMEGISTIDAE Trägårdh, 1946** ..... **Recent**  
no fossil record
- PROMEGISTIDAE Kethley, 1979** ..... **Recent**  
no fossil record
- MEGISTHANOIDEA Berlese, 1914** ..... **Recent**  
**HOPLOMEGISTIDAE author, date?** ..... **Recent**  
no fossil record
- MEGISTHANIDAE Berlese, 1914** ..... **Recent**  
no fossil record
- PARANTENNULOIDEA Willmann, 1940** ..... **Recent**  
**PARANTENNULIDAE Willmann, 1940** ..... **Recent**  
no fossil record
- PHILODANIDAE Kethley, 1977b** ..... **Recent**  
no fossil record
- AENICTEGUOIDEA Kethley, 1979** ..... **Recent**  
**AENICTEGUIDAE Kethley, 1979** ..... **Recent**  
no fossil record
- MESSORACARIDAE Kethley, 1977** ..... **Recent**  
no fossil record

<b>PHYSALOZERCONIDAE</b> Kethley, 1977 .....	<b>Recent</b>
no fossil record	
<b>PTOCHACARIDAE</b> Kethley, 1979 .....	<b>Recent</b>
no fossil record	
<b>MONOGYNASPIDA</b> author, date? (infrorder) .....	<b>Palaeogene – Recent</b>
<b>MICROGYNIINA</b> Trägårdh, 1942 (cohort) .....	<b>Recent</b>
<b>MICROGYNIOIDEA</b> Trägårdh, 1942 .....	<b>Recent</b>
<b>MICROGYNIIDAE</b> Trägårdh, 1942 .....	<b>Recent</b>
= MICROSEJIDAE Trägårdh, 1942	
no fossil record	
<b>NOTHOGYNIDAE</b> Walter & Kranz, 1999 .....	<b>Recent</b>
no fossil record	
<b>HEATHERELLINA</b> author, date? (cohort) .....	<b>Recent</b>
<b>HEATHERELLOIDEA</b> Walter, 1997 .....	<b>Recent</b>
<b>HEATHERELLIDAE</b> Walter, 1997 .....	<b>Recent</b>
no fossil record	
<b>UROPODINA</b> Kramer, 1881 (cohort) .....	<b>Quaternary – Recent</b>
<b>UROPODIAE</b> author, date? (subcohort) .....	<b>Quaternary – Recent</b>
<b>PROTODINYCHOIDEA</b> Evans, 1957 .....	<b>Recent</b>
<b>PROTODINYCHIDAE</b> Evans, 1957 .....	<b>Recent</b>
no fossil record	
<b>THINOZERCONOIDEA</b> Halbert, 1915 .....	<b>Recent</b>
<b>THINOZERCONIDAE</b> Halbert, 1915 .....	<b>Recent</b>
no fossil record	
<b>POLYASPIDOIDEA</b> Berlese, 1913 .....	<b>Recent</b>
<b>DITHINOZERCONIDAE</b> Ainscough, 1979 .....	<b>Recent</b>
no fossil record	
<b>POLYASPIDIDAE</b> Berlese, 1913 .....	<b>Recent</b>
no fossil record	
<b>TRACHYTIDAE</b> Trägårdh, 1938 .....	<b>Recent</b>
no fossil record	

<b>UROPODOIDEA</b> Kramer, 1881 .....	<b>Quaternary – Recent</b>
<b>CIRCOCYLLIBAMIDAE</b> Sellnick, 1926 .....	<b>Recent</b>
no fossil record	
<b>DERAIOPHORIDAE</b> Trägårdh, 1952 .....	<b>Recent</b>
no fossil record	
<b>DINYCHIDAE</b> Berlese, 1916 .....	<b>Recent</b>
no fossil record	
<b>DISCOURELLIDAE</b> Baker & Wharton, 1952 .....	<b>Recent</b>
no fossil record	
<b>MACRODINYCHIDAE</b> Hirschmann, 1979 .....	<b>Recent</b>
no fossil record	
<b>METAGYNURIDAE</b> Balogh, 1943 .....	<b>Recent</b>
no fossil record	
<b>NENTERIIDAE</b> Hirschmann, 1979 .....	<b>Recent</b>
no fossil record	
<b>OPLITIDAE</b> Johnston, 1968 .....	<b>Recent</b>
no fossil record	
<b>TREMATURIDAE</b> Berlese, 1917 .....	<b>Recent</b>
= <b>TREMATURELLIDAE</b> Trägårdh, 1944	
no fossil record	
<b>TRIGONUPODIDAE</b> Hirschmann <i>in</i> Wisniewski, 1979 .....	<b>Recent</b>
no fossil record	
<b>UROACTINIDAE</b> Hirschmann & Zirngiebl-Nicol, 1964 .....	<b>Recent</b>
no fossil record	
<b>URODINYCHIDAE</b> Berlese, 1917 .....	<b>Recent</b>
no fossil record	
<b>UROPODIDAE</b> Kramer, 1881 .....	<b>Quaternary – Recent</b>
<b><i>Oodinychus</i></b> Berlese, 1918 .....	<b>Quaternary – Recent</b>
? <i>Oodinychus</i> sp. <i>in</i> Ramsay (1960) .....	Qt New Zealand
<b>TRACHYUROPODOIDEA</b> Berlese, 1917 .....	<b>Recent</b>

<b>TRACHYUROPODIDAE</b> Berlese, 1917 .....	<b>Recent</b>
no fossil record	
<b>DIARTHROPHALLIAE</b> Trägårdh, 1946 (subcohort) .....	<b>Recent</b>
<b>DIARTHROPHALLOIDEA</b> Trägårdh, 1946 .....	<b>Recent</b>
<b>DIARTHROPHALLIDAE</b> Trägårdh, 1946 .....	<b>Recent</b>
no fossil record	
<b>HETEROZERCONINA</b> author, date? (cohort) .....	<b>Recent</b>
<b>HETEROZERCONOIDEA</b> Berlese, 1892 .....	<b>Recent</b>
<b>DISCOZERCONIDAE</b> Berlese, 1910 .....	<b>Recent</b>
no fossil record	
<b>HETEROZERCONIDAE</b> Berlese, 1892 .....	<b>Recent</b>
no fossil record	
<b>GAMASINA</b> author, date? (cohort) .....	<b>Palaeogene – Recent</b>
<b>EPICRIIAE</b> Vitzthum, 1938 (subcohort) .....	<b>Neogene – Recent</b>
<b>EPICRIOIDEA</b> Berlese, 1885 .....	<b>Recent</b>
<b>EPICRIIDAE</b> Berlese, 1885 .....	<b>Recent</b>
no fossil record	
<b>ZERCONOIDEA</b> Berlese, 1892 .....	<b>Neogene – Recent</b>
<b>COPROZERCONIDAE</b> Moraza & Lindquist, 1999 .....	<b>Recent</b>
no fossil record	
<b>ZERCONIDAE</b> Berlese, 1892 .....	<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</b> author, date? (subcohort) .....	<b>Recent</b>
<b>ARCTACAROIDEA</b> Evans, 1955 .....	<b>Recent</b>
<b>ARCTACARIDAE</b> Evans, 1955 .....	<b>Recent</b>
no fossil record	
<b>PARASITIAE</b> Reuter, 1909 (subcohort) .....	<b>Palaeogene – Recent</b>
<b>PARASITOIDEA</b> Oudemans, 1901 .....	<b>Palaeogene – Recent</b>
<b>PARASITIDAE</b> Oudemans, 1901 .....	<b>Palaeogene – Recent</b>
<i>Aclerogamasus</i> Athias, 1971 .....	<b>Palaeogene – Recent</b>
14. <i>Aclerogamasus stenocornis</i> Witaliński, 2000 .....	Pa Baltic amber
<b>DERMANYSSIAE</b> author, date? (subcohort) .....	<b>Neogene – Recent</b>

<b>VEIGAIIDEA</b> Oudemans, 1939 .....	<b>Recent</b>
<b>VEIGAIIDAE</b> Oudemans, 1939 .....	<b>Recent</b>
= <b>GAMASOLAEELAPTIDAE</b> Oudemans, 1939	
no fossil record	
<b>RHODACAROIDEA</b> Oudemans, 1902 .....	<b>Neogene – Recent</b>
<b>DIGAMASELLIDAE</b> Evans, 1954 ...[not 57?].....	<b>Neogene – Recent</b>
<b><i>Dendrolaelaps</i></b> Halbert, 1915 .....	<b>Neogene – Recent</b>
15. <i>Dendrolaelaps fossilis</i> Hirschman, 1971 .....	Ne Chiapas amber
<b>EURYPARASITIDAE</b> d'Antony, 1987 .....	<b>Recent</b>
no fossil record	
<b>GAMASIPHIDAE</b> author, date? .....	<b>Recent</b>
no fossil record	
<b>LAELAPTONYSSIDAE</b> Womersley, 1956 .....	<b>Recent</b>
no fossil record	
<b>OLOGAMASIDAE</b> Ryke, 1962 .....	<b>Recent</b>
no fossil record	
<b>PANTENIPHIDIDAE</b> d'Antony, 1987 .....	<b>Recent</b>
no fossil record	
<b>RHODACARIDAE</b> Oudemans, 1902 .....	<b>Recent</b>
no fossil record	
<b>EVIPHIDOIDEA</b> Berlese, 1913 .....	<b>Quaternary–Recent</b>
<b>EVIPHIDIDAE</b> Berlese, 1913 .....	<b>Recent</b>
no fossil record	
<b>MACROCHELIDAE</b> Vitzthum, 1930 .....	<b>Quaternary–Recent</b>
<b><i>Macrocheles</i></b> Latreille, 1829 .....	<b>Quaternary–Recent</b>
<i>Macrocheles</i> sp. in Ramsay (1960) .....	Qt New Zealand
<b>MEGALOLAELAPIDAE</b> author, date? .....	<b>Recent</b>
no fossil record	
<b>PACHYLAELAPIDAE</b> Berlese, 1913 .....	<b>Recent</b>
= <b>NEOPARASITIDAE</b> Oudemans, 1939	
= <b>BULBOGAMASIDAE</b> Gu, Wang & Duan, 1991	
no fossil record	

<b>PARHOLASPIDIDAE Evans, 1956</b> .....	<b>Recent</b>
no fossil record	
<b>ASCOIDEA Oudemans, 1905</b> .....	<b>Quarternary – Recent</b>
<b>AMEROSEIIDAE Evans in Hughs, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>ASCIDAE Oudemans, 1905</b> ...[or Voigts & Oudemans ?].....	<b>Recent</b>
no fossil record	
<b>HALOLAELAPIDAE Karg, 1965</b> .....	<b>Recent</b>
no fossil record	
<b>PODOCINIDAE Berlese, 1913</b> .....	<b>Quarternary – Recent</b>
Podocinidae sp. <i>in</i> Aoki (1974) .....	Qt Mizunami copal
<b>PHYTOSEIOIDEA Berlese, 1916</b> .....	<b>Recent</b>
<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	

- HISTRICHONYSSIDAE Keegan, Yunker & Baker, 1960** ..... **Recent**  
no fossil record
- IXODORHYNCHIDAE Ewing, 1923** ..... **Recent**  
no fossil record
- LAELAPIDAE Berlese, 1892** ..... **Recent**  
no fossil record
- LARVAMIMIDAE Elzinga, 1993** ..... **Recent**  
no fossil record
- LEPTOLAELAPIDAE Karg, 1978** ..... **Recent**  
no fossil record
- MACRONYSSIDAE Oudemans, 1936** ..... **Recent**  
no fossil record
- MANITHERIONYSSIDAE Radovsky & Yunker, 1971** ..... **Recent**  
no fossil record
- OMENTOLAELAPTIDAE Fain, 1961** ..... **Recent**  
no fossil record
- PNEUMOPHIONYSSIDAE Fonseca, 1940** ..... **Recent**  
no fossil record
- RAILLIETIIDAE Vitzthum, 1942** ..... **Recent**  
no fossil record
- RHINONYSSIDAE Trouessart, 1895** ..... **Recent**  
no fossil record
- SPELAEORHYNCHIDAE Oudemans, 1902** ..... **Recent**  
no fossil record
- SPINTURNICIDAE Oudemans, 1902** ..... **Recent**  
no fossil record
- TRICHOASPIDIDAE Gu, Wang & Li, 1991** ..... **Recent**  
no fossil record
- VARROIDAE Delfinado & Baker, 1974** ..... **Recent**



no fossil record

c. 12,500 Recent species

## ACARIFORMES

293 currently valid species of fossil acariform mite

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

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

= ACTINOTRICHIDA author, date?

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

**SPHAEROLICHIDA author, date? (infraorder)** ..... Recent

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

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

= HYBALICIDAE Theron, 1974

no fossil record

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

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

no fossil record

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

**LABIDOSTOMATIDES author, date? (supercohort)** ..... Recent

**LABIDOSTOMMATOIDEA Oudemans, 1906** ..... Recent

**LABIDOSTOMMATIDAE Oudemans, 1906** ..... Recent

= NICOLETIELLIDAE Canestrini, 1891

no fossil record

**EUPODIDES author, date? (supercohort)** ..... Devonian – Recent

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

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

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

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

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

4. <i>Bdella vetusta</i> Ewing, 1937 .....	K Manitobian amber
<b><i>Bdellodes</i> Oudemans, 1937 .....</b>	<b>Palaeogene – Recent</b>
5. <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>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>Palaogene – Recent</b>
<b><i>Penthalodes</i> Murray, 1877 .....</b>	<b>Palaeogene – Recent</b>
6. <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>
7. <i>Zachardia flexipes</i> Judson & Wunderlich, 2003 .....	Pa Baltic amber
<b>STRANDTMANNIIDAE Zacharda, 1979 .....</b>	<b>Recent</b>

no fossil record

**TYDEOIDEA Kramer, 1877** ..... Devonian – Recent

**ERYNETIDAE Oudemans, 1931** ..... Recent

= MICROEREUNETIDAE Bottazzi, 1950

no fossil record

**IOLINIDAE Pritchard, 1956** ..... Recent

no fossil record

**TRIOPHYTYDEIDAE author, date?** ..... Recent

= MEYERELLIDAE André, 1979

no fossil record

**TYDEIDAE Kramer, 1877** ..... Devonian – Recent

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

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

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

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

**ERIOPHYOIDEA Nalepa, 1898** ..... ?Palaeogene – Recent

= TETRAPODILI author, date?

**DIPTILOMIOPIIDAE Keifer, 1944** ..... Recent

no fossil record

**ERIOPHYIDAE Nalepa, 1898** ..... ?Palaeogene – Recent

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

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

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

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

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

**PHYTOPTIDAE Murray, 1877** ..... Neogene – Recent

= NALEPELLIDAE Roivainen, 1953

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

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

**ANYSTIDES author, date? (supercohort)** ..... Cretaceous – Recent

**ANYSTINA author, date? (cohort)** ..... Cretaceous – Recent

**CAECULOIDEA Berlese, 1883** ..... Paleogene – Recent

**CAECULIDAE Berlese, 1883** ..... Paleogene – Recent

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

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

no fossil record

<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>
21. <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>
22. <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>
23. <i>Balaustium illustris</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>Erythraeus Latrielle, 1806</b> .....	<b>Paleogene – Recent</b>
24. <i>Erythraeus bifrons</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
25. <i>Erythraeus foveolatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
26. <i>Erythraeus hirsutus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
27. <i>Erythraeus lagopus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
28. <i>Erythraeus longipes</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
29. <i>Erythraeus proavus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
30. <i>Erythraeus procerus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
31. <i>Erythraeus raripilus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
32. <i>Erythraeus rostratus</i> (Menge <i>in</i> C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
33. <i>Erythraeus saccatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>Leptus Latrielle, 1796</b> .....	<b>Paleogene – Recent</b>
34. <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>
35. <i>Proterythraeus southcotti</i> Vercammen-Grandjean, 1973* .....	K Manitoba amber
<b>SMARIDIDAE Vitzthum, 1929</b> .....	<b>Paleogene – Recent</b>
Smarididae <i>in</i> Kulicka (1990) .....	Pa Baltic amber
<b>TROMBIDIAE author, date? (subcohort)</b> .....	<b>Creteaceous – Recent</b>
<b>trombidiid mites?</b>	
36. <i>Megameropsis aquensis</i> Gourret, 1887 .....	Pa Aix-en-Provence
37. <i>Pseudopachygnathus maculatus</i> Gourret, 1887 .....	Pa Aix-en-Provence
<b>TANAUPODOIDEA Thor, 1935</b> .....	<b>Creteaceous – Recent</b>

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

**LEEUWENHOEKIIDAE Womersley, 1944** ..... **Recent**

no fossil record

**TROMBELLIDAE Leach, 1815** ..... **Recent**

no fossil record

**TROMBICULIDAE Ewing, 1929** ..... **Recent**

= VATACARIDAE Southcott, 1957

no fossil record

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

= HYDRACHNIDIA author, date?

= HYDRACHNELLAE author, date?

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

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

no fossil record

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

no fossil record

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

= DIPLODONTIDAE Lundblad, 1927

no fossil record

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

= PROTZIIDAE Viets, 1926

no fossil record

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

= CHATHROSPERCHONIDAE Lundblad, 1936

no fossil record

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

no fossil record

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

no fossil record

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

no fossil record



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

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

= NEOTORRENTICOLIDAE Lundblad, 1936

= EPALLAGOPODIDAE Viets, 1953

no fossil record

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

no fossil record

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

= CURVIPEDIDAE Thor, 1900

= ACERCIDAE Thor, 1909

= FORELIIDAE Thor, 1923

= NAUTARACHNIDAE Walter, 1925

= HYDROCHOREUTIDAE Viets, 1942

no fossil record

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

no fossil record

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

= ATRACIDAE Thor, 1900

= NEUMANIIDAE Thor, 1923

no fossil record

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

no fossil record

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

**Family uncertain**

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

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

**ACALYPTONOTIDAE Walter, 1911** ..... **Recent**

no fossil record

**AMOENACARIDAE Smith & Cook, 1997** ..... **Recent**

no fossil record

**ARENOHYDRACARIDAE Cook, 1974** ..... **Recent**

no fossil record

**ARRENURIDAE Thor, 1900** ..... **Recent**

no fossil record

**ATHIENEMANNIIDAE Viets, 1922** ..... **Recent**

= CHELOMIDEOPSIDAE Lundblad, 1962

no fossil record

**BOGATIIDAE Motas & Tanasachi, 1938** ..... **Recent**

no fossil record

**CHAPPUISIDIDAE Motas & Tanasachi, 1946** ..... **Recent**

no fossil record

**GRETACARIDAE Viets, 1978** ..... **Recent**

no fossil record

**HARPAGOPALPIDAE Viets, 1924** ..... **Recent**

no fossil record

**HUNGAROHYDRACACARIDAE Motas & Tanasachi, 1959** ..... **Recent**

no fossil record

**KANTACARIDAE Imamura, 1959** ..... **Recent**

no fossil record

**KRENDOWSKIIDAE Viets, 1926** ..... **Recent**

no fossil record

**LAVERSIIDAE Cook, 1955** ..... **Recent**

no fossil record

**MIDEIDAE Thor, 1911a** ..... **Recent**

no fossil record

**MIDEOPSIDAE Koenicke, 1910** ..... **Recent**

= NUDOMIDEOPSIDAE Smith, 1990

no fossil record

**MOMONIIDAE Viets, 1926** ..... **Recent**

= STYGOMOMONIDAE Szalay, 1943

no fossil record

**NEOACARIDAE Motas & Tanasachi, 1947** ..... **Recent**

no fossil record

**NIPPONACARIDAE Imamura, 1959** ..... **Recent**

no fossil record

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

<b>RAPHIGNATHIDAE</b> Kramer, 1877 .....	<b>Recent</b>
no fossil record	
<b>STIGMAEIDAE</b> Oudemans, 1931 .....	<b>Recent</b>
no fossil record	
<b>XENOCALIGONELLIDIDAE</b> Gonzalez, 1978 .....	<b>Recent</b>
no fossil record	
<b>TETRANYCHOIDEA</b> Donnadieu, 1876 .....	<b>Palaeogene – Recent</b>
<b>ALLOCHAETOPHORIDAE</b> Reck, 1959 .....	<b>Recent</b>
no fossil record	
<b>LINOTETRANIDAE</b> Baker & Pritchard, 1953 .....	<b>Recent</b>
no fossil record	
<b>TENUIPALPIDAE</b> Berlese, 1913 .....	<b>Recent</b>
no fossil record	
<b>TETRANYCHIDAE</b> Donnadieu, 1876 .....	<b>Palaeogene – Recent</b>
= BRYOBIIDAE Berlese, date?	
<b><i>Metatetranychus</i></b> Oudemans, 1931 .....	<b>Palaeogene – Recent</b>
47. <i>Metatetranychus gibbus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b><i>Schizotetranychus</i></b> Trägårdh, 1915 .....	<b>Palaeogene – Recent</b>
48. <i>Schizotetranychus brevipes</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>TUCKERELLIDAE</b> Baker & Pritchard, 1953 .....	<b>Recent</b>
no fossil record	
<b>CHEYLETOIDEA</b> Leach, 1815 .....	<b>Cretaceous – Recent</b>
<b>CHEYLETIDAE</b> Leach, 1815 .....	<b>Cretaceous – Recent</b>
<b><i>Cheyletus</i></b> Latreille, 1796 .....	<b>Cretaceous – Recent</b>
49. <i>Cheyletus burmiticus</i> Cockerell, 1917b .....	K Myanmar amber
50. <i>Cheyletus portentosus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>CLOACARIDAE</b> Camin, Moss, Oliver & Singer, 1967 .....	<b>Recent</b>
no fossil record	
<b>DEMODECIDAE</b> Nicolet, 1855 .....	<b>Recent</b>
no fossil record	
<b>EPIMYODICIDAE</b> author, date? .....	<b>Recent</b>

no fossil record

**HARPYRHYNCHIDAE** Dubinin, 1957 ..... **Recent**

no fossil record

**OPHIOPTIDAE** Southcott, 1956 ..... **Recent**

no fossil record

**PSORERGATIDAE** Dubinin *in* Bregatova *et al.*, 1955 ..... **Recent**

no fossil record

**SYRINGOPHILIDAE** Laviopierre, 1953 ..... **Recent**

no fossil record

**HETEROSTIGMATINA** Berlese, 1899 (cohort) ..... **Cretaceous – Recent**

**TARSOCHEYLOIDEA** Atyeo & Baker, 1964 ..... **Recent**

**TARSOCHEYLIDAE** Atyeo & Baker, 1964 ..... **Recent**

no fossil record

**HETEROCHEYLOIDEA** Trägårdh, 1950 ..... **Recent**

**HETEROCHEYLIDAE** Trägårdh, 1950 ..... **Recent**

no fossil record

**DOLICHOCYBOIDEA** Mahunka, 1970 ..... **Recent**

**CROTALOMORPHIDAE** Lindquist & Kranz, 2002 ..... **Recent**

no fossil record

**DOLICHOCYBIDAE** Mahunka, 1970 ..... **Recent**

no fossil record

**TROCHOMETRIDIOIDEA** Mahunka, 1970 ..... **Recent**

**ATHYREACARIDAE** Lindquist Kaliszewski & Rack, 1990 ..... **Recent**

= **BEMBIDIACARIDAE** Khuastov, 2000

no fossil record

**TROCHOMETRIDIIDAE** Mahunka, 1970 ..... **Recent**

no fossil record

**SCUTACAROIDEA** Oudemans, 1916 ..... **Recent**

**MICRODISPIDAE** Cross, 1965 ..... **Recent**

no fossil record

**SCUTACARIDAE** Oudemans, 1916 ..... **Recent**

no fossil record

**PYGEMEPHOROIDEA Cross, 1965** ..... **Palaeogene – Recent**  
*Pygmephoroides* sp. *in* Magowski (1995) ..... Pa Baltic amber

**PYGMEPHORIDAE Cross, 1965** ..... **Recent**  
 no fossil record

**SITEROPTIDAE Mahunka, 1970** ..... **Recent**  
 no fossil record

**PYEMOTOIDEA Oudemans, 1937** ..... **Cretaceous – Recent**  
**ACAROPHENACIDAE Cross, 1965** ..... **Cretaceous – Recent**  
 † *Protophenax* Magowski, 1994 ..... **Cretaceous**  
 51. *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**  
 52. *Pyemotes primus* Khaustov & Perkovsky, 2010 ..... Pa Rovno amber

**RESINACARIDAE Mahunka, 1975** ..... **Cretaceous – Recent**  
*Protoresinacaris* Khaustov & Poinar, 2010 ..... **Cretaceous**  
 53. *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

**SARCOPTIFORMES author, date? (suborder)** ..... **Devonian – Recent**  
**ENDEOSTIGMATA author, date? (infraorder)** ..... **Devonian – Recent**  
 = PACHYGNATHINA author, date?

**ALYCINA author, date? (cohort)**  
**ALYCOIDEA Canestrini & Fanzago, 1877** ..... **Devonian – Recent**  
**ALYCIDAE Canestrini & Fanzago, 1877** ..... **Devonian – Recent**  
 = PACHYGNATHIDAE Kramer, 1877



= BIMICHAELIIDAE Womersley, 1944

- † **Protacarus Hirst, 1923** ..... **Devonian**  
 54. *Protacarus crani* Hirst, 1923\* ..... D Rhyrie chert
- GRANDJEANICIDAE Kethley, 1977a** ..... **Recent**  
 no fossil record
- MICROPSAMMIDAE Coineau & Theorn, 1983** ..... **Recent**  
 no fossil record
- NANORCHESTIDAE Grandjean, 1937** ..... **Devonian – Recent**  
 † **Protospeleorchestes Dubinin, 1962** ..... **Devonian – Recent**  
 55. *Protospeleorchestes pseudoprotacarus* Dubinin, 1962\* ..... D Rhyrie chert
- NEMATALYCINA author, date? (cohort)** ..... **Recent**  
**NEMATALYCOIDEA Strenke, 1954** ..... **Recent**  
**NEMATALYCIDAE Strenke, 1954** ..... **Recent**  
 no fossil record
- PROTONEMATALYCIDAE Kethley, 1989** [superfamily correct?] ..... **Recent**  
 no fossil record
- TERPNACARINA author, date? (cohort)** ..... **Recent**  
**OEHSERCHESTOIDEA Kethley, 1977a** ..... **Recent**  
**OEHSERCHESTIDAE Kethley, 1977a** ..... **Recent**  
 no fossil record
- TERPNACAROIDEA Grandjean, 1939** ..... **Recent**  
**TERPNACARIDAE Grandjean, 1939** ..... **Recent**  
 no fossil record
- ALICORHAGIINA author, date? (cohort)** ..... **Devonian – Recent**  
**ALICORHAGIOIDEA Grandjean, 1939** ..... **Devonian – Recent**  
**ALICORHAGIIDAE Grandjean, 1939** ..... **Devonian – Recent**  
 † **Archaeacarus Kethley & Norton in Kethley et al., 1989** ..... **Devonian**  
 56. *Archaeacarus dubinini* Kethley & Norton in Kethley et al., 1989\* ..... D Gilboa  
 † **Pseudoprotacarus Dubinin, 1962** ..... **Devonian**  
 57. *Pseudoprotacarus scoticus* Dubinin, 1962\* ..... D Rhyrie chert
- ORIBATIDA Dugès, 1834 (infraorder)** ..... **Devonian – Recent**  
 = CRYPTOSTIGMATA author, date?

NB: see remarks on the Ordovician fossil above

<b>PALAEOSOMATA Grandjean, 1969 (supercohort)</b> .....	<b>Devonian–Recent</b>
family uncertain	
† <i>Marcvipeda</i> Perez-DA, 1988 .....	<b>Palaeogene</b>
58. <i>Marcvipeda magallanes</i> Perez-DA, 1988* .....	Pa Chile
<b>ACARONYCHOIDEA Grandjean, 1932</b> .....	<b>Recent</b>
<b>ACARONYCHIDAE Grandjean, 1932b</b> .....	<b>Recent</b>
no fossil record	
<b>ARCHAEONOTHRIDAE Grandjean, 1932</b> .....	<b>Recent</b>
no fossil record	
<b>CTENACAROIDEA Grandjean, 1954c</b> .....	<b>Devonian – Recent</b>
<b>ADELPHACARIDAE Grandjean, 1954c</b> .....	<b>Carbon. – Recent</b>
† <i>Monoaphelacarus</i> Subías & Arillo, 2002 .....	<b>Carboniferous</b>
59. <i>Monoaphelacarus carboniferus</i> Subías & Arillo, 2002* .....	C County Antrim
<b>APHELACARIDAE Grandjean, 1954c</b> .....	<b>Recent</b>
no fossil record	
<b>CTENACARIDAE Grandjean, 1954b</b> .....	<b>Devonian – Recent</b>
† <i>Ctenacaronychus</i> Subías & Arillo, 2002 .....	<b>Devonian</b>
60. <i>Ctenacaronychus nortoni</i> Subías & Arillo, 2002* .....	D New York
† <i>Palaeoctenacarus</i> Subías & Arillo, 2002 .....	<b>Carboniferous</b>
61. <i>Palaeoctenacarus simmsoi</i> Subías & Arillo, 2002* .....	C County Antrim
<b>PALAEACAROIDEA Grandjean, 1932b</b> .....	<b>Recent</b>
<b>PALAEACARIDAE Grandjean, 1932b</b> .....	<b>Recent</b>
no fossil record	
<b>ENARTHRONOTA Grandjean, 1947b (supercohort)</b> .....	<b>Devonian – Recent</b>
superfamily uncertain	
† <b>DEVONACARIDAE</b> Norton <i>in</i> Norton <i>et al.</i> , 1988 .....	<b>Devonian – Recent</b>
† <i>Devonacarus</i> Norton <i>in</i> Norton <i>et al.</i> , 1988 .....	<b>Devonian – Recent</b>
62. <i>Devonacarus sellnicki</i> Norton <i>in</i> Norton <i>et al.</i> , 1988* .....	D Gilboa
† <b>PROTOCHTHONIIDAE</b> Norton <i>in</i> Norton <i>et al.</i> , 1988 .....	<b>Devonian – Recent</b>
† <i>Protochthonius</i> Norton <i>in</i> Norton <i>et al.</i> , 1988 .....	<b>Devonian – Recent</b>
63. <i>Protochthonius gilboa</i> Norton <i>in</i> Norton <i>et al.</i> , 1988* .....	D Gilboa

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

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

**EPILOHMANNIOIDEA Oudemans, 1923** ..... **Recent**

**EPILOHMANNIIDAE Oudemans, 1923** ..... **Recent**

= LESSIRIIDAE Oudemans, 1916

no fossil record

**COLLOHMANNIOIDEA Grandjean, 1958a** ..... **Paleogene – Recent**

**COLLOHMANNIIDAE Grandjean, 1958a** ..... **Paleogene – Recent**

**Collohmanna Sellnick, 1922** ..... **Paleogene – Recent**

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

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

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

**EUPYCTIMA Grandjean, 1967** ..... **Palaeogene – Recent**

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

**EUPHTHIRACAROIDEA Jacot, 1930** ..... **Palaeogene – Recent**

**EUPHTHIRACARIDAE Jacot, 1930** ..... **Palaeogene – Recent**

**Microtrititia Märkel, 1964** ..... **Quaternary – Recent**

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

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

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

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

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

= SABAHRITIIDAE Mahunka, 1987

**Oribotrititia Jacot, 1924** ..... **Palaeogene – Recent**

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

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

**SYNICHOTRITIIDAE Walker, 1965** ..... **Recent**

no fossil record

**PHTHIRACAROIDEA Perty, 1841** ..... **Palaeogene – Recent**

**PHTHIRACARIDAE Perty, 1841** ..... **Palaeogene – Recent**

= STEGANACARIDAE Niedbala, 1986

**Hoplophthiacarus Jacot, 1933** ..... **Quaternary – Recent**

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

**Phthiacarus Perty, 1841** ..... **Palaeogene – Recent**

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

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

<b>Steganacarus Ewing, 1917</b> .....	<b>Quaternary – Recent</b>
79. <i>Steganacarus applicatus</i> (Sellnick, 1920) [Recent] .....	Qt Denmark
80. <i>Steganacarus carinatus</i> (C. L. Koch, 1841) [Recent] .....	Qt Finland
81. <i>Steganacarus striculus</i> (C. L. Koch, 1835) [Recent] .....	Qt Europe
<i>Steganacarus</i> sp. ....	Qt Finland
<b>DESMONOMATA author, date? (supercohort)</b> .....	<b>Jurassic – Recent</b>
<b>NOTHRINA author, date? (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>
82. <i>Camisia foveolata</i> Hammer, 1955 [Recent] .....	Qt western Norway
83. <i>Camisia horrida</i> [Recent] <i>fossilis</i> Sellnick, 1919 .....	Pa Baltic amber
i. = <i>Nothrus kuehli</i> Karsch, 1884 .....	Pa Baltic amber
NB: unclear why the older name is the synonym	
84. <i>Camisia invenusta</i> (Michael, 1888) [Recent] .....	Qt western Norway
85. <i>Camisia lapponica</i> Trägårdh, 1910 [Recent] .....	Qt Karelia, Russia
† <b>Eocamisia Bulanova-Zachvatkina, 1974</b> .....	<b>Cretaceous</b>
86. <i>Eocamisia sukatshevae</i> Bulanova-Zachvatkina, 1974* .....	K Siberian amber
<b>Platynothrus Berlese, 1913</b> .....	<b>Quaternary – Recent</b>
87. <i>Platynothrus peltifer</i> (C. L. Koch, 1839) [Recent] .....	Qt Greenland
88. <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>
89. <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>
90. <i>Hermannia gibba</i> (C. L. Koch, 1839) [Recent] .....	Qt Finland
91. <i>Hermannia reticulata</i> Thorell, 1871 [Recent] .....	Qt Subarctic – Arctic
92. <i>Hermannia scabra</i> (L. Koch, 1879) [Recent] .....	Qt Greenland
93. <i>Hermannia sellnicki</i> Norton, 2006 .....	Pa Baltic amber
<b>MALACONOTHRIDAE Berlese, 1916</b> .....	<b>Quaternary – Recent</b>
<b>Malaco-nothrus Berlese, 1904</b> .....	<b>Quaternary – Recent</b>
94. <i>Malaco-nothrus monodactylus</i> (Michael, 1888) [Recent] .....	Qt Europe
<b>Trimalaco-nothrus Berlese, 1916</b> .....	<b>Quaternary – Recent</b>

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

**superfamily uncertain**

<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>
111. <i>Hermanniella concamerata</i> Sellnick, 1931 .....	Pa Baltic amber
112. <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>Liodes</i> von Heyden, 1826</b> .....	<b>Neogene – Recent</b>
113. <i>Liodes brevitarsus</i> (Woolley, 1971) .....	Ne Chiapas amber
<i>Liodes</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b><i>Neoliodes</i> Berlese, 1888</b> .....	<b>Palaeogene – Recent</b>
114. <i>Neoliodes dominicus</i> Heethoff, Helfen & Norton, 2009 .....	Ne Dominican amber
115. <i>Neoliodes quadriscutatus</i> Sellnick, 1919 .....	Pa Baltic amber
<b><i>Platyliodes</i> Berlese, 1917</b> .....	<b>Palaeogene – Recent</b>
116. <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>
117. <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>
118. <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>
119. <i>Belba compta</i> (Kulczynski, 1902) <b>[Recent]</b> .....	Qt western Norway
120. <i>Belba cornyops</i> (Hermann, 1804)* <b>[Recent]</b> .....	Qt Finland
† <b><i>Belbites</i> Pampaloni, 1902</b> .....	<b>Neogene</b>
121. <i>Belbites disodilis</i> Pampaloni, 1902* .....	Ne? Sicily
<b><i>Damaeobelba</i> Sellnick, 1928</b> .....	<b>Quaternary – Recent</b>
122. <i>Damaeobelba minutissima</i> (Sellnick, 1920) <b>[Recent]</b> .....	Qt Germany
<b><i>Damaeus</i> C. L. Koch, 1835</b> .....	<b>Paleogene – Recent</b>
123. <i>Damaeus auritus</i> C. L. Koch, 1835* <b>[Recent]</b> .....	Qt Finland
124. <i>Damaeus genadensis</i> Sellnick, 1931 .....	Pa Baltic amber
<b><i>Spatiodamaeus</i> Bulanova-Zachvatkina, 1967</b> .....	<b>Quaternary – Recent</b>
125. <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>
126. <i>Cepheus cepheiformis</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt Finland
127. <i>Cepheus dentatus</i> (Michael, 1888) <b>[Recent]</b> .....	Qt Finland
128. <i>Cepheus implicatus</i> (Sellnick, 1919) .....	Pa Baltic amber
129. <i>Cepheus latus</i> C. L. Koch, 1835* <b>[Recent]</b> .....	Qt Finland
<b>Eupterotegaeus Berlese, 1916</b> .....	<b>Cretaceous – Recent</b>
130. <i>Eupterotegaeus bitranslamellatus</i> Arillo & Subías, 2002 .....	K Álava amber
<b>Ommatocepheus Berlese, 1913</b> .....	<b>Cretaceous – Recent</b>
131. <i>Ommatocepheus nortoni</i> Arillo, Subías & Shtanchaeva, 2008 .....	K Álava amber
<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 Pfiffli, 1972</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 Pfiffli, 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	
<b>AMEROIDEA Bulanova-Zachvatkina, 1957</b> .....	<b>Palaeogene – Recent</b>
= AMEROBELBOIDEA Grandjean, 1954b	
= CALEREMEIOIDEA Grandjean, 1965c	

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

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

no fossil record

**PELOPPIIDAE Balogh, 1943** ..... **Paleogene – Recent**

**Ceratoppia Berlese, 1908** ..... **Paleogene – Recent**

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

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

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

**TENUIALIDAE Jacot, 1929** ..... **Quaternary – Recent**

**Hafenrefferia Oudemans, 1906** ..... **Quaternary – Recent**

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

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

= OCTOCEPHOIDEA Balogh, 1961

**CARABOCEPHEIDAE Mahunka, 1986** ..... **Recent**

no fossil record

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Odontocepheus Berlese, 1913** ..... **Quaternary – Recent**

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

**DAMPFIELLIDAE Balogh, 1961** ..... **Recent**

no fossil record

**NIPPOBODIDAE Aoki, 1959** ..... **Recent**

no fossil record

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

no fossil record

<b>OPPIIDAE Grandjean, 1951</b> .....	<b>Palaeogene – Recent</b>
<i>Dissorhina</i> Hull, 1916 .....	<b>Quaternary – Recent</b>
166. <i>Dissorhina ornata</i> (Oudemans, 1900)* <b>[Recent]</b> .....	Qt Germany
<b>Oppia</b> C. L. Koch, 1836 .....	<b>Palaeogene – Recent</b>
167. <i>Oppia angustum</i> (Sellnick, 1931) .....	Pa Baltic amber
168. <i>Oppia cervicornu</i> (Sellnick, 1919) .....	Pa Baltic amber
169. <i>Oppites hurdi</i> Woolley, 1971 .....	Ne Chiapas amber
170. <i>Oppia longilamellata</i> <b>[Recent]</b> <i>fossilis</i> (Sellnick, 1931) .....	Pa Baltic amber
171. <i>Oppia medium</i> (Sellnick, 1931) .....	Pa Baltic amber
172. <i>Oppia mexicana</i> (Woolley, 1971) .....	Ne Chiapas amber
173. <i>Oppia setigera</i> (Woolley, 1971) .....	Ne Chiapas amber
174. <i>Oppia sucinum</i> (Sellnick, 1931) .....	Pa Baltic amber
? <i>Oppia</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>Oppiella</b> Jacot, 1937 .....	<b>Quaternary – Recent</b>
175. <i>Oppiella nova</i> (Oudemans, 1902)* <b>[Recent]</b> .....	Qt northern Europe
176. <i>Oppiella ornata</i> (Oudemans, 1900) <b>[Recent]</b> .....	Qt western Norway
177. <i>Oppiella splendens</i> (C. L. Koch, 1841) <b>[Recent]</b> .....	Qt western Norway
178. <i>Oppiella subpectinata</i> (Oudemans, 1900) <b>[Recent]</b> .....	Qt northern Europe
179. <i>Oppiella translamellata</i> (Willmann, 1923) <b>[Recent]</b> .....	Qt northern Europe
† <b>Oppites</b> Pampaloni, 1902 .....	<b>Neogene</b>
180. <i>Oppites melilli</i> Pampaloni, 1902* .....	Ne? Sicily
<b>Ramusella</b> Hammer, 1962 .....	<b>Quaternary – Recent</b>
181. <i>Ramusella clavipectinata</i> (Michael, 1885) <b>[Recent]</b> .....	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

**STERNOPPIIDAE Balogh & Mahunka, 1969** ..... **Recent**

no fossil record

**SUCTOBELBIDAE Jacot, 1938** ..... **Palaeogene – Recent**

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

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

**TERATOPPIIDAE Balogh, 1983** ..... **Recent**

no fossil record

**TETRACONDYLIDAE Aoki, 1961** ..... **Recent**

no fossil record

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

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

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

**TRIZETIDAE Ewing, 1917** ..... **Recent**

no fossil record

**TUPAREZETIDAE Balogh, 1972** ..... **Recent**

no fossil record

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

**TECTOCEPHEIDAE Oudemans, 1900** ..... **Paleogene – Recent**

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

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

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

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

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



194. <i>Hydrozetes confervae</i> (Schrank, 1791) [Recent]	Qt western Norway
195. <i>Hydrozetes lacustris</i> (Michael, 1882)* [Recent]	Qt northern Europe
196. <i>Hydrozetes oryktosis</i> Woolley, 1969	Qt Michigan
<i>Hydrozetes</i> sp. in Sivhead & Wallwork (1978)	J Sweden
<b>LIMNOZETIDAE Thor, 1937</b>	<b>Quaternary – Recent</b>
<b><i>Limnozetes</i> Hull, 1916</b>	<b>Quaternary – Recent</b>
197. <i>Limnozetes ciliatus</i> (Schrank, 1803)* [Recent]	Qt northern Europe
198. <i>Limnozetes rugosus</i> (Sellnick, 1923) [Recent]	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>
199. <i>Ameronothrus lineatus</i> (Thorell, 1871)* [Recent]	Qt Europe / Greenland
200. <i>Ameronothrus maculatus</i> (Michael, 1882) [Recent]	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>CYMBAEREMAEIDAE 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>
201. <i>Ametroproctus valeriae</i> Arillo, Subías & Shtanchaeva, 2009	K San Just amber
<b><i>Cymbaeremaeus</i> Berlese, 1896</b>	<b>Paleogene – Recent</b>
202. <i>Cymbaeremaeus cymba</i> (Nicolet, 1855)* [Recent]	Qt northern Europe
† <b><i>Jureremus</i> Krivolutsky in Krivolutsky &amp; Krasilov, 1977</b>	<b>Jurassic</b>
203. <i>Jureremus foveolatus</i> Krivolutsky in Krivolutsky & Krasilov, 1977*	J Russian far east
204. <i>Jureremus phippsi</i> Selden, Baker & Phipps, 2008	J Yorkshire, UK
<b><i>Scapheremaeus</i> Berlese, 1910</b>	<b>Paleogene – Recent</b>
205. <i>Scapheremaeus undosus</i> Sellnick, 1919	Pa Baltic amber
† <b><i>Tectocymba</i> Sellnick, 1919</b>	<b>Paleogene – Recent</b>
206. <i>Tectocymba rara</i> Sellnick, 1919*	Pa Baltic amber
<b>EREMAEOZETOIDEA Pfiffli, 1972</b>	<b>Paleogene – Recent</b>

= IDIOZETOIDEA Aoki, 1976

<b>EREMAEUZETIDAE Pfiffli, 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>ADHAESUZETIDAE Hammer, 1973</b> .....	<b>Recent</b>
no fossil record	
<b>CHARASSOBATIDAE Grandjean, 1958b</b> .....	<b>Recent</b>
no fossil record	
<b>DENDEROEREMAEIDAE author, date?</b> .....	<b>Recent</b>
no fossil record	
<b>EREMELLIDAE Balogh, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>LAMELLAREIDAE author, date?</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>
207. <i>Licneremaeus fritschi</i> Sellnick, 1931 .....	Pa Baltic amber
208. <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>
209. <i>Micreremus brevipes</i> (Michael, 1888)* <b>[Recent]</b> .....	Qt northern Europe
210. <i>Micreremus reticulatus</i> Sellnick, 1931 .....	Pa Baltic amber
211. <i>Micreremus scrobiculatus</i> Sellnick, 1931 .....	Pa Baltic amber
<b>PASSALUZETIDAE Grandjean, 1954b</b> .....	<b>Quaternary – Recent</b>
<b><i>Passalozetes</i> Grandjean, 1932a</b> .....	<b>Quaternary – Recent</b>
212. <i>Passalozetes africanus</i> Grandjean, 1932a <b>[Recent]</b> .....	Qt Finland
<b>SCUTOVERTICIDAE Grandjean, 1954b</b> .....	<b>Neogene – Recent</b>

<b>Arthrovertex Balogh, 1970</b> .....	<b>Neogene – Recent</b>
213. <i>Arthrovertex hurdi</i> (Woolley, 1971).....	Ne Chiapas amber
<i>Arthrovertex</i> sp. in Norton & Poinar (1993) .....	Ne Dominican amber
<b>Scutovertex Michael, 1879</b> .....	<b>Quaternary – Recent</b>
214. <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>Eupelops Ewing, 1917</b> .....	<b>Palaeogene – Recent</b>
215. <i>Eupelops acromios</i> (Hermann, 1804) <b>[Recent]</b> .....	Qt Finland
216. <i>Eupelops curtipilus</i> (Berlese, 1916) <b>[Recent]</b> .....	Qt Germany
217. <i>Eupelops occultus</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt Kerelia, Russia
218. <i>Eupelops plicatus</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt northern Europe
219. <i>Eupelops punctulatus</i> (Sellnick, 1931) .....	Pa Baltic amber
220. <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>Peloptulus Berlese, 1908</b> .....	<b>Quaternary – Recent</b>
221. <i>Peloptulus phaenotus</i> (C. L. Koch, 1844)* <b>[Recent]</b> .....	Qt Germany
<b>UNDULORIBATIDAE Kunst, 1971</b> .....	<b>Palaeogene – Recent</b>
<b>Scutoribates Sellnick, 1918</b> .....	<b>Palaeogene – Recent</b>
222. <i>Scutoribates perornatus</i> Sellnick, 1918 .....	Pa Baltic amber
<b>Unduloribates Balogh, 1943</b> .....	<b>?Palaeogene – Recent</b>
223. <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>Achipteria Berlese, 1885</b> .....	<b>Jurassic – Recent</b>
224. <i>Achipteria coleoptera</i> (Linnaeus, 1757) <b>[Recent]</b> .....	Qt Finland / Greenland
225. ? <i>Achipteria obscura</i> Krivolutsky in Krivolutsky & Krasilov, 1977 .....	J Russian far east
<b>Parachipteria van der Hammen, 1952</b> .....	<b>Quaternary – Recent</b>
226. <i>Parachipteria punctata</i> (Nicolet, 1855) <b>[Recent]</b> .....	Qt northern Europe
227. <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>Tegoribates Ewing, 1917</b> .....	<b>Quaternary – Recent</b>

228. <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>
229. <i>Oribatella berlesei</i> (Michael, 1898) <b>[Recent]</b> .....	Qt Finland
230. <i>Oribatella calcarata</i> (C. L. Koch, 1835) <b>[Recent]</b> .....	Qt Kerelia, Russia
231. <i>Oribatella mirabilis</i> Sellnick, 1931 .....	Pa Baltic amber
<b>ORIPODOIDEA Jacot, 1925</b> .....	<b>Palaeogene – Recent</b>
<b>CALOPPIIDAE author, date?</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><i>Protoribates</i> Berlese, 1908</b> .....	<b>Palaeogene – Recent</b>
232. <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>
<i>Mochlozetidae</i> sp. <i>in</i> Norton & Poinar (1993) .....	Ne Dominican amber
<b><i>Mochloribatula</i> Mahunka, 1978</b> .....	<b>Neogene – Recent</b>
233. <i>Mochloribatula smithi</i> (Woolley, 1971) .....	Ne Chiapas amber
<b><i>Mochlozetes</i> 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

**NEOTRICHOSZETIDAE Balogh, 1965** ..... **Recent**

no fossil record

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

no fossil record

**ORIBATULIDAE Thor, 1929** ..... **Palaeogene – Recent**

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

**Lucoppia Berlese, 1908** ..... **Palaeogene – Recent**

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

**Oribatula Berlese, 1895** ..... **Quaternary – Recent**

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

**Phauloppia Berlese, 1908** ..... **Palaeogene – Recent**

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

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

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

May be a homonym of a bivalve genus

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

**Zygoribatula Berlese, 1916** ..... **Quaternary – Recent**

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

**ORIPODIDAE Jacot, 1925** ..... **Palaeogene – Recent**

= BIROBATIDAE J. Balogh & P. Balogh, 1984

**Benoibates Balogh, 1958** ..... **Neogene – Recent**

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

**Oripoda Banks, 1904** ..... **Palaeogene – Recent**

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

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

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

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

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

**Neoribates Berlese, 1914** ..... **Palaeogene – Recent**

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

**SCHELORIBATIDAE Grandjean, 1933** ..... **Palaeogene – Recent**

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

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

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

**Schelorbitates Berlese, 1908** ..... **Palaeogene – Recent**

246. <i>Scheloribates apterus</i> Sellnick, 1931 .....	Pa Baltic amber
247. <i>Scheloribates areatus</i> Sellnick, 1931 .....	Pa Baltic amber
248. <i>Scheloribates durhami</i> (Woolley, 1971) .....	Ne Chiapas amber
249. <i>Scheloribates initialis</i> (Berlese, 1908) [Recent] .....	Qt Europe
250. <i>Scheloribates laevigatus</i> (C. L. Koch, 1835) [Recent] .....	Qt northern Europe
251. <i>Scheloribates latipes</i> (C. L. Koch, 1844) [Recent] .....	Qt Europe
252. <i>Scheloribates pallidulus</i> (C. L. Koch, 1841) [Recent] .....	Qt Germany
253. <i>Scheloribates setatus</i> Sellnick, 1931 .....	Pa Baltic amber
<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><i>Grandjeanobates</i> Ramsay, 1967</b> .....	<b>Quaternary – Recent</b>
? <i>Grandjeanobates</i> sp. ....	Qt New Zealand
<b>ZETOMOTRICHIDAE Grandjean, 1954b</b> .....	<b>Recent</b>
no fossil record	
<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><i>Ceratozetes</i> Berlese, 1908</b> .....	<b>Quaternary – Recent</b>
254. <i>Ceratozetes gracilis</i> (Michael, 1884)* [Recent] .....	Qt Finland
255. <i>Ceratozetes minimus</i> Sellnick, 1928 [Recent] .....	Qt Germany
256. <i>Ceratozetes parvulus</i> Sellnick, 1922 [Recent] .....	Qt Germany
<b><i>Diapterobates</i> Grandjean, 1936b</b> .....	<b>Quaternary – Recent</b>
257. <i>Diapterobates notatus</i> (Thorell, 1871) [Recent] .....	Qt Europe / Greenland
<b><i>Edwardzetes</i> Berlese, 1914</b> .....	<b>Quaternary – Recent</b>
258. <i>Edwardzetes edwardsi</i> (Nicolet, 1855)* [Recent] .....	Qt western Norway
<b><i>Fuscozetes</i> Sellnick, 1928</b> .....	<b>Quaternary – Recent</b>
259. <i>Fuscozetes fuscipes</i> (C. L. Koch, 1844)* [Recent] .....	Qt western Norway
<b><i>Melanozetes</i> Hull, 1916</b> .....	<b>Paleogene – Recent</b>
260. <i>Melanozetes foderatus</i> Sellnick, 1931 .....	Pa Baltic amber
261. <i>Melanozetes mollicornus</i> [Recent] <i>fossilis</i> Sellnick, 1931 .....	Pa Baltic amber
262. <i>Melanozetes meridianus</i> Sellnick, 1928 [Recent] .....	Qt Greenland
<i>Melanozetes</i> sp. <i>in</i> Karppinen <i>et al.</i> (1979) .....	Qt Karelia, Russia

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

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



no fossil record

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

no fossil record

**LEMANNIELLIDAE author, date?** ..... **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**

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

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

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

no fossil record

**CARPOGLYPHIDAE Oudemans, 1923** ..... **Recent**

no fossil record

**CHAETODACTYLIDAE Zachvatkin, 1941** ..... **Recent**

no fossil record

**HEMISARCOPTIDAE Oudemans, 1908** ..... **Recent**

no fossil record

**HYADESIIDAE Halbert, 1915** ..... **Recent**

no fossil record

**MELIPONOCOPTIDAE author, date?** ..... **Recent**

no fossil record

**WINTERSCHMIDTIIDAE Oudemans, 1923** ..... **Neogene – Recent**

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

292. *Amphicalvolia hurdi* Türk, 1963\* ..... Ne Chiapas amber

**GLYCOPHAGOIDEA Berlese, date?** ..... **Recent**

**AEROGlyphIDAE Zachvatkin, 1941** ..... **Recent**

no fossil record

**CHORTOGLYPHIDAE Berlese, 1897** ..... **Recent**

no fossil record

- ECHIMYOPODIDAE Fain, 1967a** ..... **Recent**  
no fossil record
- EUGLYCYPHAGIDAE Fain & Phillips, 1977** ..... **Recent**  
no fossil record
- GLYCYPHAGIDAE Berlese, date?** ..... **Recent**  
no fossil record
- PEDETOPODIDAE Fain, date?** ..... **Recent**  
no fossil record
- ROSENSTEINIIDAE Coorman, 1954** ..... **Recent**  
= LOPHONOTACARIDAE Fain, 1987  
= TROGLOTACARIDAE Fain, 1977  
no fossil record
- ACAROIDEA Latreille, 1802** ..... **Neogene – Recent**
- ACARIDAE Latreille, 1802** ..... **Recent**  
[query family placement?]
- † **Tyroglyphites Pampaloni, 1902** ..... **Neogene – Recent**  
293. *Tyroglyphites miocenicus* Pampaloni, 1902\* ..... Ne Sicily
- GAUDIPELLIDAE Atyeo et al., 1974** ..... **Recent**  
= PARTAMONACOPTIDAE author, date?  
= PLATYGLYPHIDAE Kurosa, 1976  
no fossil record
- GLYCACARIDAE Griffiths, 1977** ..... **Recent**  
no fossil record
- LARDOGLYPHIDAE Oudemans, 1877** ..... **Recent**  
no fossil record
- SAPRACARIDAE Fain, 1988** ..... **Recent**  
no fossil record
- SUIDASIIDAE Hughes, 1948** ..... **Recent**  
no fossil record
- TYROGLYPHIDAE Donnadieu, 1868** ..... **Quaternary – Recent**  
*Tyroglyphidae* sp. *in* 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	
<b>CRYPTUROPTIDAE Gaud, Atyeo &amp; Berla, 1972</b> .....	<b>Recent</b>
no fossil record	
<b>EUSTATHIIDAE Oudemans, 1905</b> .....	<b>Recent</b>
no fossil record	
<b>FALCULIFERIDAE Oudemans, 1905</b> .....	<b>Recent</b>
no fossil record	
<b>FREYANIDAE Dubinin, 1953</b> .....	<b>Recent</b>
no fossil record	
<b>GABUCINIIDAE Gaud &amp; Atyeo, 1975</b> .....	<b>Recent</b>
no fossil record	
<b>KIWILICHIDAE Dabert, 1994</b> .....	<b>Recent</b>
no fossil record	
<b>KRAMERELLIDAE Gaud &amp; Mouchet, 1961</b> .....	<b>Recent</b>
no fossil record	
<b>OCHROLICHIDAE Gaud &amp; Atyeo, 1978</b> .....	<b>Recent</b>
no fossil record	
<b>OCONNORIIDAE Gaud, Atyeo &amp; Klompen, 1989</b> .....	<b>Recent</b>
no fossil record	

<b>PTEROLICHIDAE</b> Trouessart & Mégnin, 1884 .....	<b>Recent</b>
no fossil record	
<b>PTILOXENIDAE</b> Gaud, 1982 .....	<b>Recent</b>
no fossil record	
<b>RECTIJANUIDAE</b> Gaud, 1961 .....	<b>Recent</b>
no fossil record	
<b>SYRINGOBIIDAE</b> Trouessart, 1897 .....	<b>Recent</b>
no fossil record	
<b>THORACOSATHESIDAE</b> Gaud & Mouchet, 1959 .....	<b>Recent</b>
no fossil record	
<b>VEXILLARIIDAE</b> Gaud & Mouchet, 1959 .....	<b>Recent</b>
no fossil record	
<b>ANALGOIDEA</b> Trouessart & Mégnin, 1884 .....	<b>Recent</b>
<b>ALLOPTIDAE</b> Gaud, 1957 .....	<b>Recent</b>
no fossil record	
<b>ANALGIDAE</b> Trouessart & Mégnin, 1884 .....	<b>Recent</b>
no fossil record	
<b>APIONACARIDAE</b> Gaud & Atyeo, 1977 .....	<b>Recent</b>
no fossil record	
<b>AVENZOARIIDAE</b> Oudemans, 1905 .....	<b>Recent</b>
no fossil record	
<b>CYTODITIDAE</b> Oudemans, 1908 .....	<b>Recent</b>
no fossil record	
<b>DERMATIONIDAE</b> Fain, 1965 .....	<b>Recent</b>
no fossil record	
<b>DERMOGLYPHIDAE</b> Mégnin & Trouessart, 1884 .....	<b>Recent</b>
no fossil record	
<b>EPIDERMOPTIDAE</b> Trouessart, 1892 .....	<b>Recent</b>
no fossil record	
<b>GAUDOGLYPHIDAE</b> Bruce & Johnston, 1976 .....	<b>Recent</b>

no fossil record

**HETEROPSORIDAE Oudemans, 1908** ..... **Recent**

no fossil record

**KNEMIDOKOPTIDAE Dubinin, 1953** ..... **Recent**

no fossil record

**LAMINOSIOPTIDAE Vitzthum, 1931** ..... **Recent**

no fossil record

**PROCTOPHYLLODIDAE Mégnin & Trouessart, 1884** ..... **Recent**

no fossil record

**PSORALGIDAE Oudemans, 1908** ..... **Recent**

no fossil record

**PSOROPTOIDIDAE Gaud, 1983** ..... **Recent**

no fossil record

**PTYSSALGIDAE Atyeo & Gaud, 1979** ..... **Recent**

no fossil record

**PYROGLYPHIDAE Cunliffe, 1958** ..... **Recent**

no fossil record

**TARSOCHYLIDAE Atyeo & Gaud, 1979** ..... **Recent**

no fossil record

**THYSANOCERCIDAE Atyeo & Peterson, 1972** ..... **Recent**

no fossil record

**TROUESSARTIIDAE Gaud, 1957** ..... **Recent**

no fossil record

**TURBINOPTIDAE Fain, 1957** ..... **Recent**

no fossil record

**XOLALGIDAE Dubinin, 1953** ..... **Recent**

no fossil record

**SARCOPTOIDEA Murray, 1877** ..... **Neogene–Recent**

= PSOROPTIOIDEA Canestrini, 1892

- ACAROPTIDAE Womersley, 1953** ..... **Recent**  
no fossil record
- ATOPEMELIDAE Gunter, 1942** ..... **Neogene–Recent**  
?Apotomelidae sp. [originally as Listrophoridae in Poinar 1988] ..... Ne Dominican amber
- AUDYCOPTIDAE Lavoipierre, 1964** ..... **Recent**  
no fossil record
- CHIRODISCIDAE Trouessart, 1892** ..... **Recent**  
no fossil record
- CHIRORHYNCHOBIIDAE Fain, 1967** ..... **Recent**  
no fossil record
- GALAGALIDAE Fain, 1963** ..... **Recent**  
no fossil record
- GASTRONYSSIDAE Fain, 1956** ..... **Recent**  
no fossil record
- LEMURNYSIIDAE Fain, 1957** ..... **Recent**  
no fossil record
- LISTROPHORIDAE Mégnin & Trouessart, 1884** ..... **Recent**  
no fossil record
- LOBALGIDAE Fain, 1965** ..... **Recent**  
no fossil record
- MYCOPTIDAE** author, date? ..... **Recent**  
no fossil record
- PSOROPTIDAE Canestrini, 1892** ..... **Recent**  
no fossil record
- PNEUMOCOPTIDAE Fain, 1957** ..... **Recent**  
no fossil record
- RHYNCOPTIDAE Lawrence, 1956** ..... **Recent**  
no fossil record
- SARCOPTIDAE Murray, 1877** ..... **Recent**  
no fossil record

*NOMINA DUBIA*

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

*NOMINA NUDA*

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

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

## RICINULEI

15 currently valid species of fossil ricinuleid

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

= RHINOASTRA Cook, 1899

= PODOGONA Cook, 1899

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

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

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

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

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

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

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

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

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

6. *Curculioides eltringhami* Petrunkevitch, 1949 ..... C Crawcrook

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

8. *Curculioides granulatus* Petrunkevitch, 1949 ..... C Ilkeston

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

10. *Curculioides pococki* Selden, 1992 ..... C Coseley

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

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

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

12. *Poliochera gibbsi* Selden, 1992 ..... C Illinois

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

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

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

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

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

**RICINOIDIDAE Ewing, 1929** ..... **Recent**

= CRYPTOSTEMMIDAE Westwood, 1874

no fossil record

**NOMINA DUBIA**

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



55 Recent species according to Harvey (2003)

## ARACHNIDA and/or PANTETRAPULMONATA

### *incertae sedis*

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

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

†	<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

65 currently valid species of fossil trigonotarbid

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

- † **ANTHRACOMARTIDAE Haase, 1890** ..... **Carboniferous**
- = † PROMYGALIDAE Frič, 1904
- = † BRACHYPYGIDAE Pocock, 1911
- = † CORYPHOMARTIDAE Petrunkevitch, 1945
- = † PLEOMARTIDAE Petrunkevitch, 1945
- † ***Anthracomartus* Karsch, 1882** ..... **Carboniferous**
- = † *Brachylycosa* Frič, 1904
- = † *Cleptomartus* Petrunkevitch, 1949
- = † *Coryphomartus* Petrunkevitch, 1945a
- = † *Cryptomartus* Petrunkevitch, 1945a
- = † *Oomartus* Petrunkevitch, 1953
- = † *Perneria* Frič, 1904
- = † *Pleomartus* Petrunkevitch, 1945a
- = † *Promygale* Frič, 1901
17. *Anthracomartus bohemica* (Frič, 1901) ..... C Nýřany
18. *Anthracomartus carcinoides* (Frič, 1901) ..... C Nýřany
- i. = *Promygale rotundata* Frič, 1901 ..... C Nýřany
- ii. = *Perneria salticoides* Frič, 1904 ..... C ?Nýřany
19. *Anthracomartus elegans* Frič, 1901 ..... C Nýřany
20. *Anthracomartus hindi* Pocock, 1911 ..... C Coseley
- i. = *Cleptomartus hangardi* Guthörl, 1965 ..... C Saar, Germany
- ii. = *Cryptomartus meyeri* Guthörl, 1964 ..... C Aachen
- iii. = *Cleptomartus planus* Petrunkevitch, 1949 ..... C Coseley
- iv. = *Cryptomartus rebskei* Brauckmann, 1984 ..... C Saarbrücken
21. *Anthracomartus granulatus* Frič, 1904 ..... C Nowa Ruda
22. *Anthracomartus janae* (Opluštil, 1986) ..... C Kladno
23. *Anthracomartus kustae* Petrunkevitch, 1953 ..... C Rakovník
24. *Anthracomartus minor* Kušta, 1884 ..... C Rakovník
- i. = *Anthracomartus socius* Kušta, 1888 ..... C Rakovník
25. *Anthracomartus nyranensis* (Petrunkevitch, 1953) ..... C Nýřany
26. *Anthracomartus palatinus* Ammon, 1901 ..... C Brücken, Germany
27. *Anthracomartus presti* 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 Nowa Ruda
- † ***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
- † **LISSOMARTIDAE Dunlop, 1995** ..... **Carboniferous**
- † ***Lissomartus* Petrunkevitch, 1949** ..... **Carboniferous**
42. *Lissomartus carbonarius* (Petrunkevitch, 1913) ..... C Mazon Creek  
 43. *Lissomartus schucherti* (Petrunkevitch, 1913) ..... C Mazon Creek
- † **APHANTOMARTIDAE Petrunkevitch, 1945a** ..... **Devonian – Permian**  
     = † TRIGONOMARTIDAE Petrunkevitch, 1949
- † ***Alkenia* Størmer, 1970** ..... **Devonian**
44. *Alkenia mirabilis* Størmer, 1970\* ..... D Alken an der Mosel
- † ***Aphantomartus* Pocock, 1911** ..... **Carbon. – Permian**  
     = † *Trigonomartus* Petrunkevitch, 1913  
     = † *Phrynomartus* Petrunkevitch, 1945a
45. *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
46. *Aphantomartus ilfeldicus* (Scharf, 1924) ..... P Rotliegend
47. *Aphantomartus pustulatus* (Scudder, 1884) ..... C Coal Measures
- i. = ?*Kreischeria villeti* Pruvost, 1912 ..... C Pas de Calais
- ii. = *Cleptomartus plötzensis* Simon, 1971 ..... C Halleschen Mulde
- † **KREISCHERIIDAE Haase, 1890** ..... **Carboniferous**
- † **Anzinia Petrunkevitch, 1953** ..... **Carboniferous**
48. *Anzinia thevenini* (Pruvost, 1919)\* ..... C Anzin
- † **Gondwanarache Pinto & Hünicken, 1980** ..... **Carboniferous**
49. *Gondwanarache argentinensis* Pinto & Hünicken, 1980\* ..... C Bajo de Véliz
- † **Hemikreischeria Frič, 1904** ..... **Carboniferous**
50. *Hemikreischeria geinitzi* (Thevenin, 1902)\* ..... C France
- † **Kreischeria Geinitz, 1882** ..... **Carboniferous**
51. *Kreischeria wiedeii* Geinitz, 1882\* ..... C Zwickau
- † **Pseudokreischeria Petrunkevitch, 1953** ..... **Carboniferous**
52. *Pseudokreischeria pococki* (Gill, 1924) ..... C Crawcrook
- i. = *Eophrynus varius* Petrunkevitch, 1949 ..... C Crawcrook
- † **EOPHRYNIDAE Karsch, 1882** ..... **Carboniferous**
- = †HEMIPHRYNIDAE Frič, 1904
- † **Eophrynus Woodward, 1871b** ..... **Carboniferous**
53. *Eophrynus prestvicii* (Buckland, 1837)\* ..... C Coalbrookdale
54. *Eophrynus udus* Brauckmann, Koch & Kemper, 1985 ..... C Hagen-Vorhalle
- † **Nyranytarbus Harvey & Selden, 1995** ..... **Carboniferous**
- = †*Hemiphrynus* Frič, 1901 [preoccupied]
55. *Nyranytarbus hofmanni* (Frič, 1901) ..... C Nýřany
56. *Nyranytarbus longipes* (Frič, 1901)\* ..... C Nýřany
- † **Petrovicia Frič, 1904** ..... **Carboniferous**
57. *Petrovicia proditoria* Frič, 1904\* ..... C Petrovice
- † **Planomartus Petrunkevitch, 1953** ..... **Carboniferous**
58. *Planomartus krejci* (Kušta, 1883)\* ..... C Rakovník
- i. = *Anthracomartus affinis* Kušta, 1885 ..... C Rakovník
- † **Pleophrynus Petrunkevitch, 1945a** ..... **Carboniferous**
59. *Pleophrynus verrucosus* (Pocock, 1911) ..... C Coal Measures
- i. = *Eophrynus warei* Dix & Pringle, 1930 ..... C Glyncoch, UK
- ii. = *Pleophrynus ensifer* Petrunkevitch, 1945a\* ..... C Mazon Creek
- iii. = *Eophrynus jugatus* Ambrose & Romano, 1972 ..... C Kilmersdon, UK
- † **Pocononia Petrunkevitch, 1953** ..... **Carboniferous**
60. *Pocononia whitei* (Ewing, 1930)\* ..... C Pocono Shales
- † **Somaspidion Jux, 1982** ..... **Carboniferous**
61. *Somaspidion hammapheron* Jux, 1982\* ..... C Dinslaken

- † *Stenotrogulus* Frič, 1904 ..... Carboniferous  
 = † *Cyclotrogulus* Frič, 1904  
 = † *Pseudoeophrynus* Příbyl, 1958
62. *Stenotrogulus salmii* (Stur, 1877)\* ..... C Ostrava  
 i. = *Cyclotrogulus sturii* Frič, 1904 [*non* Hasse, 1890] ..... C Ostrava  
 ii. = *Pseudoeophrynus ostraviensis* Příbyl, 1958 ..... C Ostrava

TRIGONOTARBIDA *incertae sedis*

- † *Anthracophrynus* Andrée, 1913 ..... Carboniferous  
 63. *Anthracophrynus tuberculatus* Andrée, 1913\* ..... C Dudweiler
- † *Areomartus* Petrunkevitch, 1913 ..... Carboniferous  
 64. *Areomartus ovatus* Petrunkevitch, 1913\* ..... C West Virginia
- † ‘*Eophrynus*’  
 65. ‘*Eophrynus*’ *scharfi* Scharf, 1924 ..... P Rotliegend

## NOMINA DUBIA

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

no Recent species

## URARANEIDA

2 currently valid species of uraraneid

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

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

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

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

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

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

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



## ARANEAE

1,141 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>
† <i>Arthrolycosa</i> Harger, 1874 .....	<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
† <i>Eoecteniza</i> Pocock, 1911 .....	<b>Carboniferous</b>
3. <i>Eoecteniza silvicola</i> Pocock, 1911* .....	C Coseley
† <b>ARTHROMYGALIDAE Petrunkevitch, 1923</b> .....	<b>Carboniferous</b>
† <i>Arthromygale</i> Petrunkevitch, 1923 .....	<b>Carboniferous</b>
4. <i>Arthromygale fortis</i> (Frič, 1904)* .....	C Rakovník
i. = <i>Arthrolycosa beecheri</i> Frič, 1904 .....	C Rakovník
† <i>Eolycosa</i> Kušta, 1885 .....	<b>Carboniferous</b>
5. <i>Eolycosa lorenzi</i> Kušta, 1885* .....	C Rakovník
† <i>Geralycosa</i> Kušta, 1888 .....	<b>Carboniferous</b>
6. <i>Geralycosa fritschi</i> Kušta, 1888* .....	C Rakovník
† <i>Kustaria</i> Petrunkevitch, 1953 .....	<b>Carboniferous</b>
= † <i>Scudderia</i> Kušta, 1888 [preoccupied]	
7. <i>Kustaria carbonaria</i> (Kušta, 1888)* .....	C Rakovník
† <i>Palaranea</i> Frič, 1873 .....	<b>Carboniferous</b>
8. <i>Palaranea borassifoliae</i> Frič, 1873* .....	C Czech Republic
† <i>Protoecteniza</i> Petrunkevitch, 1949 .....	<b>Carboniferous</b>
9. <i>Protoecteniza britannica</i> Petrunkevitch, 1949* .....	C Coseley
† <i>Protolycosa</i> Roemer, 1866 .....	<b>Carboniferous</b>
10. <i>Protolycosa anthracophila</i> Roemer, 1866* .....	C Silesia
11. <i>Protolycosa cebennensis</i> Laurentiaux-Viera & Laurentiaux, 1963 .....	C Cévennes, France
† <i>Rakovnicia</i> Kušta, 1884a .....	<b>Carboniferous</b>
12. <i>Rakovnicia antiqua</i> Kušta, 1884a* .....	C Rakovník
† <b>PYRITARANEIDAE Petrunkevitch, 1953</b> .....	<b>Carboniferous</b>
† <i>Dinopilio</i> Frič, 1904 .....	<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**
- Opisthothelae incertae sedis**
- † *Eoatypus* McCook, 1888 ..... **Palaeogene**
17. *Eoatypus woodwardii* McCook, 1888\* ..... Pa Isle of Wight
- MYGALOMORPHAE Pocock, 1892** ..... **Triassic – Recent**
- Mygalomorpha indet. 1–3 in Wunderlich (2008d) ..... K Myanmar amber
- ATYPIDAE Thorell, 1870a** ..... **Cretaceous – Recent**
- = CALOMMATOIDAE Thorell, 1887
- † *Ambiortiphagus* Eskov & Zonstein, 1990 ..... **Cretaceous**
18. *Ambiortiphagus ponomarenkoi* Eskov & Zonstein, 1990\* ..... K Central Mongolia
- † *Balticatypus* Wunderlich, 2011h ..... **Palaeogene**
19. *Balticatypus beigeli* Wunderlich, 2011h ..... Pa Baltic amber
20. *Balticatypus juvenis* Wunderlich, 2011h\* ..... Pa Baltic amber
21. *Balticatypus spinosus* Wunderlich, 2011h ..... Pa Baltic amber
- ANTRODIAETIDAE Gertsch in Comstock, 1940** ..... **Cretaceous – Recent**
- = BRACHYBOTHRIDAE Simon, 1892
- = ACCATYMIDAE Kishida, 1930
- † *Cretacattyma* Eskov & Zonstein, 1990 ..... **Cretaceous**
22. *Cretacattyma raveni* Eskov & Zonstein, 1990\* ..... K Central Mongolia
- MECICOBOTHRIIDAE Holmberg, 1882** ..... **Cretaceous – Recent**
- = HEXURIDAE Simon, 1889b
- † *Cretohexura* Eskov & Zonstein, 1990 ..... **Cretaceous**
23. *Cretohexura coylei* Eskov & Zonstein, 1990\* ..... K Transbaikalia
- † *Cretomegahexura* Eskov & Zonstein, 1990 ..... **Cretaceous**
24. *Cretomegahexura platnicki* Eskov & Zonstein, 1990\* ..... K Central Mongolia

<b>HEXATHELIDAE Simon, 1892b</b> .....	<b>Triassic – Recent</b>
† <b>Rosamygale Selden &amp; Gall, 1992</b> .....	<b>Triassic</b>
25. <i>Rosamygale grauvogeli</i> Selden & Gall, 1992* .....	Tr Vosges, France
<b>DIPLURIDAE Simon, 1889b</b> .....	<b>Cretaceous – Recent</b>
† <b>Clostes Menge, 1869</b> .....	<b>Palaeogene</b>
26. <i>Clostes priscus</i> Menge, 1869* .....	Pa Baltic / Bitt. amber
† <b>Cretadiplura Selden in Selden et al., 2006</b> .....	<b>Cretaceous</b>
27. <i>Cretadiplura ceara</i> Selden in Selden et al., 2006* .....	K Crato Formation
† <b>Dinodiplura Selden in Selden et al., 2006</b> .....	<b>Cretaceous</b>
28. <i>Dinodiplura ambulacra</i> Selden in Selden et al., 2006* .....	K Crato Formation
<b>Ischnothele Ausserer, 1875</b> .....	<b>?Neogene – Recent</b>
? <i>Ischnothele</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>Masteria L. Koch, 1873</b> .....	<b>Neogene – Recent</b>
= † <i>Microsteria</i> Wunderlich, 1988	
29. <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
<b>CYRTAUCHENIIDAE Simon, 1892b</b> .....	<b>Neogene – Recent</b>
<b>Bolostromus Ausserer, 1875</b> .....	<b>Neogene – Recent</b>
30. <i>Bolostromus destructus</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>CTENIZIDAE Thorell, 1887</b> .....	<b>Palaeogene – Recent</b>
= HALONOPROCTIDAE Pocock, 1903	
† <b>Baltocteniza Eskov &amp; Zonstein, 2000</b> .....	<b>Palaeogene</b>
31. <i>Baltocteniza kulicka</i> Eskov & Zonstein, 2000 .....	Pa Baltic amber
† <b>Electrocteniza Eskov &amp; Zonstein, 2000</b> .....	<b>Palaeogene</b>
32. <i>Electrocteniza sadilenkoi</i> Eskov & Zonstein, 2000 .....	Pa Baltic amber
<b>Ummidia Thorell, 1875</b> .....	<b>Palaeogene – Recent</b>
33. <i>Ummidia damzeni</i> Wunderlich, 2000 .....	Pa Baltic amber
34. <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 Bitterfeld amber
<b>IDIOPIDAE Simon, 1892b</b> .....	<b>Recent</b>
no fossil record	
<b>ACTINOPODIDAE Simon, 1892b</b> .....	<b>Recent</b>

= 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**

35. *Cretamygale chasei* Selden, 2002\* ..... K Isle of Wight

† ***Eodiplurina* Petrunkevitch, 1922** ..... **Palaeogene**

36. *Eodiplurina cockerelli* Petrunkevitch, 1922\* ..... Pa Florissant

**MICROSTIGMATIDAE Roewer, 1942** ..... **Neogene – Recent**

= MICROMYGALIDAE Wunderlich, 2004b

† ***Parvomygale* Wunderlich, 2004b** ..... **Neogene**

37. *Parvomygale distincta* Wunderlich, 2004b\* ..... Ne Dominican amber

**BARYCHELIDAE Simon, 1889b** ..... **Neogene – Recent**

***Psalistops* Simon, 1889b** ..... **Neogene – Recent**

38. *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**

39. *Ischnocolinopsis acutus* Wunderlich, 1988\* ..... Ne Dominican amber

**PARATROPIDIDAE Simon, 1889a** ..... **Recent**

no fossil record

**ARANEOMORPHAE Smith, 1902** ..... **Triassic – Recent**

**ARANEOMORPHAE indet.**

† ***Argyrarachne* Selden in Selden *et al.*, 1999** ..... **Triassic**

40. *Argyrarachne solitus* Selden in Selden *et al.*, 1999\* ..... Tr Virginia

† ***Triassaraneus* Selden in Selden *et al.*, 1999** ..... **Triassic**

41. *Triassaraneus andersonorum* Selden in Selden *et al.*, 1999\* ..... Tr KwaZulu-Natal

**HYPOCHILIDAE Marx, 1888** ..... **Recent**

= ECTATOSTICTIDAE Lehtinen, 1967

no fossil record

**AUSTRALOCHILOIDEA Zapfe, 1955** ..... **Cretaceous – Recent**

**AUSTROCHILIDAE Zapfe, 1955** ..... **Recent**

= THAIDIDAE Lehtinen, 1967

= HICKMANIIDAE Lehtinen, 1967

no fossil record

**GRADUNGULIDAE Forster, 1955** ..... **Recent**

no fossil record

**ARANEOCLADA Platnick, 1977** ..... **Triassic – Recent**

**HAPLOGYNAE Simon, 1893** ..... **Jurassic – Recent**

**FILISTATIDAE Ausserer, 1867** ..... **Neogene – Recent**

*Misionella* Ramírez & Grismado, 1997 ..... **Neogene – Recent**

42. *Misionella didicostae* Penney, 2005a ..... Ne Dominican amber

**SICARIIDAE Keyserling, 1880a** ..... **Neogene – Recent**

= LOXOSCELIDAE Simon, 1893

*Loxosceles* Heineken & Lowe, 1832 ..... **Neogene – Recent**

43. *Loxosceles aculicaput* Wunderlich, 2004c ..... Ne Dominican amber

44. *Loxosceles defecta* Wunderlich, 1988 ..... Ne Dominican amber

45. *Loxosceles deformis* Wunderlich, 1988 ..... Ne Dominican amber

*Loxosceles* sp. in Wunderlich (1988) ..... Ne Dominican amber

**SCYTODIDAE Blackwall, 1864** ..... **Palaeogene – Recent**

Syctodidae sp. 1–2 in Wunderlich (2004b) ..... Pa Bitterfeld amber

**Scytodes Latreille, 1804a** ..... **Palaeogene – Recent**

46. *Scytodes marginalis* Wunderlich, 2004as ..... Qt Madagascan copal

47. *Scytodes piliformis* Wunderlich, 1988 ..... Ne Dominican amber

48. *Scytodes planithorax* Wunderlich, 1988 ..... Ne Dominican amber

49. *Scytodes stridulans* Wunderlich, 1988 ..... Ne Dominican amber

50. *Scytodes weitschati* Wunderlich, 1993a ..... Pa Baltic amber

*Scytodes* sp. in Wunderlich (1988) ..... Ne Dominican amber

*Scytodes* sp. in Wunderlich (2011h) ..... Pa Baltic amber

**PERIEGOPIIDAE Simon, 1893** ..... **Recent**

no fossil record

**DRYMUSIDAE Simon, 1893** ..... **Recent**

no fossil record

† **PRAETERLEPTONETIDAE Wunderlich 2008d** ..... **Cretaceous**

<i>Praeterleptonetidae</i> indet. <i>in</i> Wunderlich (2008d) .....	K Myanmar amber
† <b><i>Palaeohydropoda</i> Penney, 2004c</b> .....	<b>Cretaceous</b>
51. <i>Palaeohydropoda myanmarensis</i> Penney, 2004c* .....	K Myanmar amber
† <b><i>Pholcochyrocer</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
52. <i>Pholcochyrocer guttulaequae</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b><i>Praeterleptoneta</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
53. <i>Praeterleptoneta spinipes</i> Wunderlich, 2008d* .....	K Myanmar amber
54. <i>Praeterleptoneta tibialis</i> Wunderlich, 2011 <i>i</i> .....	K Myanmar amber
<b>LEPTONETIDAE Simon, 1890</b> .....	<b>Palaeogene – Recent</b>
† <b><i>Eoleptoneta</i> Wunderlich, 1991</b> .....	<b>Palaeogene</b>
55. <i>Eoleptoneta curvata</i> Wunderlich, 2004c .....	Pa Bitterfeld amber
56. <i>Eoleptoneta duocalcar</i> Wunderlich, 2004c .....	Pa Baltic amber
57. <i>Eoleptoneta kutscheri</i> Wunderlich, 1991* .....	Pa Bitterfeld amber
58. <i>Eoleptoneta multispinae</i> Wunderlich, 2011 <i>h</i> .....	Pa Baltic amber
59. <i>Eoleptoneta pseudoarticulata</i> Wunderlich, 2011 <i>h</i> .....	Pa Baltic amber
60. <i>Eoleptoneta similis</i> Wunderlich, 2004c .....	Pa Baltic amber
† <b><i>Oligoleptoneta</i> Wunderlich 2004c</b> .....	<b>Palaeogene</b>
61. <i>Oligoleptoneta altoculus</i> Wunderlich 2004c* .....	Pa Baltic amber
62. <i>Oligoleptoneta cymbiospina</i> Wunderlich, 2011 <i>h</i> .....	Pa Baltic amber
<b>TELEMIDAE Fage, 1913</b> .....	<b>Palaeogene – Recent</b>
<b><i>Telema</i> Simon, 1882</b> .....	<b>Palaeogene – Recent</b>
63. ? <i>Telema moritzi</i> Wunderlich, 2004c .....	Pa Baltic / Bitt. amber
<b>OCHYROCERATIDAE Fage, 1912</b> .....	<b>Neogene – Recent</b>
† <b><i>Arachnolithulus</i> Wunderlich, 1988</b> .....	<b>Neogene</b>
64. <i>Arachnolithulus longipes</i> Wunderlich, 2004c .....	Ne Dominican amber
65. <i>Arachnolithulus pygmaeus</i> Wunderlich, 1988* .....	Ne Dominican amber
? <i>Arachnolithulus</i> sp. <i>in</i> Wunderlich (1988) .....	Ne Dominican amber
† <b>EOPSILODERCIDAE Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
?Eopsilodercidae indet. 1–3 <i>in</i> Wunderlich (2008d) .....	K Myanmar amber
† <b><i>Eopsilodermes</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
66. <i>Eopsilodermes loxosceloides</i> Wunderlich, 2008d .....	K Myanmar amber
† <b><i>Furembolus</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
67. <i>Furembolus andersoni</i> Wunderlich, 2008d .....	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><i>Coryssocnemis</i> Simon, 1893</b> .....	<b>Neogene – Recent</b>

68. ? <i>Coryssocnemis velteni</i> Wunderlich, 2004c .....	Ne Dominican amber
<b>Leptopholcus Simon, 1893</b> .....	<b>Neogene</b>
69. <i>Leptopholcus kiskeya</i> Huber & Wunderlich, 2006 .....	Ne Dominican amber
<b>Modisimus Simon, 1893</b> .....	<b>Neogene – Recent</b>
70. <i>Modisimus calcar</i> Wunderlich, 1988 .....	Ne Dominican amber
71. <i>Modisimus calcaroides</i> Wunderlich, 1988 .....	Ne Dominican amber
72. <i>Modisimus crassifemoralis</i> Wunderlich, 1988 .....	Ne Dominican amber
73. <i>Modisimus oculatus</i> Wunderlich, 1988 .....	Ne Dominican amber
74. <i>Modisimus tuberosus</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Modisimus</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b>Paraspermophora Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
75. <i>Paraspermophora bitterfeldensis</i> Wunderlich, 2004c .....	Pa Bitterfeld amber
76. <i>Paraspermophora perplexa</i> Wunderlich, 2004c* .....	Pa Baltic amber
<i>Paraspermophora</i> sp. in Wunderlich (2004c, 2011h) .....	Pa Baltic / Bitt. amber
<b>Pholcophora Banks, 1896</b> .....	<b>Neogene – Recent</b>
77. <i>Pholcophora brevipes</i> Wunderlich, 1988 .....	Ne Dominican amber
78. <i>Pholcophora gracilis</i> Wunderlich, 1988 .....	Ne Dominican amber
79. <i>Pholcophora longicornis</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Quamtana Huber, 2003</b> .....	<b>Palaeogene – Recent</b>
80. <i>Quamtana huberi</i> Penney, 2007a .....	Pa Le Quesnoy amber
† <b>Serratochorus Wunderlich, 1988</b> .....	<b>Neogene</b>
81. <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>
82. <i>Eoplectreurys gertschi</i> Selden & Huang, 2010 .....	J Daohugou
† <b>Palaeoplectreurys Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
83. <i>Palaeoplectreurys baltica</i> Wunderlich, 2004c* .....	Pa Baltic amber
<b>Plectreurys Simon, 1893</b> .....	<b>Neogene – Recent</b>
84. <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>
85. <i>Nops lobatus</i> Wunderlich, 1988 .....	Ne Dominican amber
i. = <i>Nops segmentatus</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Nops</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>TETRABLEMMIDAE O. P.-Cambridge, 1873</b> .....	<b>Palaeogene – Recent</b>

= PHAEDOMOIDAE Thorell, 1890 [based on a generic homonym]

= PACULLIDAE Simon, 1894

† <b><i>Balticoblemma</i> Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
86. <i>Balticoblemma unicorniculum</i> Wunderlich, 2004c* .....	Pa Baltic amber
<b><i>Monoblemma</i> Gertsch, 1941</b> .....	<b>Neogene</b>
87. ? <i>Monoblemma spinosum</i> Wunderlich, 1988* .....	Ne Dominican amber
<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><i>Ariadna</i> Audouin, 1826</b> .....	<b>Cretaceous – Recent</b>
88. ? <i>Ariadna amissiocoli</i> Wunderlich, 2008d .....	K Jordanian amber
89. <i>Ariadna copalis</i> Wunderlich, 2008a .....	Qt ?Madagascan copal
90. <i>Ariadna defuncta</i> Wunderlich 2004c .....	Pa Bitterfeld amber
91. <i>Ariadna hintzei</i> Wunderlich, 2004as .....	Qt Madagascan copal
92. <i>Ariadna ovalis</i> Wunderlich, 2008a .....	Pa Baltic amber
93. <i>Ariadna parva</i> Wunderlich, 2008a .....	Pa Baltic amber
94. <i>Ariadna paucispinosa</i> Wunderlich, 1988 .....	Ne Dominican amber
95. <i>Ariadna resinae</i> Hickman, 1957 .....	Ne? Australian copal
? <i>Ariadna</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b><i>Lebansegestria</i> Wunderlich 2008d</b> .....	<b>Cretaceous</b>
96. <i>Lebansegestria azari</i> Wunderlich, 2008d* .....	K Lebanese amber
† <b><i>Microsegestria</i> Wunderlich &amp; Milki, 2004</b> .....	<b>Cretaceous</b>
97. <i>Microsegestria poinari</i> Wunderlich & Milki, 2004* .....	K Lebanese amber
† <b><i>Palaeosegestria</i> Penney, 2004a</b> .....	<b>Cretaceous</b>
98. <i>Palaeosegestria lutzii</i> Penney, 2004a* .....	K New Jersey amber
<b><i>Segestria</i> Latreille, 1804a</b> .....	<b>Cretaceous – Recent</b>
99. <i>Segestria cristata</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
100. <i>Segestria flexio</i> Wunderlich, 2004c .....	Pa Baltic amber
101. <i>Segestria mortalis</i> Wunderlich 2004c .....	Pa Baltic amber
102. <i>Segestria plicata</i> Petrunkevitch, 1950 .....	Pa Baltic amber
103. <i>Segestria scudderi</i> Petrunkevitch, 1922 .....	Pa Florissant
104. <i>Segestria secessa</i> Scudder, 1890a .....	Pa Florissant
105. <i>Segestria succinei</i> Berland, 1939 .....	Pa Baltic amber
106. <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><i>Vetsegestria</i> Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
107. <i>Vetsegestria quinquespinosa</i> Wunderlich, 2004c* .....	Pa Bitterfeld amber



<b>DYSDERIDAE C. L. Koch, 1837</b> .....	<b>Palaeogene – Recent</b>
† <b><i>Dasumiana</i> Wunderlich, 2004c</b> .....	<b>Palaeogene</b>
108. <i>Dasumiana emicans</i> Wunderlich, 2004c* .....	Pa Baltic amber
109. ? <i>Dasumiana subita</i> (Petrunkevitch, 1958) .....	Pa Baltic amber
110. <i>Dasumiana valga</i> Wunderlich, 2004c .....	Pa Baltic amber
<b><i>Dysdera</i> Latreille, 1804</b> .....	<b>Palaeogene – Recent</b>
111. <i>Dysdera dilatata</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
<b><i>Harpactea</i> Bristowe, 1939</b> .....	<b>Palaeogene – Recent</b>
112. <i>Harpactea communis</i> Wunderlich, 2004c .....	Pa Baltic amber
113. <i>Harpactea extincta</i> Petrunkevitch, 1950 .....	Pa Baltic amber
114. <i>Harpactea hombergi</i> (Scopoli, 1763) <b>[Recent]</b> .....	Qt England
115. <i>Harpactea longibulbus</i> Wunderlich, 2011h .....	Pa Baltic amber
116. <i>Harpactea tersa</i> (C. L. Koch & Berendt, 1854) ... [provisional transfer] .....	Pa Baltic amber
<i>Harpactea</i> sp. in Wunderlich (2011h) .....	Pa Bitterfeld amber
<b>Dysderidae?</b>	
† <b><i>Mistura</i> Petrunkevitch, 1971</b> .....	<b>Neogene</b>
117. <i>Mistura perplexa</i> Petrunkevitch, 1971* .....	Ne Chiapas amber
<b>OONOPIDAE Simon, 1890</b> .....	<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>
118. <i>Burmorchestina pulcher</i> Wunderlich, 2008a* .....	K Myanmar amber
† <b><i>Canadaorchestina</i> Wunderlich, 2008a</b> .....	<b>Cretaceous</b>
119. <i>Canadaorchestina albertensis</i> (Penney, 2006a)* .....	K Manitobian amber
† <b><i>Eogamasomorpha</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
120. <i>Eogamasomorpha nubila</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b><i>Eoscaphiella</i> Wunderlich, 2011i</b> .....	<b>Cretaceous</b>
121. <i>Eoscaphiella ohlhoffi</i> Wunderlich, 2011i* .....	K Myanmar amber
† <b><i>Fossilopaea</i> Wunderlich, 1988</b> .....	<b>Neogene</b>
122. <i>Fossilopaea sulci</i> Wunderlich, 1988* .....	Ne Dominican amber
<b><i>Heteroonops</i> Dalmás, 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>
123. <i>Orchestina baltica</i> Petrunkevitch, 1942 .....	Pa Baltic amber
124. <i>Orchestina (Baltorchestina) bitterfeldensis</i> Wunderlich, 2008a .....	Pa Bitterfeld amber
125. <i>Orchestina breviembolus</i> Wunderlich, 1981 .....	Pa Baltic amber
126. <i>Orchestina (Baltorchestina) brevis</i> Wunderlich, 2008a .....	Pa Baltic amber
127. <i>Orchestina crassimbolus</i> Wunderlich, 1981 .....	Pa Baltic amber

128. *Orchestina (Baltorchestina) crassipatellaris* Wunderlich, 1981 ..... Pa Baltic amber  
 129. *Orchestina (Baltorchestina) crassitibialis* Wunderlich, 1981 ..... Pa Baltic amber  
 130. *Orchestina (Baltorchestina) colchembolus* Wunderlich, 1981 ..... Pa Baltic amber  
 131. *Orchestina colombiensis* Wunderlich, 2004at ..... Qt Colombian copal  
 132. *Orchestina dominicana* Wunderlich, 1981 ..... Ne Dominican amber  
 133. *Orchestina forceps* Wunderlich, 1981 ..... Pa Baltic amber  
 134. *Orchestina (Baltorchestina) forfex* Wunderlich, 2011h ..... Pa Baltic amber  
 135. *Orchestina (Baltorchestina) furca* Wunderlich, 1981 ..... Pa Baltic amber  
 136. *Orchestina fushunensis* Wunderlich, 2004au ..... Pa Fu Shun amber  
 137. *Orchestina gracilitibialis* Wunderlich, 2004c ..... Pa Baltic amber  
 138. *Orchestina (Baltorchestina) imperialis* Petrunkevitch, 1963 ..... Pa Baltic/Bitter. amber  
 139. *Orchestina kenya* Wunderlich, 1981 ..... Qt East African copal  
 140. *Orchestina longimana* Wunderlich, 1981 ..... Qt East African copal  
 141. *Orchestina madagascariensis* Wunderlich, 2004as ..... Qt Madagascan copal  
 142. *Orchestina mortua* Petrunkevitch, 1971 ..... Ne Chiapas amber  
 143. *Orchestina (Baltorchestina) multisetae* Wunderlich, 2008a ..... Pa Baltic amber  
 144. *Orchestina (Gallorchestina) parisiensis* Penney, 2007b ..... Pa Le Quesnoy amber  
 145. *Orchestina (Baltorchestina) perfecta* Wunderlich, 2008a ..... Pa Baltic amber  
 146. *Orchestina pusilla* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber  
 147. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2008a ..... Pa Baltic amber  
 148. *Orchestina (Baltorchestina) rectangulata* Wunderlich, 2011h ..... Pa Bitterfeld amber  
     **Homonym of the 2008 name above!**  
 149. *Orchestina (Baltorchestina) sternalis* Wunderlich, 2008a ..... Pa Baltic amber  
 150. *Orchestina tibialis* Wunderlich, 1988 ..... Ne Dominican amber  
 151. *Orchestina truncata* Wunderlich, 2004at ..... Qt Colombian copal  
 152. *Orchestina tuberosa* Wunderlich, 1981 ..... Pa Baltic amber  
     *Orchestina* sp. in Nishikawa (1974) ..... Qt Mizunami copal  
     *Orchestina* sp. in Wunderlich (2011h) ..... Pa Bitterfeld amber  
**Stenoonops Simon, 1891** ..... **Palaeogene – Recent**  
 153. *Stenoonops incertus* (Wunderlich, 1988) ..... Ne Dominican amber  
 154. *?Stenoonops rugosus* Wunderlich, 2004c ..... Pa Bitterfeld amber  
 155. *Stenoonops seldeni* (Penney, 2000) ..... Ne Dominican amber  
  
**ORSOLOBIDAE Cooke, 1965** ..... **Recent**  
 no fossil record  
  
**† PLUMORSOLIDAE Wunderlich, 2008d** ..... **Cretaceous**  
     ?*Plumorsolidae* indet. in Wunderlich (2008d) ..... K Myanmar amber  
     ?*Plumorsolidae* indet. in Wunderlich (2011i) ..... K Myanmar amber  
**† Plumorsolus Wunderlich, 2008d** ..... **Cretaceous**  
 156. *Plumorsolus gondwanensis* Wunderlich, 2008d ..... K Lebanese amber

<b>ENTELEGYNAE Simon, 1893</b> .....	<b>Triassic – Recent</b>
<b>PALPIMANOIDEA Thorell, 1870a</b> .....	<b>Jurassic – Recent</b>
<b>family uncertain</b>	
† <b><i>Sinaranea</i> Selden, Huang &amp; Ren, 2008</b> .....	<b>Jurassic</b>
157. <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><i>Archaea</i> C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene – Recent</b>
158. <i>?Archaea bitterfeldensis</i> Wunderlich, 2004d .....	Pa Bitterfeld amber
159. <i>Archaea compacta</i> Wunderlich, 2004d .....	Pa Baltic amber
160. <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
161. <i>Archaea pogneti</i> Simon, 1884b .....	Pa Baltic amber
† <b><i>Baltarchaea</i> Eskov, 1992</b> .....	<b>Palaeogene</b>
162. <i>Baltarchaea conica</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
† <b><i>Burmesarchaea</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
163. <i>Burmesarchaea grimaldii</i> (Penney, 2003a) .....	K Myanmar amber
† <b><i>Eoarchaea</i> Forster &amp; Platnick, 1984</b> .....	<b>Palaeogene</b>
164. <i>Eoarchaea hyperoptica</i> (Menge in C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
165. <i>Eoarchaea vidua</i> Wunderlich, 2004d .....	Pa Baltic amber
† <b><i>Eomysmauchenius</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
166. <i>Eomysmauchenius septentrionalis</i> Wunderlich, 2008d* .....	K Myanmar amber
<b><i>Eriauchenius</i> O. P.-Cambridge, 1881</b> .....	<b>Quaternary – Recent</b>
167. <i>Eriauchenius gracilicollis</i> (Millot, 1948) <b>[Recent]</b> .....	Qt Copal
i. = <i>Archaea copalensis</i> Lourenço, 2000b .....	Qt Copal
† <b><i>Filiauchenius</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
168. <i>Filiauchenius paucidentatus</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b><i>Jurarchaea</i> Eskov, 1987</b> .....	<b>Jurassic</b>
169. <i>Jurarchaea zherikhini</i> Eskov, 1987* .....	J Kazakhstan
† <b><i>Lacunauchenius</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
170. <i>Launauchenius speciosus</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b><i>Myrmecarchaea</i> Wunderlich, 2004d</b> .....	<b>Palaeogene</b>
171. <i>Myrmecarchaea petiolus</i> Wunderlich, 2004d* .....	Pa Baltic amber
172. <i>Myrmecarchaea pediculus</i> Wunderlich, 2004d .....	Pa Baltic amber
† <b><i>Patarchaea</i> Selden, Huang &amp; Ren, 2008</b> .....	<b>Jurassic</b>
173. <i>Patarchaea muralis</i> Selden, Huang & Ren, 2008* .....	J Daohugou, China
† <b><i>Saxonarchaea</i> Wunderlich, 2004d</b> .....	<b>Palaeogene</b>
174. <i>Saxonarchaea dentata</i> Wunderlich, 2004d* .....	Pa Bitterfeld amber
175. <i>Saxonarchaea diabolica</i> Wunderlich, 2004d .....	Pa Bitterfeld amber

- MECYSMAUCHENIIDAE** Simon, 1895 ..... **Cretaceous – Recent**  
† *Archaemecys* Saupe & Selden, 2009 ..... **Cretaceous**  
176. *Archaemecys arcantiensis* Saupe & Selden, 2009 ..... K Charente amber
- PARARCHAEIDAE** Forster & Platnick, 1984 ..... **Recent**  
no fossil record
- HOLARCHAEIDAE** Forster & Platnick, 1984 ..... **Recent**  
no fossil record
- MICROPHOLCOMMATIDAE** Hickman, 1944 ..... **Palaeogene – Recent**  
† *Cenotextricella* Penney in Penney *et al.*, 2007 ..... **Palaeogene**  
177. *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**  
178. *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**  
† *Burlagonomegops* Penney, 2005b ..... **Cretaceous**  
179. *Burlagonomegops alavensis* Penney, 2006b ..... K Álava amber  
180. *Burlagonomegops eskovi* Penney, 2005b\* ..... K Myanmar amber
- † *Lagonomegops* Eskov & Wunderlich, 1995 ..... **Cretaceous**  
181. *Lagonomegops americanus* Penney, 2005b ..... K New Jersey amber  
182. *Lagonomegops sukatchevae* Eskov & Wunderlich, 1995\* ..... K Taimyr amber
- † *Zarquagonomegops* Kaddumi, 2007 ..... **Cretaceous**  
183. *Zarquagonomegops wunderlichi* Kaddumi, 2007\* ..... K Jordanian amber
- † **GRANDOCULIDAE** Penney, 2011 ..... **Cretaceous**  
† *Grandoculus* Penney, 2004b ..... **Cretaceous**

184. *Grandoculus chemahawinensis* Penney, 2004b\* ..... K Manitobian amber
- † SPATIATORIDAE Petrunkevitch, 1942** ..... **Palaeogene**
- † *Spatiator* Petrunkevitch, 1942** ..... **Palaeogene**
185. *Spatiator caulis* Wunderlich, 2008a ..... Pa Baltic amber
186. *Spatiator martensi* Wunderlich, 2006 ..... Pa Baltic amber
187. *Spatiator praeceps* Petrunkevitch, 1942\* ..... Pa Baltic amber
- Spatiator* sp. in Wunderlich (2011h) ..... Pa Baltic amber
- MALKARIDAE Davies, 1980** ..... **Recent**
- = STERNODIDAE Moran, 1986
- no fossil record
- MIMETIDAE Simon, 1881** ..... **Palaeogene – Recent**
- = CTENOPHORIDAE Blackwall, 1870 [younger name protected by useage]
- Mimetini sp. 1–4 in Wunderlich (2004q) ..... Pa Baltic amber
- Ero C. L. Koch, 1836** ..... **Palaeogene – Recent**
- = †*Palaeoero* Wunderlich, 2004q
- = †*Succinero* Wunderlich, 2004q
188. *Ero carboneana* Petrunkevitch, 1942 ..... Pa Baltic amber
189. *Ero longitarsus* (Wunderlich, 2004q) ..... Pa Baltic amber
190. *Ero permunda* Petrunkevitch, 1942 ..... Pa Baltic amber
191. *Ero rovnoensis* (Wunderlich, 2004ar) ..... Pa Rovno amber
- Mimetus Hentz, 1832** ..... **Palaeogene – Recent**
192. *Mimetus bituberculatus* Wunderlich, 1988 ..... Ne Dominican amber
193. ?*Mimetus longipes* Wunderlich, 2004q ..... Pa Baltic amber
- i. = *Mimetus brevipes* Wunderlich, 2004q ..... Pa Baltic amber
- ?*Mimetus* sp. in Wunderlich (1988) ..... Ne Dominican amber
- Protomimetus Wunderlich, 2011** ..... **Palaeogene**
194. ?*Protomimetus breviclypeus* Wunderlich, 2011h ..... Pa Baltic amber
195. *Protomimetus longiclypeus* Wunderlich, 2011h\* ..... Pa Baltic amber
- ERESOIDEA C. L. Koch, 1851** ..... **Cretaceous – Recent**
- ERESIDAE C. L. Koch, 1851** ..... **?Miocene – Recent**
- no body fossil record, but a web attributed to the extant genus *Seothyra* was described by Pickford (2000) from Miocene aeolianites in the Namib Desert of Namibia
- ‘OECOBIOIDEA’**
- Oecobioidea fam. indet. in Wunderlich (2008d) ..... K Myanmar amber
- OECOBIIDAE Blackwall, 1862** ..... **Cretaceous – Recent**
- = UROCTEIDAE Thorell, 1869

† <b>Lebanoecobius Wunderlich, 2004e</b> .....	<b>Cretaceous</b>
196. <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	
197. <i>Mizalia blauvelti</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
198. <i>Mizalia gemini</i> Wunderlich, 2004e .....	Pa Baltic amber
199. <i>Mizalia rostrata</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
i. = <i>Mizalia pilosula</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
200. <i>Mizalia spirembolus</i> Wunderlich, 2004e .....	Pa Baltic amber
<i>Mizalia</i> sp. in Wunderlich (2011h) .....	Pa Baltic/Bltter. amber
<b>Oecobius Lucas, 1846</b> .....	<b>?Cretaceous – Recent</b>
201. <i>Oecobius piliformis</i> Wunderlich, 1988 .....	Ne Dominican amber
? <i>Oecobius</i> sp. indet in Penney (2002) .....	K New Jersey amber
<b>Uroctea Dufour, 1820</b> .....	<b>Palaeogene – Recent</b>
202. <i>Uroctea galloprovincialis</i> Gourret, 1887 .....	Pa Aix-en-Provence
† <b>Zamilia Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
203. <i>Zamilia antecessor</i> Wunderlich, 2008d .....	K Myanmar amber
<b>HERSILIIDAE Thorell, 1870a</b> .....	<b>Cretaceous – Recent</b>
= CHALINUROIDAE Thorell, 1873	
Hersiliidae sp. 1–3 in Wunderlich (2004d) .....	Pa Baltic amber
Hersiliidae sp. in Wunderlich (2011f) .....	Qt Madagascar copal
† <b>Burmesiola Wunderlich, 2011i</b> .....	<b>Cretaceous</b>
204. <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]	
205. “ <i>Fictotama</i> ” <i>maculosa</i> Wunderlich, 2011g .....	Ne Dominican amber
† <b>Gerdia Menge, 1869</b> .....	<b>Palaeogene</b>
206. <i>Gerdia myura</i> Menge, 1869* .....	Pa Baltic amber
† <b>Gerdiopsis Wunderlich, 2004e</b> .....	<b>Palaeogene</b>
207. <i>Gerdiopsis infrigens</i> Wunderlich, 2004e* .....	Pa Baltic amber
† <b>Gerdiorum Wunderlich 2004e</b> .....	<b>Palaeogene</b>
208. <i>Gerdiorum inflexum</i> Wunderlich 2004e* .....	Pa Baltic amber
<b>Hersilia Audouin, 1826</b> .....	<b>Palaeogene</b>
209. <i>Hersilia aquisextana</i> Gourret, 1887 .....	Pa Aix-en-Provence
210. <i>Hersilia longipes</i> Giebel, 1856 .....	Pa Baltic amber
211. ? <i>Hersilia miranda</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Hersiliana Wunderlich, 2004e</b> .....	<b>Quaternary – Recent</b>
212. <i>Hersiliana brevipes</i> Wunderlich, 2004e* .....	Qt Madagascan copal
† <b>Hersiliopsis Wunderlich, 2004e</b> .....	<b>Quaternary – Recent</b>
213. <i>Hersiliopsis madagascarensis</i> Wunderlich, 2004e .....	Qt Madagascan copal

† <i>Prototama</i> Petrunkevitch, 1971 .....	Neogene
= † <i>Priscotama</i> Petrunkevitch, 1971	
214. <i>Prototama antiqua</i> (Petrunkevitch, 1971) .....	Ne Chiapas amber
215. <i>Prototama maior</i> (Wunderlich, 1988) .....	Ne Dominican amber
216. <i>Prototama media</i> (Wunderlich, 1988) .....	Ne Dominican amber
217. <i>Prototama minor</i> (Wunderlich, 1987) .....	Ne Dominican amber
218. <i>Prototama succinea</i> Petrunkevitch, 1971* .....	Ne Chiapas amber
<i>Prototama</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>Superfamily uncertain</b>	
† BURMASCUTIDAE Wunderlich, 2008d .....	Cretaceous
† <i>Burmascutum</i> Wunderlich, 2008d .....	Cretaceous
219. <i>Burmascutum aenigma</i> Wunderlich, 2008d* .....	K Myanmar amber
† SALTICOIDIDAE Wunderlich, 2008d .....	Cretaceous
† <i>Salticoidus</i> Wunderlich, 2008d .....	Cretaceous
220. <i>Salticoidus kaddumiorum</i> Wunderlich, 2008d* .....	K Jordanian amber
<b>'CANOE TAPETUM' CLADE</b> .....	<b>Triassic – Recent</b>
<b>ORBICULARIAE</b> Walckenaer, 1802 .....	<b>Triassic – Recent</b>
<b>DEINOPOIDEA</b> C. L. Koch, 1851 .....	<b>Cretaceous – Recent</b>
<b>DEINOPIIDAE</b> C. L. Koch, 1851 .....	<b>Cretaceous – Recent</b>
<i>Deinopis</i> MacLeay, 1839 .....	<b>Quaternary – Recent</b>
221. <i>Deinopis ?madagascariensis</i> Lenz, 1886 <b>[Recent]</b> .....	Qt Madagascar copal
<b>Menneus</b> Simon, 1876b .....	<b>Palaeogene – Recent</b>
222. <i>?Menneus pietrzeniukae</i> Wunderlich, 2004g .....	Pa Baltic amber
<i>?Menneus</i> sp. 1–3 in Wunderlich (2004g) .....	Pa Baltic amber
† <i>Palaeomicromennus</i> Penney, 2003b .....	<b>Cretaceous</b>
223. <i>Palaeomicromennus lebanensis</i> Penney, 2003b* .....	K Lebanese amber
<b>ULOBORIDAE</b> Thorell, 1869 .....	<b>Cretaceous – Recent</b>
Uloboridae indet. in Wunderlich (2011f) .....	Qt Madagascar copal
† <i>Burmuloborus</i> Wunderlich, 2008d .....	<b>Cretaceous</b>
224. <i>Burmuloborus parvus</i> Wunderlich, 2008d* .....	K Myanmar amber
† <i>Eomiagrammopes</i> Wunderlich, 2004f .....	<b>Palaeogene</b>
225. <i>Eomiagrammopes maior</i> Wunderlich, 2004f .....	Pa Baltic amber
226. <i>Eomiagrammopes minor</i> Wunderlich, 2004f .....	Pa Baltic amber
227. <i>Eomiagrammopes semiapertus</i> Wunderlich, 2011h .....	Pa Baltic amber
228. <i>Eomiagrammopes singularis</i> Wunderlich, 2004f* .....	Pa Baltic amber
229. <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>
230. <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	
231. <i>Hyptiotes convexus</i> Wunderlich, 2004f .....	Pa Baltic amber
232. <i>Hyptiotes glaber</i> Wunderlich, 2004f .....	Pa Baltic amber
233. <i>Hyptiotes saetosus</i> Wunderlich, 2004f .....	Pa Baltic amber
234. <i>Hyptiotes stellatus</i> Wunderlich, 2004f .....	Pa Baltic amber
235. <i>Hyptiotes triqueter</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
† <b>Jerseyuloborus Wunderlich, 2011i</b> .....	<b>Cretaceous</b>
236. <i>Jerseyuloborus longisoma</i> Wunderlich, 2011i* .....	K New Jersey amber
<b>Miagrammopes O. P.-Cambridge, 1870</b> .....	<b>Neogene – Recent</b>
237. <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>Opellianus Wunderlich, 2004f</b> .....	<b>Palaeogene</b>
238. <i>Opellianus excellens</i> Wunderlich, 2004f* .....	Pa Baltic amber
239. <i>Opellianus kazimierasi</i> Wunderlich 2004f .....	Pa Baltic amber
240. <i>Opellianus ludwigi</i> Wunderlich 2004f .....	Pa Baltic amber
† <b>Palaeomiagrammopes Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
241. <i>Palaeomiagrammopes vesica</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b>Palaeouloborus Selden, 1990</b> .....	<b>Cretaceous</b>
242. <i>Palaeouloborus lacasae</i> Selden, 1990* .....	K Sierra de Montsech
† <b>Paramiagrammopes Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
243. <i>Paramiagrammopes cretaceus</i> Wunderlich, 2008d* .....	K Myanmar amber
<i>Paramiagrammopes</i> sp. in Wunderlich (2008d) .....	K Myanmar amber
† <b>Ulobomopes Wunderlich, 2004f</b> .....	<b>Palaeogene</b>
244. <i>Ulobomopes unicus</i> Wunderlich, 2004f* .....	Pa Baltic amber
<b>ARANEOIDEA Latreille, 1806</b> .....	<b>Triassic – Recent</b>
Araneoidea fam indet. in Wunderlich (2008d) .....	K Myanmar amber
† <b>Mesarania Hong, 1984</b> .....	<b>Jurassic</b>
245. <i>Mesarania hebeiensis</i> Hong, 1984* .....	J Hebei, China
<b>CYATHOLIPIDAE Simon, 1894</b> .....	<b>Palaeogene – Recent</b>
= TEEMENAARIDAE Davies, 1978	
† <b>Balticolipus Wunderlich, 2004m</b> .....	<b>Palaeogene</b>
246. <i>Balticolipus kruemmeri</i> Wunderlich, 2004m* .....	Pa Baltic / Bitt. amber
† <b>Cyathosuccinus Wunderlich, 2004m</b> .....	<b>Palaeogene</b>
247. <i>Cyathosuccinus elongatus</i> Wunderlich, 2004m* .....	Pa Baltic amber
† <b>Erigolipus Wunderlich, 2004m</b> .....	<b>Palaeogene</b>



248. *Erigolipus griswoldi* Wunderlich, 2004m\* ..... Pa Baltic amber
- † ***Spinilipus* Wunderlich, 1993b** ..... **Palaeogene**
249. *Spinilipus bispinosus* Wunderlich, 2004m ..... Pa Bitterfeld amber
250. *Spinilipus curvatus* Wunderlich, 2004m ..... Pa Bitterfeld amber
251. *Spinilipus glinki* Wunderlich, 2004m ..... Pa Baltic amber
252. *Spinilipus kerneggeri* Wunderlich, 1993b\* ..... Pa Baltic amber
253. *Spinilipus longembolus* Wunderlich, 2004m ..... Pa Baltic amber
- † ***Succinilipus* Wunderlich, 1993b** ..... **Palaeogene**
254. *Succinilipus abditus* Wunderlich, 2004m ..... Pa Baltic / Bitt. amber
255. *Succinilipus aspinosus* Wunderlich, 2004m ..... Pa Bitterfeld amber
256. *Succinilipus saxoniensis* Wunderlich, 1993b ..... Pa Bitterfeld amber
257. *Succinilipus similis* Wunderlich, 2004m ..... Pa Bitterfeld amber
258. *Succinilipus teuberi* Wunderlich, 1993b\* ..... Pa Baltic amber
- Succinilipus* sp. in Wunderlich (2004m) ..... Pa Baltic / Bitt. amber
- SYNOTAXIDAE Simon, 1894** ..... **Palaeogene – Recent**
- † ***Acrometa* Petrunkevitch, 1942** ..... **Palaeogene**
- = † *Eogonatium* Petrunkevitch, 1942
- = † *Liticen* Petrunkevitch, 1942
- = † *Theridiometa* Petrunkevitch, 1942
- = † *Viocurus* Petrunkevitch, 1958
259. *Acrometa clava* Wunderlich, 2004n ..... Pa Baltic amber
260. *Acrometa cristata* Petrunkevitch, 1942\* ..... Pa NE Europe ambers
- i. = *Theridiometa edwardsi* Petrunkevitch, 1942 ..... Pa Baltic amber
- ii. = *Viocurus fossilis* Petrunkevitch, 1958 ..... Pa Baltic amber
261. *Acrometa eichmanni* Wunderlich, 2004n ..... Pa Baltic amber
262. *Acrometa incidens* Wunderlich, 2004n ..... Pa Baltic amber
263. *Acrometa minutum* (Petrunkevitch, 1942) ..... Pa Baltic amber
264. *Acrometa pala* Wunderlich, 2004n ..... Pa Baltic amber
265. *Acrometa robusta* (Petrunkevitch, 1942) ..... Pa Baltic amber
266. *Acrometa pseudorobusta* Dunlop & Jekel, 2009 ..... Pa Baltic amber
- i. = *Acrometa robusta* (Petrunkevitch, 1946) [preoccupied]
267. *Acrometa samlandica* (Petrunkevitch, 1942) ..... Pa Baltic amber
268. *Acrometa setosus* (Petrunkevitch, 1942) ..... Pa Baltic amber
269. *Acrometa succini* Petrunkevitch, 1942 ..... Pa Baltic amber
- † ***Anandrus* Menge, 1856** ..... **Palaeogene**
- = † *Elucus* Petrunkevitch, 1942
270. *Anandrus inermis* (Petrunkevitch, 1942) ..... Pa Baltic amber
271. *Anandrus infelix* (Petrunkevitch, 1950)\* ..... Pa Baltic amber
272. *Anandrus quaesitus* (Petrunkevitch, 1958) ..... Pa Baltic amber
273. *Anandrus redemptus* (Petrunkevitch, 1958) ..... Pa Baltic amber
- † ***Chelicerinus* Wunderlich, 2008a** ..... **Palaeogene**

274. <i>Chelicerinus abnormis</i> Wunderlich, 2008a .....	Pa Bitterfeld amber
† <b>Cornuanandrus Wunderlich, 1986</b> .....	<b>Palaeogene</b>
275. <i>Cornuanandrus bifurcatus</i> Wunderlich, 2004n .....	Pa Bitterfeld amber
276. <i>Cornuanandrus bitterfeldensis</i> Wunderlich, 2004n .....	Pa Bitterfeld amber
277. <i>Cornuanandrus corniculans</i> Wunderlich, 2004n .....	Pa Baltic amber
278. <i>Cornuanandrus maior</i> Wunderlich, 1986* .....	Pa Baltic amber
279. <i>Cornuanandrus minor</i> Wunderlich, 2004n .....	Pa Baltic amber
† <b>Dubiosynotaxus Wunderlich, 2004n</b> .....	<b>Palaeogene</b>
280. <i>Dubiosynotaxus perfectus</i> Wunderlich, 2004n* .....	Pa Baltic amber
† <b>Eosynotaxus Wunderlich, 2004n</b> .....	<b>Palaeogene</b>
281. <i>Eosynotaxus bispinosus</i> Wunderlich, 2004n .....	Pa Baltic amber
282. <i>Eosynotaxus bitterfeldensis</i> Wunderlich, 2004n .....	Pa Bitterfeld amber
283. <i>Eosynotaxus custodens</i> Wunderlich, 2004n .....	Pa Baltic amber
284. <i>Eosynotaxus fastigatus</i> Wunderlich, 2004n .....	Pa Baltic amber
285. <i>Eosynotaxus paucispina</i> Wunderlich, 2004n .....	Pa Baltic amber
286. <i>Eosynotaxus spinipes</i> Wunderlich, 2004n .....	Pa Baltic amber
287. <i>Eosynotaxus wegneri</i> Wunderlich, 2004n* .....	Pa Baltic amber
† <b>Gibbersynotaxus Wunderlich, 2004n</b> .....	<b>Palaeogene</b>
288. <i>Gibbersynotaxus parvus</i> Wunderlich, 2004n* .....	Pa Baltic amber
† <b>Protophysoglenes Wunderlich, 2004n</b> .....	<b>Palaeogene</b>
289. <i>Protophysoglenes impressum</i> Wunderlich, 2004n* .....	Pa Baltic amber
† <b>Pseudoacrometa Wunderlich, 1986</b> .....	<b>Palaeogene</b>
290. <i>Pseudoacrometa gracilipes</i> Wunderlich, 1986* .....	Pa Baltic amber
291. <i>Pseudoacrometa wittmanni</i> Wunderlich, 2004n .....	Pa Baltic amber
† <b>Succinitaxus Wunderlich, 2004n</b> .....	<b>Palaeogene</b>
292. <i>Succinitaxus brevis</i> Wunderlich, 2004n* .....	Pa Baltic/Bitt. amber
293. ? <i>Succinitaxus minutus</i> Wunderlich, 2004n .....	Pa Baltic amber
† <b>Sulcosynotaxus Wunderlich, 2004n</b> .....	<b>Palaeogene</b>
294. <i>Sulcosynotaxus cavatus</i> Wunderlich, 2004n* .....	Pa Baltic amber
<b>NESTICIDAE Simon, 1894</b> .....	<b>Palaeogene – Recent</b>
† <b>Balticonesticus Wunderlich, 1986</b> .....	<b>Palaeogene</b>
295. <i>Balticonesticus flexuosus</i> Wunderlich, 1986* .....	Pa Baltic amber
<b>Eidmanella Roewer, 1935</b> .....	<b>Quaternary</b>
296. <i>Eidmanella pallida</i> (Emerton, 1875) <b>[Recent]</b> .....	Qt Madagascar copal
† <b>Eopopino Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
297. <i>Eopopino budrysi</i> Eskov & Marusik, 1992 .....	Pa Baltic amber
298. <i>Eopopino inopinatus affinis</i> Wunderlich, 1986 .....	Pa Baltic amber
299. <i>Eopopino inopinatus inopinatus</i> Wunderlich, 1986 .....	Pa Baltic amber
300. <i>Eopopino longipes</i> Petrunkevitch, 1942* .....	Pa Baltic amber
301. <i>Eopopino palanga</i> Eskov & Marusik, 1992 .....	Pa Baltic amber

302. <i>Eopopino rarus rarus</i> Wunderlich, 1986 .....	Pa Baltic amber
303. <i>Eopopino rarus solitarius</i> Wunderlich, 1986 .....	Pa Baltic amber
304. <i>Eopopino rudloffii</i> Wunderlich, 2004o .....	Pa Bitterfeld amber
<i>Eopopino</i> sp. in Wunderlich (1986) .....	Pa Bitterfeld amber
† <b>Heteronesticus Wunderlich, 1986</b> .....	<b>Palaeogene</b>
305. <i>Heteronesticus magnoparacymbialis</i> Wunderlich, 1986* .....	Pa Baltic amber
† <b>Hispanonesticus Wunderlich, 1986</b> .....	<b>Neogene</b>
306. <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. in Nishikawa (1974) .....	Qt Mizunami copal
<b>Achaearanae Strand, 1929</b> .....	<b>Neogene – Recent</b>
307. <i>Achaearanae extincta</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Achaearanae</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b>Argyrodes Simon, 1864</b> .....	<b>Neogene – Recent</b>
308. <i>Argyrodes (Ariamnes) copalis</i> Wunderlich, 2008b .....	Qt Colombian copal
309. <i>Argyrodes (Ariamnes) resina</i> Wunderlich, 2011f .....	Qt Madagascar copal
310. <i>Argyrodes (Rhomphaea) gibbifera</i> Wunderlich, 2004as .....	Qt Madagascar copal
311. <i>Argyrodes parvipatellaris</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Argyrodes</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b>Balticoridion Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
312. <i>Balticoridion dubium</i> Wunderlich, 2008b* .....	Pa Baltic / Bitt. amber
† <b>Balticpholcomma Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
313. <i>Balticpholcomma scutatum</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Caudasinus Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
314. <i>Caudasinus bispinosus</i> Wunderlich, 2008b .....	Pa Baltic amber
315. <i>Caudasinus caudatus</i> Wunderlich, 2008b* .....	Pa Baltic amber
316. <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>
317. <i>Chrosiothes biconigerus</i> Wunderlich, 1988 .....	Ne Dominican amber
318. <i>Chrosiothes curvispinosus</i> Wunderlich, 1988 .....	Ne Dominican amber
319. <i>Chrosiothes emulgatus</i> Wunderlich, 1988 .....	Ne Dominican amber
320. <i>Chrosiothes longispinosus</i> Wunderlich, 1988 .....	Ne Dominican amber
321. <i>Chrosiothes monoceros</i> Wunderlich, 1988 .....	Ne Dominican amber
322. <i>Chrosiothes tumulus</i> Wunderlich, 1988 .....	Ne Dominican amber
323. <i>Chrosiothes unicornis</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Chryso O. P.-Cambridge, 1882a</b> .....	<b>Neogene – Recent</b>
324. <i>Chryso conspicua</i> Wunderlich, 1988 .....	Ne Dominican amber

325. <i>Chryso dubia</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Clavibertus Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
326. <i>Clavibertus parvus</i> Wunderlich, 2008b .....	Pa Baltic amber
327. <i>Clavibertus prominens</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Clya C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
328. <i>Clya abdita</i> Wunderlich, 2008b .....	Pa Baltic amber
329. <i>Clya lugubris</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
330. <i>Clya calefacta</i> Wunderlich, 2008b .....	Pa Baltic amber
331. <i>Clya gracilis</i> (Petrunkevitch, 1958) .....	Pa Baltic amber
332. <i>Clya granulata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
333. <i>Clya obscura</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
334. <i>Clya rotata</i> Wunderlich, 2008b .....	Pa Baltic amber
335. <i>Clya supercalefacta</i> Wunderlich, 2008b .....	Pa Baltic amber
336. <i>Clya superspiralis</i> Wunderlich, 2008b .....	Pa Baltic amber
337. <i>Clya tricurvata</i> Wunderlich, 2008b .....	Pa Baltic amber
† <b>Cornutidion Wunderlich, 1988</b> .....	<b>Neogene</b>
338. <i>Cornutidion elongatum</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>Craspedisia Simon, 1894</b> .....	<b>Neogene – Recent</b>
<i>Craspedisia</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b>Cymbiopholcomma Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
339. <i>Cymbiopholcomma dudum</i> Wunderlich, 2008b* .....	Pa Baltic amber
340. <i>Cymbiopholcomma spiculum</i> Wunderlich, 2008b .....	Pa Baltic amber
† <b>Dipoenata Wunderlich, 1988</b> .....	<b>Neogene</b>
341. <i>Dipoenata altiocolata</i> Wunderlich, 1988 .....	Ne Dominican amber
342. <i>Dipoenata cala</i> Wunderlich, 1988 .....	Ne Dominican amber
343. <i>Dipoenata clypeata</i> Wunderlich, 1988 .....	Ne Dominican amber
344. <i>Dipoenata globulus</i> Wunderlich, 1988 .....	Ne Dominican amber
345. <i>Dipoenata praedominicana</i> (Wunderlich, 1986) .....	Qt Dominican copal
346. <i>Dipoenata stipes</i> Wunderlich, 1988* .....	Ne Dominican amber
347. <i>Dipoenata yolandae</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Dipoenata</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
† <b>Eoasagena Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
348. <i>Eoasagena scutata</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Eolyrifer Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
349. <i>Eolyrifer longitibialis</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b>Eomysmena Petrunkevitch, 1942</b> .....	<b>Palaeogene – Neogene</b>
= † <i>Antopia</i> Menge, 1854 [tentative synonymy]	
= † <i>Astodipoena</i> Petrunkevitch, 1958	
= † <i>Eodipoena</i> Petrunkevitch, 1942	
350. <i>Eomysmena asta</i> Petrunkevitch, 1971 .....	Ne Chiapas amber
351. <i>Eomysmena aviceps</i> Wunderlich, 2008b .....	Pa Baltic amber

352. *Eomysmena calefacta* Wunderlich, 2008b ..... Pa Baltic amber
353. *Eomysmena crassa* (Petrunkevitch, 1958) ..... Pa Baltic amber
354. *Eomysmena baltica* Petrunkevitch, 1946 ..... Pa Baltic amber
355. '*Eomysmena*' *bassleri* (Petrunkevitch, 1942) ..... Pa Baltic amber
356. ?*Eomysmena kaestneri* (Petrunkevitch, 1958) ..... Pa Baltic amber
357. *Eomysmena militaris* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
358. *Eomysmena moritura* Petrunkevitch, 1942\* ..... Pa Baltic amber
- i. = *Eomysmena consulta* (Petrunkevitch, 1958)  
[tentative synonymy] ..... Pa Baltic amber
359. *Eomysmena nielseni* (Petrunkevitch, 1958) ..... Pa Baltic amber
360. *Eomysmena oculata* (Petrunkevitch, 1942) ..... Pa Baltic amber
361. *Eomysmena punctulata* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
362. *Eomysmena recta* Wunderlich, 2008b ..... Pa Baltic amber
363. *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**
364. *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]
365. *Episinus anapidaeque* Wunderlich, 2008b ..... Pa Baltic amber
366. *Episinus antecognatus* Wunderlich, 1986 ..... Qt Dominican copal
367. *Episinus appendix* Wunderlich, 2008b ..... Pa Baltic amber
368. *Episinus arrodens* Wunderlich, 2008b ..... Pa Baltic amber
369. *Episinus balticus* Marusik & Penney, 2004 ..... Pa Baltic / Bitt. amber
370. *Episinus brevipalpus* Wunderlich, 1988 ..... Ne Dominican amber
371. *Episinus bulla* Wunderlich, 2008b ..... Pa Baltic amber
372. *Episinus chiapasanus* (Petrunkevitch, 1971) ..... Ne Chiapas amber
373. *Episinus clunis* Wunderlich, 2008b ..... Pa Baltic amber
374. *Episinus cochlear* Wunderlich, 2008b ..... Pa Baltic amber
375. *Episinus cornutus* Wunderlich, 1988 ..... Ne Dominican amber
376. *Episinus cymbialis* Wunderlich, 2008b ..... Pa Baltic amber
377. *Episinus dimidius* Wunderlich, 2008b ..... Pa Baltic amber
378. *Episinus eskovi* Marusik & Penney, 2004 ..... Pa Baltic amber
379. *Episinus isopteraque* Wunderlich, 2008b ..... Pa Baltic amber
380. *Episinus latus* Wunderlich, 2008b ..... Pa Baltic amber
381. *Episinus longimanus* (C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
- i. = *Malleator niger* Petrunkevitch, 1942 ..... Pa Baltic amber
382. *Episinus longisoma* Wunderlich, 2008b ..... Pa Baltic amber

383.	<i>Episinus minutus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
384.	<i>Episinus mordellidaeque</i> Wunderlich, 2008b	Pa	Baltic amber
385.	<i>Episinus musculus</i> Wunderlich, 2008b	Pa	Baltic amber
386.	<i>Episinus mutilus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
387.	<i>Episinus nausticymbium</i> Wunderlich, 2008b	Pa	Baltic amber
388.	<i>Episinus neglectus</i> (Petrunkevitch, 1942)	Pa	Baltic amber
389.	<i>Episinus penneyi</i> Garcia-Villafuerte, 2006a	Ne	Chiapas amber
390.	<i>Episinus praecognatus</i> Wunderlich, 1982	Ne	Dominican amber
391.	<i>Episinus pulcher</i> (Petrunkevitch, 1942)	Pa	Baltic amber
392.	<i>Episinus regalis</i> (Petrunkevitch, 1958)	Pa	Baltic amber
393.	<i>Episinus stridulus</i> (Petrunkevitch, 1958)	Pa	Baltic amber
394.	<i>Episinus tibiaseta</i> Wunderlich, 2011g	Ne	Dominican amber
395.	<i>Episinus transversus</i> Wunderlich, 2008b	Pa	Baltic amber
396.	<i>Episinus tuberosus</i> Wunderlich, 1988	Ne	Dominican amber
	<i>Episinus</i> spp. in Wunderlich (2008b)	Pa	Baltic amber
	<b>Euryopsis Menge, 1868</b>		<b>Palaeogene – Recent</b>
397.	? <i>Euryopsis araneoides</i> Wunderlich, 2008b	Pa	Baltic amber
398.	<i>Euryopsis bitterfeldensis</i> Wunderlich, 2008b	Pa	Baltic / Bitt. amber
399.	<i>Euryopsis nexus</i> Wunderlich, 2008b	Pa	Baltic amber
400.	<i>Euryopsis streyi</i> Wunderlich, 2008b	Pa	Baltic / Bitt. amber
†	<b>Euryopus Menge in C. L. Koch &amp; Berendt, 1854</b>		<b>Palaeogene</b>
401.	<i>Euryopus gracilipes</i> Menge in C. L. Koch & Berendt, 1854*	Pa	Baltic amber
	<b>Faiditus Keyserling, 1884</b>		<b>Neogene – Recent</b>
402.	<i>Faiditus crassipatellaris</i> (Wunderlich, 1988)	Ne	Dominican amber
†	<b>Femurraptor Wunderlich, 2011g</b>		<b>Neogene</b>
403.	<i>Femurraptor dominicanus</i> Wunderlich, 2011g*	Ne	Dominican amber
†	<b>Globulidion Wunderlich, 2008b</b>		<b>Palaeogene</b>
404.	<i>Globulidion cochlea</i> Wunderlich, 2008b*	Pa	Baltic amber
†	<b>Hirsutipalpus Wunderlich, 2008b</b>		<b>Palaeogene</b>
405.	<i>Hirsutipalpus varipes</i> Wunderlich, 2008b*	Pa	Baltic / Bitt. Amber
†	<b>Kochiuridion Wunderlich, 2008b</b>		<b>Palaeogene</b>
406.	<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 in Wunderlich (2008b)]		
407.	<i>Lasaeola acumen</i> Wunderlich, 2008b	Pa	Baltic amber
408.	<i>Lasaeola baltica</i> (Marusik & Penney, 2004)	Pa	Baltic amber
409.	<i>Lasaeola bitterfeldensis</i> Wunderlich, 2008b	Pa	Bitterfeld amber
410.	<i>Lasaeola communis</i> Wunderlich, 2008b	Pa	Baltic amber
411.	<i>Lasaeola (Nactodipoena) dunbari</i> (Petrunkevitch, 1942)	Pa	Baltic amber
412.	? <i>Lasaeola furca</i> Wunderlich, 2008b	Pa	Baltic amber
413.	<i>Lasaeola germanica</i> (Petrunkevitch, 1958)	Pa	Baltic amber

414. <i>Lasaeola infulata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic / Bitt. Amber
415. <i>Lasaeola larvaque</i> Wunderlich, 2008 <i>b</i> .....	Pa Baltic amber
416. <i>Lasaeola latusulci</i> Wunderlich, 2008 <i>b</i> .....	Pa Baltic amber
417. <i>Lasaeola pristina</i> (Wunderlich, 1986) .....	Ne Dominican amber
418. <i>Lasaeola puta</i> Wunderlich, 1988 .....	Ne Dominican amber
419. <i>Lasaeola sexsaetosa</i> Wunderlich, 2008 <i>b</i> .....	Pa Baltic amber
420. ? <i>Lasaeola sigillata</i> Wunderlich, 2008 <i>b</i> .....	Pa Bitterfeld amber
421. <i>Lasaeola vicina</i> (Wunderlich, 1982) .....	Ne Dominican amber
422. <i>Lasaeola vicinoides</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Lasaeola</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<i>Lasaeola</i> spp. in Wunderlich (2008 <i>b</i> ) .....	Pa Baltic / Bitt. amber
† <b>Medela Petrunkevitch, 1942</b> [?Theridiidae, cf. Wunderlich (2008 <i>b</i> )] .....	<b>Palaeogene</b>
423. <i>Medela baltica</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Mimetidion Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
424. <i>Mimetidion furca</i> Wunderlich, 2008 <i>b</i> * .....	Pa Baltic amber
† <b>Nanomysmena Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
425. <i>Nanomysmena aculeata</i> Petrunkevitch, 1958 .....	Pa Baltic amber
426. <i>Nanomysmena munita</i> Petrunkevitch, 1958 .....	Pa Baltic amber
427. <i>Nanomysmena palanga</i> Marusik & Penney, 2004 .....	Pa Baltic amber
428. <i>Nanomysmena petrunkevitchi</i> Marusik & Penney, 2004 .....	Pa Baltic amber
429. <i>Nanomysmena pseudogracilis</i> Marusik & Penney, 2004 .....	Pa Baltic amber
† <b>Nanosteatoda Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
430. <i>Nanosteatoda breviscutum</i> Wunderlich, 2008 <i>b</i> .....	Pa Baltic amber
431. <i>Nanosteatoda trisetae</i> Wunderlich, 2008 <i>b</i> .....	Pa Baltic amber
† <b>Obscuropholcomma Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
432. <i>Obscuropholcomma tegens</i> Wunderlich, 2008 <i>b</i> * .....	Pa Baltic amber
<b>Phoroncidia Westwood, 1835</b> .....	<b>Quaternary – Recent</b>
433. <i>Phoroncidia ?aculeata</i> Westwood, 1835 <b>[Recent]</b> .....	Qt Madagascan copal
† <b>Praetereuryopsis Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
434. <i>Praetereuryopsis phoroncidoides</i> Wunderlich, 2008 <i>b</i> * .....	Pa Baltic amber
† <b>Pronepos Petrunkevitch, 1963</b> .....	<b>Neogene</b>
435. <i>Pronepos exilis</i> Petrunkevitch, 1963* .....	Ne Chiapas amber
436. <i>Pronepos fossilis</i> Petrunkevitch, 1963 .....	Ne Chiapas amber
† <b>Protosteatoda Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
437. <i>Protosteatoda gutta</i> Wunderlich, 2008 <i>b</i> .....	Pa Baltic amber
† <b>Pseudoteutana Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
438. <i>Pseudoteutana stigmatorosa</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Eomysmena stridens</i> Petrunkevitch, 1958 .....	Pa Baltic amber
ii. = <i>Flegia succini</i> Petrunkevitch, 1942 .....	Pa Baltic amber
† <b>Rugapholcomma Wunderlich, 2008<i>b</i></b> .....	<b>Palaeogene</b>
439. <i>Rugapholcomma patellaris</i> Wunderlich, 2008 <i>b</i> * .....	Pa Baltic amber

† <b><i>Spinisinus</i> Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
440. <i>Spinisinus parvioculi</i> Wunderlich, 2008b .....	Pa Baltic amber
441. <i>Spinisinus splendidus</i> Wunderlich, 2008b* .....	Pa Baltic amber
† <b><i>Spinitharinus</i> Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
442. <i>Spinitharinus bulbosus</i> Wunderlich, 2008b* .....	Pa Baltic / Bitt. amber
443. <i>Spinitharinus cheliceratus</i> Wunderlich, 2008b .....	Pa Baltic / Bitt. amber
444. <i>Spinitharinus coniectens</i> Wunderlich, 2008b .....	Pa Baltic amber
445. <i>Spinitharinus curvatus</i> Wunderlich, 2008b .....	Pa Baltic amber
446. <i>Spinitharinus cymbiosesta</i> Wunderlich, 2008b .....	Pa Baltic amber
<i>Spinitharinus</i> spp. in Wunderlich (2008b) .....	Pa Baltic amber
<b><i>Spintharus</i> Hentz, 1850</b> .....	<b>Neogene – Recent</b>
447. <i>Spintharus longisoma</i> Wunderlich, 1988 .....	Ne Dominican amber
<b><i>Steatoda</i> Sundevall, 1833</b> .....	<b>?Palaeogene – Recent</b>
448. ' <i>Steatoda</i> ' <i>anticus</i> (Berland, 1939) .....	Pa Baltic amber
<b><i>Stemmops</i> O. P.-Cambridge, 1894</b> .....	<b>Neogene – Recent</b>
449. <i>Stemmops incertus</i> Wunderlich, 1988 .....	Ne Dominican amber
450. <i>Stemmops prominens</i> Wunderlich, 1988 .....	Ne Dominican amber
<b><i>Styposis</i> Simon, 1894</b> .....	<b>Neogene – Recent</b>
451. <i>Styposis pholcoides</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b><i>Succinobertus</i> Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
452. <i>Succinobertus adjacens</i> Wunderlich, 2008b* .....	Pa Baltic / Bitt. Amber
† <b><i>Succinura</i> Wunderlich, 2008b</b> .....	<b>Palaeogene</b>
453. <i>Succinura aciesaeta</i> Wunderlich, 2008b .....	Pa Baltic amber
454. <i>Succinura bellavista</i> Wunderlich, 2008b* .....	Pa Baltic amber
455. <i>Succinura circuita</i> Wunderlich, 2008b .....	Pa Baltic amber
456. <i>Succinura dubia</i> Wunderlich, 2008b .....	Pa Baltic amber
457. <i>Succinura fuscoruber</i> Wunderlich, 2008b .....	Pa Baltic amber
458. <i>Succinura ovalis</i> Wunderlich, 2008b .....	Pa Baltic amber
<i>Succinura</i> sp. in Wunderlich (2008b) .....	Pa Baltic amber
<b><i>Theridion</i> Walckenaer, 1805</b> .....	<b>?Cretaceous – Recent</b>
459. ' <i>Theridion</i> ' <i>alutaceum</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
460. <i>Theridion annulipes</i> Heer, 1865 .....	Ne Öhningen
461. <i>Theridion atalus</i> Chang, 2004 [both generic and familial assignment unreliable!] .....	K Jehol Biota
462. ' <i>Theridion</i> ' <i>berendti</i> Marusik & Penney, 2004 .....	Pa Baltic amber
i. = <i>Theridion globosa</i> C. L. Koch & Berendt, 1854 [preoccupied]	
463. <i>Theridion bucklandi</i> Thorell, 1870a .....	Pa Aix-en-Provence
464. <i>Theridion contrarium</i> Wunderlich, 1988 .....	Ne Dominican amber
465. <i>Theridion crassipalpus</i> Berland, 1939 .....	Pa Aix-en-Provence
466. ' <i>Theridion</i> ' <i>detersum</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
467. <i>Theridion erectoides</i> Wunderlich, 1988 .....	Ne Dominican amber



468.	<i>Theridion erectum</i> Wunderlich, 1988	Ne	Dominican amber
469.	' <i>Theridion</i> ' <i>globosus</i> (Presl, 1822)	Pa	Baltic amber
470.	<i>Theridion globulus</i> Heer, 1865	Ne	Öhningen
471.	' <i>Theridion</i> ' <i>hirtum</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
472.	<i>Theridion inversum</i> Wunderlich, 1988	Ne	Dominican amber
473.	<i>Theridion maculipes</i> Heer, 1865	Ne	Öhningen
474.	' <i>Theridion</i> ' <i>oblongum</i> (Presl, 1822)	Pa	Baltic amber
475.	' <i>Theridion</i> ' <i>ovale</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
476.	' <i>Theridion</i> ' <i>ovatum</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
477.	' <i>Theridion</i> ' <i>simplex</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
478.	<i>Theridion variosoma</i> Wunderlich, 1988	Ne	Dominican amber
479.	<i>Theridion wunderlichi</i> Penney, 2001	Ne	Dominican amber
	i. = <i>Theridion ovale</i> Wunderlich, 1988 [preoccupied]		
†	<b><i>Thyelia</i> C. L. Koch &amp; Berendt, 1854</b>		<b>Palaeogene</b>
480.	<i>Thyelia anomala</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
481.	<i>Thyelia convexa</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
482.	<i>Thyelia fossula</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
483.	<i>Thyelia marginata</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
484.	<i>Thyelia pallida</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
485.	<i>Thyelia scotina</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
486.	<i>Thyelia tristis</i> C. L. Koch & Berendt, 1854*	Pa	Baltic amber
487.	<i>Thyelia villosa</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
	<b><i>Ulesanis</i> L. Koch, 1872</b>		<b>Palaeogene – Recent</b>
488.	<i>Ulesanis antecessor</i> Wunderlich, 2008 <i>b</i>	Pa	Baltic Amber
489.	<i>Ulesanis frontprocera</i> Wunderlich, 2008 <i>b</i>	Pa	Baltic Amber
490.	<i>Ulesanis longicymbium</i> Wunderlich, 2008 <i>b</i>	Pa	Baltic Amber
491.	<i>Ulesanis ovalis</i> Wunderlich, 2008 <i>b</i>	Pa	Baltic / Bitt. amber
492.	<i>Ulesanis parva</i> Wunderlich, 2008 <i>b</i>	Pa	Baltic / Bitt. amber
†	<b><i>Unispinatoda</i> Wunderlich, 2008<i>b</i></b>		<b>Palaeogene</b>
493.	<i>Unispinatoda aculeata</i> Wunderlich, 2008 <i>b</i> *	Pa	Baltic / Bitt. Amber
†	<b><i>Vicipholcomma</i> Wunderlich, 2008<i>b</i></b>		<b>Palaeogene</b>
494.	<i>Vicipholcomma spiralis</i> Wunderlich, 2008 <i>b</i> *	Pa	Baltic Amber
	<b>Theridiidae incertae sedis</b>		
495.	' <i>Eomysmena</i> ' <i>succini</i> (Petrunkevitch, 1942)	Pa	Baltic amber
496.	' <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><i>Eocoddingtonia</i> Selden, 2010</b>		<b>Cretaceous</b>
497.	<i>Eocoddingtonia eskovi</i> Selden, 2010*	K	Baissa, Transbaikalia

† <b>Eoepeirotypus Wunderlich, 2004j</b> .....	<b>Palaeogene</b>
498. <i>Eoepeirotypus retrobulbus</i> Wunderlich, 2004j* .....	Pa Baltic amber
<i>Eoepeirotypus</i> sp. in Wunderlich (2004) .....	Pa Bitterfeld amber
† <b>Eotheridiosoma Wunderlich, 2004j</b> .....	<b>Palaeogene</b>
499. ? <i>Eotheridiosoma hamatum</i> Wunderlich, 2011e .....	Pa Baltic amber
500. <i>Eotheridiosoma tuber</i> Wunderlich, 2004j* .....	Pa Bitterfeld amber
501. <i>Eotheridiosoma volutum</i> Wunderlich, 2004j .....	Pa Bitterfeld amber
† <b>Palaeoepeirotypus Wunderlich, 1988</b> .....	<b>Neogene</b>
502. <i>Palaeoepeirotypus iuvenis</i> Wunderlich, 1988* .....	Ne Dominican amber
503. <i>Palaeoepeirotypus iuvenoides</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Spinitheridiosoma Wunderlich, 2004j</b> .....	<b>Palaeogene</b>
NB: type species designated from the wrong genus!	
504. <i>Spinitheridiosoma balticum</i> Wunderlich, 2004j .....	Pa Baltic amber
505. <i>Spinitheridiosoma bispinosum</i> Wunderlich, 2004j .....	Pa Bitterfeld amber
506. <i>Spinitheridiosoma rima</i> Wunderlich, 2004j .....	Pa Baltic amber
<b>Theridiosoma O. P.-Cambridge, 1879b</b> .....	<b>Neogene – Recent</b>
507. <i>Theridiosoma incompletum</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Umerosoma Wunderlich, 2004j</b> .....	<b>Palaeogene</b>
508. <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>
= <b>TEXTRICELLIDAE Hickman, 1945</b>	
† <b>Balticonopsis Wunderlich, 2004k</b> .....	<b>Palaeogene</b>
509. <i>Balticonopsis bispina</i> Wunderlich, 2004k .....	Pa Baltic amber
510. <i>Balticonopsis bitterfeldensis</i> Wunderlich, 2004k .....	Pa Bitterfeld amber
511. <i>Balticonopsis bulbosa</i> Wunderlich, 2004k .....	Pa Baltic amber
512. <i>Balticonopsis ceranowiczae</i> Wunderlich, 2004k .....	Pa Baltic amber
513. <i>Balticonopsis holti</i> Wunderlich, 2004k* .....	Pa Baltic amber
514. <i>Balticonopsis perkovskyi</i> Wunderlich, 2004ar .....	Pa Rovno amber
515. <i>Balticonopsis thomasi</i> Wunderlich, 2004k .....	Pa Baltic amber
<i>Balticonopsis</i> sp. in Wunderlich (2004k) .....	Pa Baltic amber
† <b>Dubianapis Wunderlich, 2004k</b> .....	<b>Palaeogene</b>
516. <i>Dubianapis obscura</i> Wunderlich, 2004k* .....	Pa Baltic amber
† <b>Flagellanapis Wunderlich, 2004k</b> .....	<b>Palaeogene</b>
517. <i>Flagellanapis voigti</i> Wunderlich, 2004k* .....	Pa Baltic/Bitt. Amber
† <b>Fossilanapis Wunderlich, 2004k</b> .....	<b>Palaeogene</b>
518. <i>Fossilanapis anderseri</i> Wunderlich, 2004k .....	Pa Baltic amber
519. <i>Fossilanapis baetcheri</i> Wunderlich, 2004k* .....	Pa Baltic amber
520. <i>Fossilanapis eichmanni</i> Wunderlich, 2004k .....	Pa Baltic amber

521.	<i>Fossilanapis flexiotarsus</i> Wunderlich, 2004k	Pa Baltic amber
522.	<i>Fossilanapis multispinae</i> Wunderlich, 2011h	Pa Baltic amber
523.	<i>Fossilanapis saltans</i> Wunderlich, 2004k	Pa Baltic amber
524.	<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>Palaeoanapis Wunderlich, 1988</b>	<b>Neogene</b>
	525. <i>Palaeoanapis nana</i> Wunderlich, 1988*	Ne Dominican amber
†	<b>Ruganapis Wunderlich, 2004k</b>	<b>Palaeogene</b>
	526. <i>Ruganapis scutata</i> Wunderlich, 2004k*	Pa Baltic amber
†	<b>Saxonanapis Wunderlich, 2004k</b>	<b>Palaeogene</b>
	527. <i>Saxonanapis grabenhorsti</i> Wunderlich, 2004k*	Pa Baltic/Bitt. Amber
†	<b>Tuberanapis Wunderlich, 2004k</b>	<b>Palaeogene</b>
	528. <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 [ <i>nomen nudum</i> ]	
	529. <i>Balticoroma damzeni</i> Wunderlich, 2011h	Pa Baltic amber
	530. <i>Balticoroma ernstorum</i> Wunderlich, 2004k	Pa Baltic/Bitt. amber
	531. <i>Balticoroma gracilipes</i> Wunderlich 2004k	Pa Baltic/Bitt. amber
	532. <i>Balticoroma reschi</i> Wunderlich, 2004k*	Pa Baltic amber
	533. <i>Balticoroma serafinorum</i> Wunderlich, 2004k	Pa Baltic/Bitt. amber
	534. <i>Balticoroma tibialis</i> Wunderlich, 2004k	Pa Baltic amber
	535. <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>
	Mysmeninae sp. in Wunderlich (2004ar)	Pa Rovno amber
†	<b>Dominicanopsis Wunderlich, 2004k</b>	<b>Neogene</b>
	536. <i>Dominicanopsis grimaldii</i> Wunderlich, 2004k*	Ne Dominican amber
†	<b>Eomysmenopsis Wunderlich, 2004k</b>	<b>Palaeogene</b>
	537. <i>Eomysmenopsis spinipes</i> Wunderlich, 2004k*	Pa Baltic / Bitt. Amber
	<b>Mysmena Simon, 1894</b>	<b>Palaeogene – Recent</b>
	538. <i>Mysmena</i> (s.l.) <i>copalis</i> Wunderlich, 2011f	Qt Madagascan copal
	539. <i>Mysmena curvata</i> Wunderlich, 2011h	Pa Baltic amber
	540. <i>Mysmena dominicana</i> Wunderlich, 1998	Qt Madagascan copal
	541. <i>Mysmena fossilis</i> Petrunkevitch, 1971	Ne Chiapas amber
	542. <i>Mysmena groehni</i> Wunderlich, 2004k	Pa Baltic / Bitt. amber
	543. <i>Mysmena grotae</i> Wunderlich, 2004k	Pa Baltic amber
	<b>Mysmenopsis Simon, 1897b</b>	<b>Neogene – Recent</b>
	544. <i>Mysmenopsis lissycoleyae</i> Penney, 2000	Ne Dominican amber

† <b>Palaeomysmena Wunderlich, 2004k</b> .....	<b>Palaeogene</b>
545. <i>Palaeomysmena hoffeinsorum</i> Wunderlich, 2004k* .....	Pa Baltic amber
† <b>BALTSUCCINIDAE Wunderlich, 2004l</b> .....	<b>Palaeogene</b>
† <b>Baltsuccinus Wunderlich, 2004l</b> .....	<b>Palaeogene</b>
546. <i>Baltsuccinus flagellaceus</i> Wunderlich, 2004l* .....	Pa Baltic amber
547. <i>Baltsuccinus similis</i> Wunderlich, 2004l .....	Pa Baltic amber
† <b>PROTHERIDIIDAE Wunderlich, 2004l</b> .....	<b>Cretaceous – Palaeo.</b>
† <b>Praetheridion Wunderlich, 2004l</b> .....	<b>Palaeogene</b>
548. <i>Praetheridion fleissneri</i> Wunderlich, 2004l* .....	Pa Baltic amber
† <b>Protheridion Wunderlich, 2004l</b> .....	<b>Palaeogene</b>
549. <i>Protheridion bitterfeldensis</i> Wunderlich, 2004l .....	Pa Bitterfeld amber
550. <i>Protheridion detritus</i> Wunderlich, 2004l .....	Pa Baltic amber
551. <i>Protheridion obscurum</i> Wunderlich, 2004l .....	Pa Baltic amber
552. <i>Protheridion punctatum</i> Wunderlich, 2004l .....	Pa Baltic amber
553. <i>Protheridion tibialis</i> Wunderlich, 2004l* .....	Pa Baltic amber
† <b>Zarqaraneus Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
554. <i>Zarqaraneus hudaе</i> Wunderlich, 2008d* .....	K Jordanian amber
<b>SYNAPHRIDAE Wunderlich, 1986</b> .....	<b>Palaeogene – Recent</b>
† <b>lardinidis Wunderlich 2004k</b> .....	<b>Palaeogene</b>
555. <i>lardinidis brevipes</i> Wunderlich, 2004k* .....	Pa Baltic amber
<b>PIMOIDAE Wunderlich, 1986</b> .....	<b>Palaeogene – Recent</b>
<b>Pimoa Chamberlin &amp; Ivie, 1943</b> .....	<b>Palaeogene – Recent</b>
556. <i>Pimoa expandens</i> Wunderlich, 2004r .....	Pa Baltic amber
557. <i>Pimoa (Eopimoa) hormigai</i> Wunderlich, 2004r .....	Pa Baltic amber
558. <i>Pimoa inopinata</i> Wunderlich, 2004r .....	Pa Baltic amber
559. <i>Pimoa liedtkei</i> Wunderlich, 2004r .....	Pa Baltic amber
560. <i>Pimoa lingua</i> Wunderlich, 2004r .....	Pa Baltic amber
561. <i>Pimoa (Eopimoa) longiscapus</i> Wunderlich, 2008a .....	Pa Baltic amber
562. <i>Pimoa multicuspuli</i> Wunderlich, 2004r .....	Pa Baltic amber
563. <i>Pimoa (Eopimoa) obruens</i> Wunderlich, 2008a .....	Pa Baltic amber
<i>Pimoa</i> sp. in Wunderlich (2004r) .....	Pa Baltic amber
<i>Pimoa (Eopimoa)</i> sp. in Wunderlich (2008a) .....	Pa Baltic amber
<b>PUMILIOPIDAE Wunderlich, 2008a</b> .....	<b>Palaeogene – Recent</b>
† <b>Pumiliopimoa Wunderlich, 2008a</b> .....	<b>Palaeogene</b>
564. <i>Pumiliopimoa parma</i> Wunderlich, 2008a* .....	Pa Baltic amber
<b>SINOPIMOIDAE Li &amp; Wunderlich, 2008</b> .....	<b>Recent</b>

no fossil record

<b>LINYPHIIDAE Blackwall, 1859</b> .....	<b>Cretaceous – Recent</b>
= MICRYPHANTIDAE Bertkau, 1878a	
= ERIGONIDAE Simon, 1884c	
Linyphiidae gen. et sp. indet <i>in</i> Penney (2002) .....	K New Jersey amber
Linyphiidae gen. et sp. indet <i>in</i> Schmidt <i>et al.</i> (2010) .....	K Ethiopian amber
Linyphiinae gen. et sp. indet <i>in</i> Penney & Selden (2002) .....	K Lebanese amber
† <b>Agynetiphantas Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
565. <i>Agynetiphantas gibbiferus</i> Wunderlich, 2004s* .....	Pa Baltic amber
<b>Ceratinopsis Emerton, 1882</b> .....	<b>Quaternary – Recent</b>
566. <i>Ceratinopsis deformans</i> (Wunderlich, 1998) .....	Qt Madagascan copal
<b>Cnephalocotes Simon, 1884c</b> .....	<b>Quaternary – Recent</b>
567. <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]	
568. <i>Custodela acuta</i> Wunderlich, 2004s .....	Pa Baltic amber
569. <i>Custodela acutula</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
570. <i>Custodela bispina</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
571. <i>Custodela bispinosa</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
572. <i>Custodela cheiracantha</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
573. <i>Custodela clava</i> Wunderlich, 2004s .....	Pa Baltic amber
574. <i>Custodela curva</i> Wunderlich, 2004s .....	Pa Baltic amber
575. <i>Custodela curvata</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
576. <i>Custodela divergens</i> Wunderlich, 2004s .....	Pa Baltic amber
577. <i>Custodela expandens</i> Wunderlich, 2004s .....	Pa Baltic amber
578. <i>Custodela falcata</i> Wunderlich, 2004s .....	Pa Baltic amber
579. <i>Custodela femurspinosa</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
580. <i>Custodela henningseni</i> Wunderlich, 2004s .....	Pa Baltic amber
581. <i>Custodela kochi</i> Wunderlich, 2004s .....	Pa Baltic amber
582. <i>Custodela lamellata</i> (Wunderlich, 1988) .....	Pa Baltic amber
583. <i>Custodela lanx</i> Wunderlich, 2004s .....	Pa Baltic amber
584. <i>Custodela oblonga</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
585. <i>Custodela obtusa</i> Wunderlich, 2004s .....	Pa Baltic amber
586. ? <i>Custodela parva</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
587. <i>Custodela pseudokochi</i> Wunderlich, 2004s .....	Pa Baltic amber
588. <i>Custodela stridulans</i> Wunderlich, 2004s .....	Pa Bitterfeld amber
589. <i>Custodela tenuipes</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
590. <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>
591. <i>Custodelela hamata</i> Wunderlich, 2004s* .....	Pa Bitterfeld amber

† <b><i>Eolabulla</i> Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
592. <i>Eolabulla falcata</i> Wunderlich, 2004s .....	Pa Baltic amber
593. <i>Eolabulla gladiformis</i> Wunderlich, 2004s .....	Pa Baltic amber
594. <i>Eolabulla laminata</i> Wunderlich, 2004s* .....	Pa Baltic amber
595. <i>Eolabulla perforata</i> Wunderlich, 2004s .....	Pa Baltic amber
596. <i>Eolabulla sagitta</i> Wunderlich, 2004s .....	Pa Baltic amber
597. <i>Eolabulla similis</i> Wunderlich, 2004s .....	Pa Baltic amber
<i>Eolabulla</i> sp. 1–2 in Wunderlich (2004s) .....	Pa Baltic amber
† <b><i>Eophantes</i> Wunderlich, 2004s</b> .....	<b>Palaeogene</b>
598. <i>Eophantes complicatus</i> Wunderlich, 2004s* .....	Pa Baltic amber
<b><i>Erigone</i> Audouin, 1826</b> .....	<b>Neogene – Recent</b>
<i>Erigone</i> sp. in Hopkins <i>et al.</i> (1976) .....	Qt Alaska
599. <i>Erigone atra</i> Blackwall, 1833 <b>[Recent]</b> .....	Qt England
600. ? <i>Erigone dechenii</i> Bertkau, 1878b .....	Ne Rott, Germany
<b><i>Floricomus</i> Crosby &amp; Bishop, 1925</b> .....	<b>Neogene – Recent</b>
601. <i>Floricomus fossilis</i> Penney, 2005c .....	Ne Dominican amber
<b><i>Gonatium</i> Menge, 1868</b> .....	<b>Quaternary – Recent</b>
602. <i>Gonatium rubens</i> (Blackwall, 1833) <b>[Recent]</b> .....	Qt England
<b><i>Hypselistes</i> Simon, 1894</b> .....	<b>Quaternary – Recent</b>
603. <i>Hypselistes jacksoni</i> (O. P.-Cambridge, 1902) <b>[Recent]</b> .....	Qt England
<b><i>Linyphia</i> Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
604. <i>Linyphia andraei</i> Bertkau, 1878b .....	Ne Rott, Germany
605. <i>Linyphia byrami</i> Cockerell, 1925 .....	Pa Green River
606. <i>Linyphia florissantii</i> Petrunkevitch, 1922 .....	Pa Florissant
607. <i>Linyphia pachygnathoides</i> Petrunkevitch, 1922 .....	Pa Florissant
608. <i>Linyphia quievreuxi</i> Berland, 1939 .....	Pa Aix-en-Provence
609. <i>Linyphia retensa</i> Scudder, 1890a .....	Pa Florissant
610. <i>Linyphia rottensis</i> Bertkau, 1878b .....	Ne Rott, Germany
611. <i>Linyphia seclusa</i> (Scudder, 1890a) .....	Pa Florissant
† <b><i>Malepellis</i> Petrunkevitch, 1971</b> .....	<b>Neogene</b>
612. <i>Malepellis extincta</i> Petrunkevitch, 1971* .....	Ne Chiapas amber
<b><i>Meioneta</i> Hull, 1920</b> .....	<b>Neogene – Recent</b>
613. <i>Meioneta bigibber</i> (Wunderlich, 1988) .....	Ne Dominican amber
614. <i>Meioneta fastigata</i> (Wunderlich, 1988) .....	Ne Dominican amber
615. <i>Meioneta separata</i> (Wunderlich, 1988) .....	Ne Dominican amber
<i>Meioneta</i> sp. in Wunderlich (1988) .....	Ne Dominican amber
<b><i>Micryphantes</i> C. L. Koch, 1833</b> .....	<b>Palaeogene</b>
616. <i>Micryphantes molybdinus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
617. <i>Micryphantes regularis</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b><i>Mystagogus</i> Petrunkevitch, 1942</b> ...[Wunderlich suggests possibly in Cyatholipidae] .....	<b>Palaeogene</b>
618. <i>Mystagogus dubius</i> Petrunkevitch, 1958 .....	Pa Baltic amber

619. <i>Mystagogus glaber</i> Petrunkevitch, 1942*	Pa Baltic amber
† <b>Paralabulla Wunderlich, 2004s</b>	<b>Palaeogene</b>
620. <i>Paralabulla bitterfeldensis</i> Wunderlich, 2004s*	Pa Bitterfeld amber
621. ? <i>Paralabulla dubia</i> Wunderlich, 2004s	Pa Baltic amber
622. <i>Paralabulla succinifera</i> Wunderlich, 2004s	Pa Baltic amber
<i>Paralabulla</i> sp. in Wunderlich (2004s)	Pa Bitterfeld amber
<b>Pocadicnemis Simon, 1884c</b>	<b>Quaternary – Recent</b>
623. <i>Pocadicnemis pumila</i> (Blackwall, 1841) [Recent]	Qt England
<b>Savignia Blackwall, 1833</b>	<b>Quaternary – Recent</b>
624. <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	
625. <i>Selenyphantes flagellifera</i> (Wunderlich, 1986)	Ne Dominican amber
† <b>Succineta Wunderlich, 2004s</b>	<b>Palaeogene</b>
626. <i>Succineta brevispina</i> Wunderlich, 2004s	Pa Baltic amber
627. <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>
628. <i>Succiphantes tanasevitchi</i> Wunderlich, 2004s	Pa Baltic amber
629. <i>Succiphantes velteni</i> Wunderlich, 2004s*	Pa Baltic amber
<b>Toschia Caporiacco, 1949</b>	<b>Quaternary – Recent</b>
630. ? <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>
631. <i>Anameta distenda</i> Wunderlich, 2004h*	Pa Bitterfeld amber
632. <i>Anameta kuntneri</i> Wunderlich, 2008a	Pa Baltic amber
<b>Azilia Keyserling, 1882</b>	<b>Neogene – Recent</b>
633. <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>
634. <i>Balticgnatha projectens</i> Wunderlich 2011h*	Pa Baltic amber
† <b>Baltleucauge Wunderlich, 2008a</b>	<b>Palaeogene</b>
635. <i>Baltleucauge gillespieae</i> Wunderlich 2008a*	Pa Baltic amber
† <b>Corneometa Wunderlich, 2004h</b>	<b>Palaeogene</b>
636. <i>Corneometa baltica</i> Wunderlich 2004h*	Pa Baltic amber
637. <i>Corneometa pilosipes</i> Wunderlich 2004h	Pa Baltic amber
<b>Cyrtognatha Keyserling, 1882</b>	<b>Neogene – Recent</b>

638.	<i>Cyrtognatha weitschati</i> Wunderlich, 1988	Ne Dominican amber
†	<b>Eometa Petrunkevitch, 1958</b>	<b>Palaeogene</b>
639.	<i>Eometa calefacta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
640.	<i>Eometa longipes</i> Petrunkevitch, 1958	Pa Baltic amber
641.	<i>Eometa occulta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
642.	<i>Eometa perfecta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
643.	<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>
644.	<i>Homalometa fossilis</i> Wunderlich, 1988	Ne Dominican amber
†	<b>Huergina Selden &amp; Penney, 2003</b>	<b>Cretaceous</b>
645.	<i>Huergina diazromerali</i> Selden & Penney, 2003*	K Las Hoyas, Spain
†	<b>Macryphantes Selden, 1990</b>	<b>Cretaceous</b>
646.	<i>Macryphantes cowdeni</i> Selden, 1990*	K Sierra de Montsech
	<b>Meta C. L. Koch, 1836</b>	<b>Palaeogene – Recent</b>
647.	<i>Meta (Praetermeta) maculosa</i> Wunderlich, 2008 <i>a</i>	Pa Baltic amber
648.	<i>Meta (Praetermeta) velans</i> (Wunderlich, 2004 <i>h</i> )	Pa Baltic amber
†	<b>Palaeometa Petrunkevitch, 1922</b>	<b>Palaeogene</b>
649.	<i>Palaeometa opertanea</i> (Scudder, 1890 <i>a</i> )*	Pa Florissant
†	<b>Palaeopachygnatha Petrunkevitch, 1922</b>	<b>Palaeogene</b>
650.	<i>Palaeopachygnatha cockerelli</i> Petrunkevitch, 1922	Pa Florissant
651.	<i>Palaeopachygnatha scudderi</i> Petrunkevitch, 1922*	Pa Florissant
†	<b>Priscometa Petrunkevitch, 1958</b>	<b>Palaeogene</b>
652.	<i>Priscometa capta</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
653.	<i>Priscometa minor</i> Wunderlich, 2004 <i>h</i>	Pa Baltic amber
654.	<i>Priscometa tenuipes</i> Petrunkevitch, 1958*	Pa Baltic amber
	<b>Tetragnatha Latreille, 1804<i>a</i></b>	<b>Palaeogene – Recent</b>
655.	<i>Tetragnatha parva</i> (Hong, 1985)	Ne Shanwang
656.	<i>Tetragnatha pristina</i> Schawaller, 1982 <i>c</i>	Ne Dominican amber
657.	<i>Tetragnatha tertiaria</i> Scudder, 1885	Pa Florissant
	<b>NEPHILIDAE Simon, 1894</b>	<b>Jurassic – Recent</b>
†	<b>Cretaraneus Selden, 1990</b>	<b>Cretaceous</b>
658.	<i>Cretaraneus liaoningensis</i> Cheng, Meng & Wang in Cheng <i>et al.</i> , 2008	K Jehol biota
659.	<i>Cretaraneus martensnetoi</i> Mesquita, 1996	K Crato Formation
660.	<i>Cretaraneus vilaltae</i> Selden, 1990*	K Sierra de Montsech
†	<b>Eonephila Wunderlich, 2004<i>i</i></b>	<b>Palaeogene</b>
661.	<i>Eonephila bitterfeldensis</i> Wunderlich, 2004 <i>i</i>	Pa Bitterfeld amber
662.	<i>Eonephila excellens</i> Wunderlich, 2004 <i>i</i> *	Pa Baltic amber
663.	<i>Eonephila longembolus</i> Wunderlich, 2004 <i>i</i>	Pa Baltic amber



† <i>Luxurionephila</i> Wunderlich, 2004 <i>i</i> .....	<b>Palaeogene</b>
664. <i>Luxurionephila spinifera</i> Wunderlich, 2004 <i>i</i> .....	Pa Baltic amber
† <i>Minutunguis</i> Wunderlich, 2011 <i>f</i> .....	<b>Quaternary</b>
665. <i>Minutunguis silvestris</i> Wunderlich, 2011 <i>f</i> * .....	Qt Madagascar copal
<b><i>Nephila</i> Leach, 1815</b> .....	<b>Jurassic – Recent</b>
666. <i>Nephila breviembolus</i> Wunderlich, 1986 .....	Ne Dominican amber
667. <i>Nephila dommeli</i> Wunderlich, 1982 .....	Ne Dominican amber
668. <i>Nephila furca</i> Wunderlich, 1986 .....	Ne Dominican amber
669. <i>Nephila longembolus</i> Wunderlich, 1986 .....	Ne Dominican amber
670. <i>Nephila jurassica</i> Selden, Shih & Ren, 2011 .....	J Daohugou
671. <i>Nephila pennatipes</i> Scudder, 1885 .....	Pa Florissant
672. <i>Nephila tenuis</i> Wunderlich, 1986 .....	Ne Dominican amber
† <i>Palaeonephila</i> Wunderlich, 2004 <i>i</i> .....	<b>Palaeogene</b>
673. <i>Palaeonephila brevis</i> Wunderlich, 2004 <i>i</i> .....	Pa Baltic amber
674. <i>Palaeonephila curvata</i> Wunderlich, 2004 <i>i</i> * .....	Pa Baltic amber
675. <i>Palaeonephila dilitans</i> Wunderlich, 2004 <i>i</i> .....	Pa Baltic amber
676. <i>Palaeonephila fibula</i> Wunderlich, 2004 <i>i</i> .....	Pa Baltic amber
677. <i>Palaeonephila longipes</i> Wunderlich, 2004 <i>i</i> .....	Pa Baltic amber
† <b>JURARANEIDAE</b> Eskov, 1984 .....	<b>Jurassic</b>
† <i>Juraraneus</i> Eskov, 1984 .....	<b>Jurassic</b>
678. <i>Juraraneus rasnitsyni</i> Eskov, 1984 .....	J Transbaikalia
<b>ARANEIDAE</b> Simon, 1895 .....	<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. <i>in</i> Wunderlich (2004 <i>h</i> ) .....	Pa Baltic amber
Araneidae gen. et sp. indet. <i>in</i> Ribera (2003) .....	Qt Girona, Spain
?Mangorini indet. <i>in</i> Wunderlich (2011 <i>a</i> ) .....	Pa Baltic amber
† <i>Anepeira</i> Wunderlich, 2004 <i>i</i> .....	<b>Palaeogene</b>
679. <i>Anepeira complicata</i> Wunderlich, 2004 <i>i</i> * .....	Pa Baltic amber
† <i>Araneometa</i> Wunderlich, 1988 .....	<b>Neogene</b>
680. <i>Araneometa excelsa</i> Wunderlich, 1988 .....	Ne Dominican amber
681. <i>Araneometa herlingi</i> Wunderlich, 1988* .....	Ne Dominican amber
682. <i>Araneometa spirembolus</i> Wunderlich, 1988 .....	Ne Dominican amber
<i>Araneometa</i> sp. <i>in</i> Wunderlich (1988) .....	Ne Dominican amber
<b><i>Araneus</i> Clerck, 1757</b> .....	<b>?Cretaceous – Recent</b>
683. <i>Araneus absconditus</i> (Scudder, 1890 <i>a</i> ) .....	Pa Florissant
684. <i>Araneus aethus</i> Chang, 2004 [generic assignment unreliable!] .....	K Jehol biota
685. <i>Araneus beipiaoensis</i> Chang, 2004 [generic assignment unreliable!] .....	K Jehol biota

686.	<i>Araneus carbonaceus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
687.	<i>Araneus cinefactus</i> (Scudder, 1890a)	Pa Florissant
688.	<i>Araneus columbiae</i> Scudder, 1878	Pa Quesnel, Canada
689.	<i>Araneus defunctus</i> Petrunkevitch, 1958	Pa Baltic amber
690.	<i>Araneus delitus</i> (Scudder, 1890a)	Pa Florissant
691.	<i>Araneus emertoni</i> (Scudder, 1890a)	Pa Florissant
692.	<i>Araneus exustus</i> Petrunkevitch, 1963	Ne Chiapas amber
693.	<i>Araneus kinchloeae</i> Dunlop & Jekel, 2009	Pa Florissant
	i. = <i>Araneus indistinctus</i> (Petrunkevitch, 1922) [preoccupied]	
694.	<i>Araneus inelegans</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
695.	<i>Araneus leptopodus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
696.	<i>Araneus liaoxiensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
697.	<i>Araneus longimanus</i> (Petrunkevitch, 1922)	Pa Florissant
698.	<i>Araneus (Calinurus) longipes</i> Dalman, 1826	Qt Copal
699.	<i>Araneus luianus</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
700.	<i>Araneus meeki</i> (Scudder, 1890a)	Pa Florissant
701.	<i>Araneus molassicus</i> (Heer, 1865)	Ne Öhningen
702.	<i>Araneus nanus</i> Wunderlich, 1988	Ne Dominican amber
703.	<i>Araneus piceus</i> Lin, Zhang & Wang, 1989	Ne Shanwang
704.	<i>Araneus reheensis</i> Chang, 2004 [generic assignment unreliable!]	K Jehol biota
705.	<i>Araneus ruidipedalis</i> Zhang, Sun & Zhang, 1994	Ne Shanwang
706.	<i>Araneus troschellii</i> (Bertkau, 1878b)	Ne Rott, Germany
707.	<i>Araneus vulcanalis</i> (Scudder, 1890a)	Pa Florissant
	<b>Argiope Audouin, 1826</b>	<b>Neogene – Recent</b>
	= † <i>Magnaranea</i> Hong, 1985	
708.	<i>Argiope furva</i> (Hong, 1985)	Ne Shanwang
	† <b>Bararaneus Wunderlich, 2004i</b>	<b>Palaeogene</b>
709.	? <i>Bararaneus annulatus</i> Wunderlich, 2004i	Pa Baltic amber
710.	<i>Bararaneus evolvens</i> Wunderlich, 2004i*	Pa Baltic amber
	† <b>Chrysometata Wunderlich, 2004h</b>	<b>Palaeogene</b>
711.	<i>Chrysometata palaeartica</i> Wunderlich, 2004h*	Pa Baltic amber
	† <b>Cyclososoma Petrunkevitch, 1958</b>	<b>Palaeogene</b>
712.	<i>Cyclososoma succini</i> Petrunkevitch, 1958*	Pa Baltic amber
	<b>Enacrosoma Mello-Leitão, 1932</b>	<b>Neogene – Recent</b>
713.	<i>Enacrosoma verrucosa</i> (Wunderlich, 1988)	Ne Dominican amber
	† <b>Eoaraneus Wunderlich, 2004i</b>	<b>Palaeogene</b>
714.	<i>Eoaraneus complexus</i> Wunderlich, 2004i*	Pa Baltic amber
	† <b>Eochorizopes Wunderlich, 2008a</b>	<b>Palaeogene</b>
715.	<i>Eochorizopes szeklinskiae</i> Wunderlich, 2008a*	Pa Baltic amber
	† <b>Eozygiella Wunderlich, 2004h</b>	<b>Palaeogene</b>
716.	<i>Eozygiella compacta</i> Wunderlich, 2004h*	Pa Baltic amber

† <b>Fossilaraneus Wunderlich, 1988</b> .....	<b>Neogene</b>
717. <i>Fossilaraneus incertus</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>Gea C. L. Koch, 1843a</b> .....	<b>Palaeogene – Recent</b>
718. <i>Gea krantzi</i> von Heyden, 1859 .....	Ne Rott, Germany
† <b>Graea Thorell, 1869</b> .....	<b>Palaeogene</b>
= † <i>Eustaloides</i> Petrunkevitch, 1942	
719. ? <i>Graea aberrans</i> Wunderlich, 2004 <i>h</i> .....	Pa Baltic amber
720. <i>Graea bitterfeldensis</i> Wunderlich, 2004 <i>h</i> .....	Pa Bitterfeld amber
721. <i>Graea breviembolus</i> Wunderlich, 2004 <i>h</i> .....	Pa Baltic amber
722. <i>Graea brevis</i> Wunderlich, 2004 <i>h</i> .....	Pa Baltic amber
723. <i>Graea calceatus</i> (Petrunkevitch, 1950) .....	Pa Baltic amber
724. <i>Graea epeiroidea</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
725. <i>Graea impudica</i> Wunderlich, 2004 <i>h</i> .....	Pa Baltic amber
726. <i>Graea lingula</i> Wunderlich, 2004 <i>h</i> .....	Pa Baltic amber
727. <i>Graea minor</i> (Petrunkevitch, 1950) .....	Pa Baltic amber
728. <i>Graea setosa</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
729. <i>Graea succini</i> Petrunkevitch, 1942 .....	Pa Baltic amber
† <b>Meditrina Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
730. <i>Meditrina circumvallata</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Mesozygiella Penney &amp; Ortuño, 2006</b> .....	<b>Cretaceous</b>
731. <i>Mesozygiella dunlopi</i> Penney & Ortuño, 2006* .....	K Álava amber
† <b>Miraraneus Wunderlich, 2004<i>i</i></b> .....	<b>Palaeogene</b>
732. <i>Miraraneus peregrinus</i> Wunderlich, 2004 <i>i</i> * .....	Pa Baltic amber
† <b>Mirometa Petrunkevitch, 1963</b> .....	<b>Neogene</b>
733. <i>Mirometa valdespinosa</i> Petrunkevitch, 1963 .....	Ne Chiapas amber
<b>Molinaranea Mello-Leitão, 1940</b> .....	<b>Neogene – Recent</b>
734. <i>Molinaranea mitnickii</i> Saupe, Selden & Penney, 2010 .....	Ne Dominican amber
† <b>Pycnosinga Wunderlich, 1988</b> .....	<b>Neogene</b>
735. <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]	
736. <i>Testudinaroides papposa</i> (Zhang, Sun & Zhang, 1994) .....	Ne Shanwang
† <b>Tethneus Scudder, 1885</b> .....	<b>Palaeogene</b>
= † <i>Melanites</i> Hong, 1985	
737. <i>Tethneus guyoti</i> Scudder, 1890 <i>a</i> .....	Pa Florissant
738. <i>Tethneus hentzi</i> Scudder, 1885* .....	Pa Florissant
739. <i>Tethneus obduratus</i> Scudder, 1890 <i>a</i> .....	Pa Florissant
740. <i>Tethneus orbiculatus</i> (Hong, 1985) .....	Ne Shanwang
741. <i>Tethneus provectus</i> Scudder, 1890 <i>a</i> .....	Pa Florissant
742. <i>Tethneus robustus</i> Petrunkevitch, 1922 .....	Pa Florissant
743. <i>Tethneus twenhofeli</i> Petrunkevitch, 1922 .....	Pa Florissant

<b>Zilla C. L. Koch, 1834</b> .....	<b>Palaeogene – Recent</b>
744. <i>Zilla gracilis</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
745. <i>Zilla porrecta</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
746. <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>Eohalinobius Wunderlich, 2008c</b> .....	<b>Palaeogene</b>
747. <i>Eohalinobius scutatus</i> Wunderlich, 2008c .....	Pa Baltic amber
<b>LYCOSIDAE Sundevall, 1833</b> .....	<b>Palaeogene – 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
<b>Alopecosa Simon, 1885b</b> .....	<b>Quaternary – Recent</b>
748. <i>Alopecosa ?pulverulenta</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
† <b>Dryadia Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Palaeogene</b>
749. <i>Dryadia acanthopoda</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
<b>Lycosa Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
750. <i>Lycosa florissanti</i> Petrunkevitch, 1922 .....	Pa Florissant
751. <i>Lycosa lithographica</i> Schawaller & Ono, 1979 .....	Ne Randecker Maar
752. <i>Lycosa malleata</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
753. <i>Lycosa miocaena</i> Schawaller & Ono, 1979 .....	Ne Randecker Maar
754. <i>Lycosa subterranea</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
<b>Pardosa C. L. Koch, 1847</b> .....	<b>Quaternary – Recent</b>
755. <i>Pardosa pullata</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
<i>Pardosa</i> sp. <i>in</i> Scott (2003) .....	Qt England
<b>Pirata Sundevall, 1833</b> .....	<b>Quaternary – Recent</b>
756. <i>Pirata ?piraticus</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
<b>Trochosa C. L. Koch, 1847</b> .....	<b>Quaternary – Recent</b>
757. <i>Trochosa terricola</i> Thorell, 1856 <b>[Recent]</b> .....	Qt England
† <b>PARATTIDAE Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
† <b>Parattus Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
758. <i>Parattus evocatus</i> (Scudder, 1890a) .....	Pa Florissant
759. <i>Parattus latitatus</i> (Scudder, 1890a) .....	Pa Florissant
760. <i>Parattus oculatus</i> Petrunkevitch, 1922 .....	Pa Florissant
761. <i>Parattus resurrectus</i> (Scudder, 1890a)* .....	Pa Florissant
<b>TRECHALEIDAE Simon, 1890</b> .....	<b>Palaeogene – Recent</b>
= TRICLARIDAE O. P.-Cambridge, 1877 [ <i>nomen oblitum</i> ]	

	= PERISSOBLEMMATIDAE O. P.-Cambridge, 1882 <i>b</i> [based on a synonym]	
	Trechaleidae sp. <i>in</i> Wunderlich (2004 <i>aa</i> )	Pa Baltic amber
†	<b><i>Eotrechalea</i> Wunderlich, 2004<i>aa</i></b>	<b>Palaeogene</b>
	762. <i>Eotrechalea annulata</i> Wunderlich, 2004 <i>aa</i> *	Pa Baltic amber
†	<b><i>Esuritor</i> Petrunkevitch, 1942</b>	<b>Palaeogene</b>
	763. <i>Esuritor aculeatus</i> Petrunkevitch, 1958	Pa Baltic amber
	764. <i>Esuritor spinipes</i> Petrunkevitch, 1942*	Pa Baltic amber
†	<b><i>Linoptes</i> Menge, 1854</b>	<b>Palaeogene</b>
	765. ?' <i>Linoptes</i> ' <i>oculeus</i> Menge <i>in</i> C. L. Koch & Berendt, 1854*	Pa Baltic amber
	NB: <i>Linoptes</i> mentioned as a <i>nomen nudum</i> by Wunderlich (2004 <i>z</i> ); this species listed by Wunderlich (2004 <i>aa</i> ) under Trechaleidae and another species under Pisauridae (see below)	
	<b>PISAURIDAE Simon, 1890</b>	<b>?Cretaceous – Recent</b>
	= BRADYSTICHIDAE Simon, 1884	
	= DOLOMEDIDAE Simon, 1898 <i>a</i>	
	= HALIDAE Jocqué, 1994	
	Pisauridae sp. <i>in</i> Wunderlich (1988)	Pa Dominican amber
	Pisauridae sp. <i>in</i> Wunderlich (2004 <i>z</i> )	Pa Baltic amber
	<b><i>Dolomedes</i> Latreille, 1804<i>a</i></b>	<b>Quaternary – Recent</b>
	766. <i>Dolomedes fimbriatus</i> (Clerck, 1757) <b>[Recent]</b>	Qt England
†	<b>'<i>Linoptes</i>' Menge, 1854</b>	<b>Palaeogene</b>
	= † <i>Eopisaurella</i> Petrunkevitch, 1958	
	NB: See notes on <i>Linoptes</i> under Trechaleidae above!	
	767. ?' <i>Linoptes</i> ' <i>valdespinosa</i> (Petrunkevitch, 1958)*	Pa Baltic amber
	?' <i>Linoptes</i> ' sp. 1–8 <i>in</i> Wunderlich (2004 <i>z</i> )	Pa Baltic amber
†	<b><i>Palaeoperenethis</i> Selden &amp; Penney, 2009</b>	<b>Palaeogene</b>
	768. <i>Palaeoperenethis thaleri</i> Selden & Penney, 2009*	Pa British Columbia
	<b><i>Pisaura</i> Simon 1885<i>c</i></b>	<b>?Cretaceous – Recent</b>
	<i>Pisaura</i> sp. <i>in</i> Kim & Nam (2008) [generic assignment unreliable!]	K Goo-ho Li, Korea
	<b>OXYOPIDAE Thorell, 1870<i>a</i></b>	<b>Palaeogene – Recent</b>
	= SPHASIDAE O. P.-Cambridge, 1871	
	= HAMATALIVIDAE Marx, 1890 <i>b</i>	
	Oxyopidae sp. <i>in</i> Wunderlich 2004 <i>ab</i>	Pa Bitterfeld amber
	<b><i>Oxyopes</i> Latreille, 1804<i>a</i></b>	<b>Palaeogene – Recent</b>
	769. <i>Oxyopes defectus</i> Wunderlich, 1988	Ne Dominican amber
	770. ' <i>Oxyopes</i> ' <i>succini</i> Petrunkevitch, 1958	Pa Baltic amber
	<i>Oxyopes</i> sp. <i>in</i> Wunderlich (1988, 2004 <i>ab</i> )	Ne Dominican amber
†	<b><i>Planoxyopes</i> Petrunkevitch, 1963</b>	<b>Neogene</b>
	771. <i>Planoxyopes eximius</i> Petrunkevitch, 1963*	Ne Chiapas amber
	i. = <i>Planoxyopes fossilis</i> Wunderlich, 1988 [ <i>lapsus</i> ]	Ne Chiapas amber

<b>SENOCULIDAE Simon, 1890</b> .....	<b>Recent</b>
= NEOTHEREUTOIDAE Holmberg, 1883 [based on a generic synonym]	
no fossil record	
<b>STIPHIDIIDAE Dalmas, 1917</b> .....	<b>Recent</b>
no fossil record	
<b>ZOROCRATIDAE Dahl, 1913</b> .....	<b>Recent</b>
no fossil record	
<b>PSECHRIDAE Simon, 1890</b> .....	<b>Recent</b>
no fossil record	
<b>ZOROPSIDAE Bertkau, 1882</b> .....	<b>Palaeogene – Recent</b>
Zoropsidae sp. <i>in</i> Wunderlich (2004x) .....	Pa Baltic / Bitt. amber
† <b><i>Eomatachia</i> Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
772. <i>Eomatachia barbarus</i> Wunderlich, 2004x .....	Pa Baltic amber
773. <i>Eomatachia bipartita</i> Wunderlich, 2004x .....	Pa Baltic amber
774. <i>Eomatachia divergens</i> Wunderlich, 2004x .....	Pa Baltic amber
775. <i>Eomatachia duplex</i> Wunderlich, 2004x .....	Pa Baltic amber
776. <i>Eomatachia latifrons</i> Petrunkevitch, 1942* .....	Pa Baltic amber
777. <i>Eomatachia recedens</i> Wunderlich, 2004x .....	Pa Baltic amber
778. <i>Eomatachia succini</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
779. <i>Eomatachia wegneri</i> Wunderlich, 2004x .....	Pa Baltic amber
780. <i>Eomatachia xanthippe</i> Wunderlich, 2004x .....	Pa Baltic amber
† <b><i>Eoprychia</i> Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
781. <i>Eoprychia succini</i> Petrunkevitch, 1958* .....	Pa Baltic amber
782. <i>Eoprychia succinopsis</i> Wunderlich, 2004x .....	Pa Baltic amber
783. <i>Eoprychia vicina</i> Wunderlich, 2004x .....	Pa Baltic amber
<i>Eoprychia</i> sp. <i>in</i> Wunderlich (2004x) .....	?Pa not specified
† <b><i>Succiniropsis</i> Wunderlich, 2004x</b> .....	<b>Palaeogene</b>
784. <i>Succiniropsis kutscheri</i> Wunderlich, 2004x* .....	Pa Baltic / Bitt. amber
785. <i>Succiniropsis samlandica</i> Wunderlich, 2004x .....	Pa Baltic amber
† <b>INSECUTORIDAE Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
† <b><i>Insecutor</i> Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
786. <i>Insecutor aculeatus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
787. <i>Insecutor mandibulatus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
788. ? <i>Insecutor pecten</i> Wunderlich, 2004y .....	Pa Baltic amber
789. <i>Insecutor rufus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
790. ? <i>Insecutor spinifer</i> Wunderlich, 2004y .....	Pa Baltic amber
? <i>Insecutor</i> sp. <i>in</i> Wunderlich (2004y) .....	Pa Baltic amber

<b>ZORIDAE F. O. P.-Cambridge, 1893</b> .....	<b>Palaeogene – Recent</b>
† <b><i>Succinomos</i> Wunderlich, 2008c</b> .....	<b>Palaeogene</b>
791. <i>Succinomos duomammillae</i> Wunderlich, 2008c .....	Pa Baltic amber
† <b><i>Zorapostenus</i> Wunderlich, 2008c</b> .....	<b>Palaeogene</b>
792. <i>Zorapostenus raveni</i> Wunderlich, 2008c .....	Pa Baltic amber
<b>CTENIDAE Keyserling, 1877</b> .....	<b>Neogene – Recent</b>
= ACANTHOCTENIDAE Simon, 1892b	
† <b><i>Nanoctenus</i> Wunderlich, 1988</b> .....	<b>Neogene</b>
793. <i>Nanoctenus longipes</i> Wunderlich, 1988* .....	Ne Dominican amber
<b>AGELLENIDAE C. L. Koch, 1837</b> .....	<b>Palaeogene – Recent</b>
= TEGENARIDAE Prach, 1860	
= † INCEPTORIDAE Petrunkevitch, 1942	
<b><i>Agelena</i> Walckenaer, 1805</b> .....	<b>Palaeogene – Recent</b>
794. <i>Agelena tabida</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b><i>Histopona</i> Thorell, 1869</b> .....	<b>Palaeogene – Recent</b>
795. ? <i>Histopona anthracina</i> Bertkau, 1878b .....	Ne Rott, Germany
† <b><i>Inceptor</i> Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
796. <i>Inceptor aculeatus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
797. <i>Inceptor dubius</i> Petrunkevitch, 1946 .....	Pa Baltic amber
<b><i>Tegenaria</i> Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
798. ? <i>Tegenaria fragmentum</i> Wunderlich, 2004w .....	Pa Baltic amber
799. <i>Tegenaria lacazei</i> Gourret, 1887 .....	Pa Aix-en-Provence
800. ? <i>Tegenaria obtusa</i> Wunderlich, 2004w .....	Pa Baltic amber
801. <i>Tegenaria virilis</i> Menge in C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>DICTYNOIDEA O. P.-Cambridge, 1871</b> .....	<b>Palaeogene – Recent</b>
<b>Dictynoidea incertae sedis</b>	
† <b><i>Sinodictyna</i> Hong, 1982</b> .....	<b>Palaeogene</b>
802. <i>Sinodictyna fushunensis</i> Hong, 1982* .....	Pa Fu Shun amber
<b>CYBAEIDAE Simon, 1898a</b> .....	<b>Palaeogene – Recent</b>
= ARGYRONETIDAE Thorell, 1870a [both family names protected by usage]	
<b><i>Argyroneta</i> Latreille, 1804a</b> .....	<b>?Neogene – Recent</b>
803. <i>Argyroneta aquatica</i> (Clerck, 1757) <b>[Recent]</b> .....	Qt England
804. ? <i>Argyroneta longipes</i> Heer, 1865 .....	Ne Öhningen
† <b><i>Vectaraneus</i> Selden, 2001</b> .....	<b>Palaeogene</b>
805. <i>Vectaraneus yulei</i> Selden, 2001* .....	Pa Bembridge Marls
<b>DESIDAE Pocock, 1895</b> .....	<b>Palaeogene – Recent</b>

<b>Myro O. P.-Cambridge, 1876</b> .....	<b>Palaeogene – Recent</b>
806. <i>Myro extinctus</i> Petrunkevitch, 1958 ...[possibly belongs in Dictynidae].....	Pa Baltic amber
807. <i>Myro hirsutus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
<b>AMPHINECTIDAE Forster &amp; Wilton, 1973</b> .....	<b>Recent</b>
= NEOLANIDAE Forster & Wilton, 1973	
no fossil record	
<b>CYCLOCTENIDAE Simon, 1898a</b> .....	<b>Recent</b>
no fossil record	
<b>HAHNIIDAE Bertkau, 1878a</b> .....	<b>Palaeogene – Recent</b>
† <b><i>Cymbiohahnia</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
808. <i>Cymbiohahnia parens</i> Wunderlich, 2004v .....	Pa Baltic / Bitt. amber
† <b><i>Eohahnia</i> Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
809. <i>Eohahnia succini</i> Petrunkevitch, 1958* .....	Pa Baltic amber
† <b><i>Protohahnia</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
810. <i>Protohahnia antiqua</i> Wunderlich, 2004v* .....	Pa Baltic amber
811. <i>Protohahnia tripartita</i> Wunderlich, 2004v .....	Pa Baltic amber
<b>genus uncertain</b>	
812. ' <i>Tegenaria</i> ' <i>obscura</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>DICTYNIDAE O. P.-Cambridge, 1871</b> .....	<b>Cretaceous – Recent</b>
= RHIOIDAE Thorell, 1873	
= † ARTHRODICTYNIDAE Petrunkevitch, 1942	
Dictynidae gen. et sp. indet <i>in</i> Penney (2002) .....	K New Jersey amber
Dictynidae sp. 1–2 <i>in</i> Wunderlich (2004v) .....	Pa Baltic amber
Dictynidae sp. 1–5 <i>in</i> Wunderlich (2008d) .....	K Myanmar amber
<b><i>Argenna</i> Thorell, 1870a</b> .....	<b>Neogene – Recent</b>
813. <i>Argenna fossilis</i> Petrunkevitch <i>in</i> Palmer, 1957 .....	Ne Mojave Desert
† <b><i>Arthrodictyna</i> Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
814. <i>Arthrodictyna segmentata</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b><i>Balticocryphoeca</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
815. <i>Balticocryphoeca curvitaris</i> Wunderlich, 2004v* .....	Pa Baltic / Bitt. amber
† <b><i>Brommellina</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
816. <i>Brommellina longungulae</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b><i>Burmadictyna</i> Wunderlich, 2008d</b> .....	<b>Cretaceous</b>
817. <i>Burmadictyna pecten</i> Wunderlich, 2008d* .....	K Myanmar amber
† <b><i>Chelicirrum</i> Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
818. <i>Chelicirrum stridulans</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b><i>Copaldictyna</i> Wunderlich, 2004v</b> .....	<b>Quaternary</b>
819. <i>Copaldictyna madagascariensis</i> Wunderlich, 2004v* .....	Qt Madagascan copal



† <b>Cryphoezaga Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
820. <i>Cryphoezaga dubia</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eobrommella Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
821. <i>Eobrommella scutata</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eocryphoeca Petrunkevitch, 1946</b> .....	<b>Palaeogene</b>
822. <i>Eocryphoeca bitterfeldensis</i> Wunderlich, 2004v .....	Pa Bitterfeld amber
823. <i>Eocryphoeca electrina</i> Wunderlich, 2004v .....	Pa Baltic amber
824. <i>Eocryphoeca falcata</i> Wunderlich, 2004v .....	Pa Baltic amber
825. <i>Eocryphoeca gibbifera</i> Wunderlich, 2004v .....	Pa Baltic amber
826. <i>Eocryphoeca gracilipes</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
827. <i>Eocryphoeca ligula</i> Wunderlich, 2004v .....	Pa Baltic amber
828. <i>Eocryphoeca mammilla</i> Wunderlich, 2004v .....	Pa Baltic amber
829. <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>
830. <i>Eocryphoecara abicera</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eodictyna Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
831. <i>Eodictyna communis</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Eolathys Petrunkevitch, 1950</b> .....	<b>Palaeogene</b>
832. <i>Eolathys debilis</i> Petrunkevitch, 1950 .....	Pa Baltic amber
833. <i>Eolathys succini</i> Petrunkevitch, 1950* .....	Pa Baltic amber
† <b>Gibbermastigusa Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
834. <i>Gibbermastigusa lateralis</i> Wunderlich, 2004v* .....	Pa Baltic amber
† <b>Hispaniolyna Wunderlich, 1988</b> .....	<b>Neogene</b>
835. <i>Hispaniolyna hirsuta</i> Wunderlich, 1988 .....	Ne Dominican amber
836. <i>Hispaniolyna magna</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Mastigusa Menge in C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
= † <i>Eotetrilus</i> Wunderlich, 1982 [ <i>nomen nudum</i> ]	
837. <i>Mastigusa acuminata</i> Menge in C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
838. <i>Mastigusa arcuata</i> Wunderlich, 2004v .....	Pa Baltic amber
839. <i>Mastigusa bitterfeldensis</i> Wunderlich, 2004v .....	Pa Bitterfeld amber
840. <i>Mastigusa laticymbium</i> Wunderlich, 2004v .....	Pa Baltic amber
841. <i>Mastigusa magnibulbus</i> Wunderlich, 2004v .....	Pa Bitterfeld amber
842. <i>Mastigusa media</i> Wunderlich, 1986 .....	Pa Baltic amber
843. <i>Mastigusa modesta</i> Wunderlich, 1986 .....	Pa Baltic amber
844. <i>Mastigusa scutata</i> Wunderlich, 2004v .....	Pa Baltic amber
<i>Mastigusa</i> sp. in Wunderlich (2004v) .....	Pa Baltic amber
† <b>Mizagalla Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
845. <i>Mizagalla quattuor</i> Wunderlich, 2004v* .....	Pa Baltic amber
846. <i>Mizagalla tuberculata</i> Wunderlich, 2004v .....	Pa Baltic amber
† <b>Palaeodictyna Wunderlich, 1988</b> .....	<b>Neogene</b>

847. <i>Palaeodictyna intermedia</i> Wunderlich, 1988 .....	Ne Dominican amber
848. <i>Palaeodictyna longispina</i> Wunderlich, 1988 .....	Ne Dominican amber
849. <i>Palaeodictyna singularis</i> Wunderlich, 1988 .....	Ne Dominican amber
850. <i>Palaeodictyna spiculum</i> Wunderlich, 1988 .....	Ne Dominican amber
851. <i>Palaeodictyna termitophila</i> Wunderlich, 1988* .....	Ne Dominican amber
852. <i>Palaeodictyna unispina</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Palaeolathys Wunderlich, 1986</b> .....	<b>Neogene</b>
853. <i>Palaeolathys circumductus</i> Wunderlich, 1988 .....	Ne Dominican amber
854. <i>Palaeolathys copalis</i> Wunderlich, 1986 .....	Qt Dominican copal
855. <i>Palaeolathys quadruplex</i> Wunderlich, 1988 .....	Ne Dominican amber
856. <i>Palaeolathys similis</i> Wunderlich, 1988 .....	Ne Dominican amber
857. <i>Palaeolathys spinosa</i> Wunderlich, 1986* .....	Ne Dominican amber
<i>Palaeolathys</i> sp. <i>in</i> Wunderlich (1988) .....	Ne Dominican amber
† <b>Protomastigusa Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
858. <i>Protomastigusa composita</i> Wunderlich, 2004v .....	Pa Baltic amber
† <b>Scopulyna Wunderlich, 2004v</b> .....	<b>Palaeogene</b>
859. <i>Scopulyna cursor</i> Wunderlich, 2004v .....	Pa Baltic amber
† <b>Succinya Wunderlich, 1988</b> .....	<b>Neogene</b>
860. <i>Succinya longembolus</i> Wunderlich, 1988 .....	Ne Dominican amber
861. <i>Succinya pulcher</i> Wunderlich, 1988* .....	Ne Dominican amber
862. <i>Succinya spinipalpus</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>Thallumetus Simon, 1892b</b> .....	<b>Subrecent – Recent</b>
863. <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. <i>in</i> Wunderlich (2004u) .....	Pa Baltic amber
<b>PHYXELIDIDAE Lehtinen, 1967</b> .....	<b>Recent</b>
no fossil record	
<b>TITANOECIDAE Lehtinen, 1967</b> .....	<b>Recent</b>
no fossil record	
<b>NICODAMIDAE Simon, 1898</b> .....	<b>Recent</b>
= MEGADICTYNIDAE Lehtinen, 1967	
no fossil record	
<b>TENGELLIDAE Dahl, 1908</b> .....	<b>Recent</b>
no fossil record	
<b>MITURGIDAE Simon, 1885a</b> .....	<b>Neogene – Recent</b>

= CHEIRACANTHIDAE Wagner, 1887

<b>Strotarchus Simon, 1888</b> .....	<b>Neogene – Recent</b>
= † <i>Mimeutychurus</i> Petrunkevitch, 1963 [tentative synonymy]	
864. <i>Strotarchus heidti</i> Wunderlich, 1988 .....	Ne Dominican amber
865. <i>Strotarchus paradoxus</i> (Petrunkevitch, 1963) .....	Ne Chiapas amber
<b>ANYPHAENIDAE Bertkau, 1878a</b> .....	<b>Palaeogene – Recent</b>
= AMAUROBIOIDIDAE Hickman, 1949	
<b>Anyphaena Sundevall, 1833</b> .....	<b>Palaeogene – Recent</b>
866. ' <i>Anyphaena</i> ' <i>fuscata</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
<b>Anyphaenoides Berland, 1913</b> .....	<b>Neogene – Recent</b>
867. <i>Anyphaenoides bulla</i> (Wunderlich, 1988) .....	Ne Dominican amber
<b>Lupettiana Brescovit, 1997</b> .....	<b>Neogene – Recent</b>
868. <i>Lupettiana ligula</i> (Wunderlich, 1988) .....	Ne Dominican amber
<b>Wulfila O. P.-Cambridge, 1895</b> .....	<b>Neogene – Recent</b>
869. <i>Wulfila spinipes</i> Wunderlich, 1988 .....	Ne Dominican amber
<b>LIOCRANIDAE Simon, 1897a</b> .....	<b>Palaeogene – Recent</b>
?Liocranidae <i>in</i> Wunderlich (1988) .....	Ne Dominican amber
<b>Apostenus Westring, 1851</b> .....	<b>Palaeogene – Recent</b>
870. <i>Apostenus arnoldorum</i> Wunderlich, 2004ag .....	Pa Baltic amber
871. <i>Apostenus bigibber</i> Wunderlich, 2004ag .....	Pa Baltic / Bitt. amber
872. <i>Apostenus spinimanus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
<b>Donuea Strand, 1932</b> .....	<b>Quaternary – Recent</b>
873. <i>Donuea collustrata</i> Bosselaers & Dierick, 2010 <b>[Recent]</b> .....	Qt – R Madagascar
† <b>Palaeospinisoma Wunderlich, 2004ag</b> .....	<b>Palaeogene</b>
874. <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>
875. <i>Concursator nudipes</i> Petrunkevitch, 1958* .....	Pa Baltic amber
† <b>Systariella Wunderlich, 2004af</b> .....	<b>Palaeogene</b>
876. <i>Systariella magnioculi</i> Wunderlich, 2004af* .....	Pa Baltic amber
<b>CLUBIONIDAE Simon, 1895</b> .....	<b>Palaeogene – Recent</b>
Clubionidae gen. et sp. <i>in</i> Nishikawa (1974) .....	Qt Mizunami copal
<b>Clubiona Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
877. <i>Clubiona arcana</i> Scudder, 1890a .....	Pa Florissant
878. <i>Clubiona attenuata</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber

879. <i>Clubiona curvispinosa</i> Petrunkevitch, 1922 .....	Pa Florissant
880. <i>Clubiona florissanti</i> Petrunkevitch, 1922 .....	Pa Florissant
881. <i>Clubiona lanata</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
882. <i>Clubiona microphthalma</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
883. <i>Clubiona pubescens</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
884. <i>Clubiona sericea</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
885. <i>Clubiona tomentosa</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Desultor</b> Petrunkevitch, 1942 .....	<b>Palaeogene</b>
886. <i>Desultor depressus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
<b>Elaver</b> O. P.-Cambridge, 1898 .....	<b>Neogene – Recent</b>
887. <i>Elaver nutua</i> (Wunderlich, 1988) .....	Ne Dominican amber
† <b>Eobumbatrix</b> Petrunkevitch, 1922 .....	<b>Palaeogene</b>
888. <i>Eobumbatrix latebrosa</i> (Scudder, 1890a)* .....	Pa Florissant
† <b>Eodoter</b> Petrunkevitch, 1958 .....	<b>Palaeogene</b>
889. <i>Eodoter eopala</i> Wunderlich, 2004af .....	Pa Baltic amber
890. <i>Eodoter magnificus</i> Petrunkevitch, 1958* .....	Pa Baltic amber
891. <i>Eodoter scutatus</i> Wunderlich, 2011d .....	Pa Baltic amber
892. ? <i>Eodoter tibialis</i> Wunderlich, 2011d .....	Pa Baltic amber
† <b>Eostentatrix</b> Petrunkevitch, 1922 .....	<b>Palaeogene</b>
893. <i>Eostentatrix cockerelli</i> Petrunkevitch, 1922 .....	Pa Florissant
894. <i>Eostentatrix ostentata</i> (Scudder, 1890a)* .....	Pa Florissant
† <b>Eoversatrix</b> Petrunkevitch, 1922 .....	<b>Palaeogene</b>
895. <i>Eoversatrix eversa</i> (Scudder, 1890a)* .....	Pa Florissant
† <b>Machilla</b> Petrunkevitch, 1958 [family uncertain] .....	<b>Palaeogene</b>
896. <i>Machilla setosa</i> Petrunkevitch, 1958* .....	Pa Baltic amber
† <b>Massula</b> Petrunkevitch, 1942 [family uncertain] .....	<b>Palaeogene</b>
897. <i>Massula klebsi</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Prosocer</b> Petrunkevitch, 1963 .....	<b>Neogene</b>
898. <i>Prosocer mollis</i> Petrunkevitch, 1963* .....	Ne Chiapas amber
<b>Clubionidae incertae sedis</b>	
† <b>Chiapasona</b> Petrunkevitch, 1963 .....	<b>Neogene</b>
899. <i>Chiapasona defuncta</i> Petrunkevitch, 1963* .....	Ne Chiapas amber
<b>CORINNIDAE</b> Karsch, 1880a .....	
= MYRMECIIDAE C. L. Koch, 1851 [name already used for ants]	
† <b>Ablator</b> Petrunkevitch, 1942 .....	<b>Palaeogene</b>
= † <i>Abbiguritor</i> Petrunkevitch, 1942	
900. <i>Ablator biguttatus</i> Wunderlich, 2004ah .....	Pa Baltic amber
901. <i>Ablator curvatus</i> Wunderlich, 2004ah .....	Pa Baltic amber
902. <i>Ablator deminuens</i> Wunderlich, 2004ah .....	Pa Baltic amber
903. <i>Ablator depressus</i> Wunderlich, 2004ah .....	Pa Baltic amber
904. <i>Ablator duomammillae</i> Wunderlich, 2004ah .....	Pa Baltic amber

905.	<i>Ablator felix</i> (Petrunkevitch, 1958)	Pa Baltic amber
906.	<i>Ablator inevolvens</i> Wunderlich, 2004ah	Pa Baltic amber
907.	<i>Ablator longus</i> Wunderlich, 2004ah	Pa Baltic amber
908.	<i>Ablator nonguttatus</i> Wunderlich, 2004ah	Pa Baltic amber
909.	<i>Ablator parvus</i> Wunderlich, 2004ah	Pa Baltic amber
910.	<i>Ablator plumosus</i> (Petrunkevitch, 1950)	Pa Baltic amber
911.	<i>Ablator robustus</i> Wunderlich, 2004ah	Pa Baltic amber
912.	<i>Ablator scutatus</i> Wunderlich, 2004ah	Pa Baltic amber
913.	<i>Ablator splendens</i> Wunderlich, 2004ah	Pa Baltic amber
914.	<i>Ablator triguttatus</i> (C. L. Koch & Berendt, 1854)*	Pa Baltic amber
	i. = <i>Philodromus microcephalus</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
	ii. = <i>Philodromus squamiger</i> C. L. Koch & Berendt, 1854	Pa Baltic amber
	iii. = <i>Abbigurator niger</i> Petrunkevitch, 1942	Pa Baltic amber
†	<b><i>Alterphrurolithus</i> Wunderlich, 2004ah</b>	<b>Palaeogene</b>
915.	<i>Alterphrurolithus longipes</i> Wunderlich, 2004ah	Pa Baltic amber
	<b><i>Castianeira</i> Keyserling, 1880b</b>	<b>Neogene – Recent</b>
916.	<i>Castianeira tenebricosa</i> Wunderlich, 1988	Ne Dominican amber
†	<b><i>Chemmisomma</i> Wunderlich, 1988</b>	<b>Neogene</b>
917.	<i>Chemmisomma dubia</i> Wunderlich, 1988*	Ne Dominican amber
	<b><i>Corinna</i> C. L. Koch, 1842a</b>	<b>Neogene – Recent</b>
918.	<i>Corinna flagelliformis</i> Wunderlich, 1988	Ne Dominican amber
†	<b><i>Cornucymbium</i> Wunderlich, 2004ah</b>	<b>Palaeogene</b>
919.	<i>Cornucymbium insolens</i> Wunderlich, 2004ah*	Pa Baltic amber
†	<b><i>Cryptoplanus</i> Petrunkevitch, 1958</b>	<b>Palaeogene</b>
920.	<i>Cryptoplanus bulbosus</i> Wunderlich, 2004ah	Pa Baltic amber
921.	<i>Cryptoplanus complicatus</i> Wunderlich, 2004ah	Pa Baltic amber
922.	<i>Cryptoplanus incidens</i> Wunderlich, 2004ah	Pa Baltic amber
923.	<i>Cryptoplanus lanatus</i> (Petrunkevitch, 1958)	Pa Baltic amber
924.	<i>Cryptoplanus paradoxus</i> Petrunkevitch, 1958*	Pa Baltic amber
925.	<i>Cryptoplanus sericatus</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
926.	<i>Cryptoplanus sinuosus</i> Wunderlich, 2004ah	Pa Baltic amber
	<i>Cryptoplanus</i> sp. in Wunderlich (2004ah)	Pa Baltic amber
†	<b><i>Eomazax</i> Petrunkevitch, 1958</b>	<b>Palaeogene</b>
927.	<i>Eomazax pulcher</i> Petrunkevitch, 1958*	Pa Baltic amber
	<b><i>Megalostrata</i> Karsch, 1880a</b>	<b>Neogene – Recent</b>
928.	<i>Megalostrata grandis</i> Wunderlich, 1988	Ne Dominican amber
†	<b><i>Myrmecorinna</i> Wunderlich, 2004ah</b>	<b>Palaeogene</b>
929.	<i>Myrmecorinna gracilis</i> Wunderlich, 2004ah*	Pa Baltic amber
†	<b><i>Palpiraptor</i> Wunderlich, 2011f</b>	<b>Quaternary</b>
930.	<i>Palpiraptor myrmarachnoides</i> Wunderlich, 2011f*	Qt Madagascar copal

<b>Phrurolithus C. L. Koch, 1839b</b> .....	<b>Palaeogene</b>
931. <i>Phrurolithus extinctus</i> Petrunkevitch, 1958 .....	Pa Baltic amber
932. <i>Phrurolithus fossilis</i> Petrunkevitch, 1958 .....	Pa Baltic amber
933. <i>Phrurolithus ipseni</i> Petrunkevitch, 1958 .....	Pa Baltic amber
† <b>Protoorthobula Wunderlich, 2004ah</b> .....	<b>Palaeogene</b>
934. <i>Protoorthobula bifida</i> Wunderlich, 2004ah* .....	Pa Baltic amber
935. <i>Protoorthobula deelemani</i> Wunderlich, 2004ah .....	Pa Baltic / Bitt. amber
<b>Trachelas L. Koch, 1872</b> .....	<b>Neogene</b>
936. <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>
937. <i>Adjutor deformis</i> Petrunkevitch, 1958 .....	Pa Baltic amber
938. <i>Adjutor mirabilis</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Admissor Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
939. <i>Admissor aculeatus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Adorator Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
940. <i>Adorator hispidus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic / Rovno amber
i. = <i>Segestria cylindrica</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
ii. = <i>Eresus curtipes</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
iii. = <i>Eresus monachus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
iv. = <i>Adorator brevipes</i> Petrunkevitch, 1942* .....	Pa Baltic amber
941. <i>Adorator samlandicus</i> Petrunkevitch, 1942 .....	Pa Baltic amber
† <b>Angusdarion Wunderlich, 2004ae</b> .....	<b>Palaeogene</b>
942. <i>Angusdarion humilis</i> Wunderlich, 2004ae* .....	Pa Baltic amber
† <b>Anniculus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
943. <i>Anniculus balticus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Eocydrele Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
944. <i>Eocydrele mortua</i> Petrunkevitch, 1958* .....	Pa Baltic amber
† <b>Propago Petrunkevitch, 1963</b> .....	<b>Neogene</b>
945. <i>Propago debilis</i> Petrunkevitch, 1963* .....	Ne Chiapas amber
† <b>Spinizodarion Wunderlich, 2004ae</b> .....	<b>Palaeogene</b>
946. <i>Spinizodarion ananulum</i> Wunderlich, 2004ae* .....	Pa Baltic amber
† <b>Zodariodamus Wunderlich 2004ae</b> .....	<b>Palaeogene</b>
947. <i>Zodariodamus recurvatus</i> Wunderlich 2004ae* .....	Pa Baltic amber
<b>PENESTOMIDAE Simon, 1903</b> .....	<b>Recent</b>
no fossil record	

† <b>EPHALMATORIDAE</b> Petrunkevitch, 1950 .....	<b>Palaeogene</b>
† <b><i>Ephalmator</i></b> Petrunkevitch, 1950 .....	<b>Palaeogene</b>
948. <i>Ephalmator bitterfeldensis</i> Wunderlich, 2004ad .....	Pa Bitterfeld amber
949. <i>Ephalmator calidus</i> Wunderlich, 2004ad .....	Pa Baltic amber
950. <i>Ephalmator debilis</i> Wunderlich, 2004ad .....	Pa Baltic amber
951. <i>Ephalmator distinctus</i> Wunderlich, 2004ad .....	Pa Baltic amber
952. <i>Ephalmator ellwangeri</i> Wunderlich, 2004ad .....	Pa Baltic amber
953. ? <i>Ephalmator eximius</i> Petrunkevitch, 1958 .....	Pa Baltic amber
954. <i>Ephalmator fossilis</i> Petrunkevitch, 1950* .....	Pa Baltic amber
955. <i>Ephalmator kerneggeri</i> Wunderlich, 2004ad .....	Pa Baltic amber
956. <i>Ephalmator petrunkevitchi</i> Wunderlich, 2004ad .....	Pa Baltic amber
957. <i>Ephalmator ruthildae</i> Wunderlich, 2004ad .....	Pa Baltic amber
958. <i>Ephalmator trudis</i> Wunderlich, 2004ad .....	Pa Baltic amber
959. <i>Ephalmator turpiculus</i> Wunderlich, 2004ad .....	Pa Baltic amber
<i>Ephalmator</i> sp. in Wunderlich (2004ad) .....	Pa Baltic amber
 <b>CHUMMIDAE</b> Jocqué, 2001 .....	<b>Recent</b>
no fossil record	
 <b>HOMALONYCHIDAE</b> Simon, 1893 .....	<b>Recent</b>
no fossil record	
 <b>GNAPHOSOIDEA</b> Simon, 1893 .....	<b>Palaeogene – Recent</b>
<b>AMMOXENIDAE</b> Simon, 1893 .....	<b>Recent</b>
no fossil record	
 <b>CITHAERONIDAE</b> Simon, 1893 .....	<b>Recent</b>
no fossil record	
 <b>GALLIENIELLIDAE</b> Millot, 1947 .....	<b>Recent</b>
no fossil record	
 <b>TROCHANTERIIDAE</b> Karsch, 1879 .....	<b>Palaeogene – Recent</b>
= PLATORIDAE Simon, 1890	
† <b><i>Eotrochanteria</i></b> Wunderlich, 2004am .....	<b>Palaeogene</b>
960. <i>Eotrochanteria kruegeri</i> Wunderlich, 2004am* .....	Pa Baltic amber
† <b><i>Sosybius</i></b> C. L. Koch & Berendt, 1854 .....	<b>Palaeogene</b>
= † <i>Adamator</i> Petrunkevitch, 1942	
= † <i>Adjunctor</i> Petrunkevitch, 1942	
= † <i>Adulatrix</i> Petrunkevitch, 1942	
961. <i>Sosybius berendti</i> Wunderlich, 2004am .....	Pa Baltic amber
962. <i>Sosybius decumana</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
963. <i>Sosybius falcatus</i> Wunderlich, 2004am .....	Pa Baltic amber

964.	<i>Sosybius fusca</i> (Petrunkevitch, 1942)	Pa	Baltic amber
965.	<i>Sosybius kochi</i> Wunderlich, 2004am	Pa	Baltic amber
966.	<i>Sosybius lateralis</i> Wunderlich, 2004am	Pa	Baltic amber
967.	<i>Sosybius longipes</i> Wunderlich, 2004am	Pa	Baltic amber
968.	<i>Sosybius major</i> C. L. Koch & Berendt, 1854	Pa	Baltic amber
969.	<i>Sosybius minor</i> C. L. Koch & Berendt, 1854*	Pa	Baltic amber
970.	<i>Sosybius mizgirisi</i> Wunderlich, 2004am	Pa	Baltic amber
971.	<i>Sosybius parva</i> (Petrunkevitch, 1942)	Pa	Baltic amber
972.	<i>Sosybius perniciosus</i> Wunderlich, 2004am	Pa	Baltic amber
973.	<i>Sosybius rufa</i> (Petrunkevitch, 1942)	Pa	Baltic amber
974.	<i>Sosybius similis</i> Petrunkevitch, 1942	Pa	Baltic amber
975.	<i>Sosybius succineus</i> (Petrunkevitch, 1942)	Pa	Baltic amber
976.	<i>Sosybius tibialis</i> Wunderlich, 2004am	Pa	Baltic amber
977.	<i>Sosybius unispinosus</i> Wunderlich, 2004am	Pa	Baltic amber
	<i>Sosybius</i> sp. in Wunderlich (2004am, ar)	Pa	Baltic / Rovno amber
†	<b><i>Thereola</i> Petrunkevitch, 1955</b>		<b>Palaeogene</b>
	= † <i>Therea</i> Koch & Berendt, 1854 [preoccupied]		
978.	<i>Thereola petiolata</i> (C. L. Koch & Berendt, 1854)* [♀ = ? <i>Dasuminia</i> sp. according to Wunderlich 2004b]	Pa	Baltic amber
979.	<i>Thereola pubescens</i> (Menge in C. L. Koch & Berendt, 1854)	Pa	Baltic amber
†	<b><i>Trochanteridromulus</i> Wunderlich, 2004am</b>		<b>Palaeogene</b>
980.	<i>Trochanteridromulus glabripes</i> Wunderlich, 2004am*	Pa	Baltic amber
†	<b><i>Trochanteridromus</i> Wunderlich, 2004am</b>		<b>Palaeogene</b>
981.	<i>Trochanteridromus scutatus</i> Wunderlich, 2004am*	Pa	Baltic amber
†	<b><i>Veterator</i> Petrunkevitch, 1963</b>		<b>Neogene</b>
982.	<i>Veterator angustus</i> Wunderlich, 1988	Ne	Dominican amber
983.	<i>Veterator ascutum</i> Wunderlich, 1988	Ne	Dominican amber
984.	<i>Veterator extinctus</i> Petrunkevitch, 1963*	Ne	Chiapas amber
985.	<i>Veterator incompletus</i> Wunderlich, 1982	Ne	Dominican amber
986.	<i>Veterator longipes</i> Wunderlich, 1988	Ne	Dominican amber
987.	<i>Veterator loricatus</i> Wunderlich, 1988	Ne	Dominican amber
988.	<i>Veterator porrectus</i> Wunderlich, 1988	Ne	Dominican amber
989.	<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><i>Prodidomus</i> Hentz, 1847</b>		<b>Quaternary – Recent</b>
990.	<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>
991. <i>Captrix lineata</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
<b>Drassodes Westring, 1851</b> .....	<b>Palaeogene – Recent</b>
992. <i>Drassodes cupreus</i> (Blackwall, 1834a) <b>[Recent]</b> .....	Qt England
993. <i>?Drassodes femurus</i> Lin, Zhang & Wang, 1989 .....	Ne Shanwang
994. <i>?Drassodes sextii</i> Berland, 1939 .....	Pa Aix-en-Provence
† <b>Drassyllinus Wunderlich, 1988</b> .....	<b>Neogene</b>
995. <i>Drassyllinus aliter</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Eognaphosops Wunderlich, 2011b</b> .....	<b>Palaeogene</b>
996. <i>Eognaphosops cryptoplanoides</i> Wunderlich 2011b* .....	Pa Baltic amber
† <b>Eomactator Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
997. <i>Eomactator hamatus</i> Wunderlich, 2011b .....	Pa Baltic amber
998. <i>Eomactator hirsutipes</i> Wunderlich, 2011b .....	Pa Baltic amber
999. <i>Eomactator mactatus</i> Petrunkevitch, 1958* .....	Pa Baltic amber
1000. <i>Eomactator obscurior</i> Wunderlich, 2011b .....	Pa Baltic amber
<b>Gnaphosa Latreille, 1804a</b> .....	<b>?Cretaceous – Recent</b>
1001. <i>Gnaphosa affinis</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Philodromus dubius</i> C. L. Koch & Berendt, 1854	
1002. <i>Gnaphosa ambigua</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1003. <i>Gnaphosa liaoningensis</i> Chang, 2004	
[generic assignment unreliable!] .....	K Jehol biota
<b>Micaria Westring, 1851</b> .....	<b>Palaeogene – Recent</b>
1004. <i>Micaria procera</i> C. L. Koch & Berendt, 1954 .....	Pa Baltic amber
1005. <i>Micaria tenella</i> Heer, 1865 .....	Ne Öhningen
† <b>Palaeodrassus Petrunkevitch, 1922</b> .....	<b>Palaeogene</b>
1006. <i>Palaeodrassus cockerelli</i> Petrunkevitch, 1922 .....	Pa Florissant
1007. <i>Palaeodrassus florissanti</i> Petrunkevitch, 1922 .....	Pa Florissant
1008. <i>Palaeodrassus hesternus</i> (Scudder, 1890a) .....	Pa Florissant
1009. <i>Palaeodrassus ingenuus</i> (Scudder, 1890a)* .....	Pa Florissant
1010. <i>Palaeodrassus interitus</i> (Scudder, 1890a) .....	Pa Florissant
<b>Scopoides Platnick, 1989</b> .....	<b>Palaeogene – Recent</b>
<i>Scopoides dominicanus</i> Wunderlich, 2011g .....	Ne Dominican amber
<b>Zelotes Gistel, 1848</b> .....	<b>Palaeogene</b>
1011. <i>Zelotes concinna</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1012. <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
1013. <i>Zelotes regalis</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
† <b>Zelotetis Wunderlich, 2011b</b> .....	<b>Palaeogene</b>

1014. <i>Zelotetis calefacta</i> Wunderlich, 2011b	Pa Baltic amber
<b>SELENOPIIDAE Simon, 1897a</b>	<b>Palaeogene – Recent</b>
† <b><i>Garcorops</i> Corronca, 2003</b>	<b>Quaternary – Recent</b>
1015. <i>Garcorops jadis</i> Bosselaers, 2004	Qt Madagascar copal
i. = ? <i>Anyphops cortex</i> Wunderlich, 2004as	Qt Madagascar copal
<b><i>Selenops</i> Latreille, 1819</b>	<b>Palaeogene – Recent</b>
1016. <i>Selenops benoiti</i> Wunderlich, 2004as	Qt Madagascar copal
1017. <i>Selenops beynai</i> Schawaller, 1984	Ne Dominican amber
1018. <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><i>Caduceator</i> Petrunkevitch, 1942</b>	<b>Palaeogene</b>
1019. <i>Caduceator minutus</i> Petrunkevitch, 1942*	Pa Baltic amber
1020. <i>Caduceator quadrimaculatus</i> Petrunkevitch, 1950	Pa Baltic amber
† <b><i>Collacteus</i> Petrunkevitch, 1942</b>	<b>Palaeogene</b>
1021. <i>Collacteus captivus</i> Petrunkevitch, 1942*	Pa Baltic amber
† <b><i>Eostaianus</i> Petrunkevitch, 1950</b>	<b>Palaeogene</b>
1022. <i>Eostaianus succini</i> Petrunkevitch, 1950*	Pa Baltic amber
† <b><i>Eostasina</i> Petrunkevitch, 1942</b>	<b>Palaeogene</b>
1023. <i>Eostasina aculeata</i> Petrunkevitch, 1942*	Pa Baltic amber
<b><i>Eusparassus</i> Simon 1903</b>	<b>Palaeogene – Recent</b>
1024. <i>Eusparassus crassipes</i> (C. L. Koch & Berendt, 1854)	Pa Baltic amber
<b><i>Heteropoda</i> Latreille, 1804a</b>	<b>Palaeogene – Recent</b>
= † <i>Retina</i> Hong, 1985	
1025. <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><i>Pseudosparianthis</i> Simon, 1887</b>	<b>Neogene – Recent</b>
1026. <i>Pseudosparianthis pfeifferi</i> (Wunderlich, 1988)	Ne Dominican amber
<b><i>Zachria</i> L. Koch, 1875</b>	<b>Palaeogene – Recent</b>
1027. <i>Zachria desiderabilis</i> Petrunkevitch, 1950	Pa Baltic amber
1028. <i>Zachria peculiata</i> Petrunkevitch, 1946	Pa Baltic amber
1029. <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>
1030. <i>Cretadromus liaoningensis</i> Cheng, Shen & Gao, 2009 .....	K Liaoning Province
† <b>Eoathanatus Petrunkevitch, 1950</b> .....	<b>Palaeogene – Recent</b>
1031. <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 (2004ap) .....	Pa Baltic amber
Thomisidae gen. et sp. <i>in</i> García-Villafuerte (2006b) .....	Ne Chiapas amber
<b>Coriarachne Thorell, 1870b</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>
1032. <i>Ecotona brunnea</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
1033. <i>Ecotona pilulifera</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
1034. <i>Ecotona transipeda</i> Lin, Zhang & Wang, 1989* .....	Ne Shanwang
† <b>Facundia Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1035. <i>Facundia clara</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Fiducia Petrunkevitch, 1950</b> .....	<b>Palaeogene</b>
1036. <i>Fiducia tenuipes</i> Petrunkevitch, 1950* .....	Pa Baltic amber
† <b>Filiolella Petrunkevitch, 1955a</b> .....	<b>Palaeogene</b>
= † <i>Filiola</i> Petrunkevitch, 1942 [preoccupied]	
1037. <i>Filiolella argentata</i> (Petrunkevitch, 1942)* .....	Pa Baltic amber
† <b>Heterotmarus Wunderlich, 1988</b> .....	<b>Neogene</b>
1038. <i>Heterotmarus altus</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Komisumena Ono, 1981</b> .....	<b>Neogene</b>
1039. <i>Komisumena rosae</i> Ono, 1981* .....	Ne Dominican amber
† <b>Miothomismus Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Neogene</b>
1040. <i>Miothomismus subnudus</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
1041. <i>Miothomismus sylvaticus</i> Zhang, Sun & Zhang, 1994* .....	Ne Shanwang
<b>Misumena Latreille, 1804a</b> .....	<b>Palaeogene – Recent</b>
1042. <i>Misumena samlandica</i> Petrunkevitch, 1942 .....	Pa Baltic amber

† <b>Palaeoxysticus Wunderlich, 1985</b> .....	<b>Neogene</b>
1043. <i>Palaeoxysticus extinctus</i> Wunderlich, 1985 .....	Ne Randecker Maar
† <b>Parvulus Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Neogene</b>
1044. <i>Parvulus latissimus</i> Zhang, Sun & Zhang, 1994* .....	Ne Shanwang
† <b>Succinaenigma Wunderlich, 2004ap</b> .....	<b>Palaeogene</b>
1045. <i>Succinaenigma raptor</i> Wunderlich, 2004ap* .....	Pa Baltic amber
† <b>Succiniraptor Wunderlich, 2004ao</b> .....	<b>Palaeogene</b>
1046. <i>Succiniraptor radiatus</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
i. = <i>Succiniraptor paradoxus</i> Wunderlich, 2004ao* .....	Pa Baltic amber
<b>Synema Simon, 1864</b> .....	<b>Palaeogene – Recent</b>
1047. <i>Synema enigmaticum</i> Berland, 1939 .....	Pa Aix-en-Provence
† <b>Syphax C. L. Koch &amp; Berendt, 1854</b> .....	<b>Palaeogene</b>
1048. <i>Syphax asper</i> Petrunkevitch, 1950 .....	Pa Baltic amber
1049. <i>Syphax crassipes</i> Petrunkevitch, 1942 .....	Pa Baltic amber
1050. <i>Syphax fuliginosus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
1051. <i>Syphax gracilis</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
1052. <i>Syphax megacephalus</i> C. L. Koch & Berendt, 1854* .....	Pa Baltic amber
1053. <i>Syphax thoracicus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Thomisiraptor Wunderlich, 2004ap</b> .....	<b>Palaeogene</b>
1054. <i>Thomisiraptor liedtkei</i> Wunderlich, 2004ap* .....	Pa Baltic amber
<b>Thomismus Walckenaer, 1805</b> .....	<b>Palaeogene – Recent</b>
1055. <i>Thomismus defossus</i> Scudder, 1890a .....	Pa Florissant
1056. <i>Thomismus disjunctus</i> Scudder, 1890a .....	Pa Florissant
1057. <i>Thomismus lividus</i> Heer, 1865 .....	Ne Öhningen
1058. <i>Thomismus resutus</i> Scudder, 1890a .....	Pa Florissant
1059. <i>Thomismus sulzeri</i> Heer, 1865 .....	Ne Öhningen
<b>Xysticus C. L. Koch, 1835</b> .....	<b>Palaeogene – Recent</b>
1060. ? <i>Xysticus annulipes</i> Bertkau, 1878b .....	Ne Rott, Germany
1061. <i>Xysticus archaeopalpus</i> Leech & Matthews, 1971 .....	Ne Alaska
1062. <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>
1063. <i>Almolinus bitterfeldensis</i> Wunderlich, 2004aq .....	Pa Bitterfeld amber
1064. <i>Almolinus clarus</i> Petrunkevitch, 1958* .....	Pa Baltic amber
1065. <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>
1066. <i>Attoides eresiformis</i> Brongniart, 1877 .....	Pa Aix-en-Provence
† <b>Calilinus Wunderlich, 2004aq</b> .....	<b>Palaeogene</b>
1067. <i>Calilinus fleissneri</i> Wunderlich, 2004aq* .....	Pa Baltic amber
† <b>Cenattus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1068. <i>Cenattus exophthalmicus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
<b>Corythalia C. L. Koch, 1851</b> .....	<b>Neogene – Recent</b>
1069. <i>Corythalia ocululiter</i> Wunderlich, 1988 .....	Ne Dominican amber
1070. <i>Corythalia pilosa</i> Wunderlich, 1982 .....	Ne Dominican amber
1071. <i>Corythalia scissa</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Descangeles Wunderlich, 1988</b> .....	<b>Neogene</b>
1072. <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>
1073. <i>Distanilinus filum</i> Wunderlich, 2004aq .....	Pa Baltic amber
1074. <i>Distanilinus nutus</i> Wunderlich, 2004aq* .....	Pa Baltic amber
1075. <i>Distanilinus paranutus</i> Wunderlich, 2004aq .....	Pa Baltic amber
1076. <i>Distanilinus pernutus</i> Wunderlich, 2004aq .....	Pa Baltic amber
† <b>Eoattopsis Gourret, 1887</b> .....	<b>Palaeogene</b>
1077. <i>Eoattopsis hirsutus</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Eolinus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1078. <i>Eolinus balticus</i> Žabka, 1988 .....	Pa Baltic amber
1079. <i>Eolinus fungus</i> Wunderlich, 2004aq .....	Pa Baltic amber
1080. <i>Eolinus insuriens</i> Wunderlich, 2004aq .....	Pa Baltic amber
1081. <i>Eolinus prominens</i> Wunderlich, 2004aq .....	Pa Baltic amber
1082. <i>Eolinus samlandica</i> Wunderlich, 2004aq .....	Pa Baltic amber
1083. <i>Eolinus succineus</i> Petrunkevitch, 1942* .....	Pa Baltic amber
1084. <i>Eolinus theryi</i> Petrunkevitch, 1942 .....	Pa Baltic amber
1085. <i>Eolinus theryoides</i> Wunderlich, 2004aq .....	Pa Baltic amber
1086. <i>Eolinus tystschenkoi</i> Proszynski & Žabka, 1980 .....	Pa Baltic amber
1087. <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>
1088. <i>Euophrys gibberula</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1089. <i>Euophrys randeckensis</i> Schawaller & Ono, 1979 .....	Ne Randecker Maar
† <b>Evagoratus Zhang, Sun &amp; Zhang, 1994</b> .....	<b>Neogene</b>
1090. <i>Evagoratus longicruris</i> Zhang, Sun & Zhang, 1994 .....	Ne Shanwang
† <b>Gorgopsidis Wunderlich, 2004aq</b> .....	<b>Palaeogene</b>
1091. <i>Gorgopsidis bechlyi</i> Wunderlich, 2004aq* .....	Pa Baltic amber

† <b>Gorgopsina Petrunkevitch, 1955a</b> .....	<b>Palaeogene</b>
1092. <i>Gorgopsina amabilis</i> Wunderlich, 2004aq .....	Pa Baltic amber
1093. <i>Gorgopsina constricta</i> Wunderlich, 2004aq .....	Pa Baltic amber
1094. <i>Gorgopsina expandens</i> Wunderlich, 2004aq .....	Pa Baltic amber
1095. ' <i>Gorgopsina</i> ' <i>fasciata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1096. <i>Gorgopsina flexuosa</i> Wunderlich, 2004aq .....	Pa Baltic amber
1097. <i>Gorgopsina formosa</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1098. <i>Gorgopsina fractura</i> Wunderlich, 2004ar .....	Pa Rovno amber
1099. <i>Gorgopsina frenata</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
1100. <i>Gorgopsina inclusa</i> Wunderlich, 2004aq .....	Pa Baltic amber
1101. <i>Gorgopsina jucunda</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
1102. <i>Gorgopsina marginata</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1103. <i>Gorgopsina melanocephala</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1104. <i>Gorgopsina naumanni</i> Giebel, 1856 .....	Pa Baltic amber
1105. <i>Gorgopsina paulula</i> (C. L. Koch & Berendt, 1854) .....	Pa Baltic amber
1106. <i>Gorgopsina rectangularis</i> Wunderlich, 2011h .....	Pa Baltic amber
1107. <i>Gorgopsina speciosa</i> Wunderlich, 2004aq .....	Pa Baltic amber
<b>Heliophanus C. L. Koch, 1833</b> .....	<b>Palaeogene – Recent</b>
1108. <i>Heliophanus extinctus</i> Berland, 1939 .....	Pa Aix-en-Provence
<b>Hyllus C. L. Koch, 1846</b> .....	<b>Palaeogene – Recent</b>
= † <i>Parevophrys</i> Petrunkevitch, 1942	
1109. <i>Hyllus succini</i> (Petrunkevitch, 1942) .....	Pa Baltic amber
<b>Lyssomanes Hentz, 1845</b> .....	<b>Neogene – Recent</b>
1110. <i>Lyssomanes pristinus</i> Wunderlich, 1986 .....	Ne Dominican amber
i. = <i>Lyssomanes galianoae</i> Reiskind, 1989 .....	Ne Dominican amber
1111. <i>Lyssomanes pulcher</i> Wunderlich, 1988 .....	Ne Dominican amber
† <b>Microlinus Wunderlich, 2004aq</b> .....	<b>Palaeogene</b>
1112. <i>Microlinus calidus</i> Wunderlich, 2004aq .....	Pa Baltic amber
1113. <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]	
1114. <i>Myrmarachne formicoides</i> (Holl, 1829) .....	?Qt Copal [?not amber]
<b>Neon Simon, 1876a</b> .....	<b>Quaternary – Recent</b>
1115. <i>Neon ?reticulatus</i> (Blackwall, 1853) <b>[Recent]</b> .....	Qt England
† <b>Paralinus Petrunkevitch, 1942</b> .....	<b>Palaeogene</b>
1116. <i>Paralinus crosbyi</i> Petrunkevitch, 1942* .....	Pa Baltic amber
† <b>Pensacolatus Wunderlich, 1988</b> .....	<b>Neogene</b>
1117. <i>Pensacolatus coxalis</i> Wunderlich, 1988* .....	Ne Dominican amber
1118. <i>Pensacolatus spinipes</i> Wunderlich, 1988 .....	Ne Dominican amber
1119. ? <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>
1120. <i>Phidippus impressus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
1121. <i>Phidippus pusillus</i> C. L. Koch & Berendt, 1854 .....	Pa Baltic amber
† <b>Phlegrata Wunderlich, 1988</b> .....	<b>Neogene</b>
1122. <i>Phlegrata pala</i> Wunderlich, 1988* .....	Ne Dominican amber
† <b>Prolinus Petrunkevitch, 1958</b> .....	<b>Palaeogene</b>
1123. <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]	
1124. <i>Steneattus promissa</i> (C. L. Koch & Berendt, 1854)* .....	Pa Baltic amber
<b>Thiodina Simon, 1900</b> .....	<b>Neogene</b>
1125. <i>Thiodina beugelorum</i> Wolff, 1990 .....	Ne Dominican amber
 <b>Araneomorphae incertae sedis</b>	
† <b>Elvina Thorell, 1870b</b> .....	<b>Neogene</b>
1126. <i>Elvina antiqua</i> (von Heyden, 1859) .....	Ne Linz am Rhein
 <b>Araneae incerate sedis</b>	
Araneae gen. et sp. nov. in Ansorge (2003) .....	J Grimmen, Germany
† <b>Amphiclotho Gourret, 1887</b> .....	<b>Palaeogene</b>
1127. <i>Amphiclotho breviscula</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Amphithomus Gourret, 1887</b> .....	<b>Palaeogene</b>
1128. <i>Amphithomus barbatus</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Atocatle Feldmann, Vega, Applegate &amp; Bishop, 1998</b> [really a spider?].....	<b>Cretaceous</b>
1129. <i>Atocatle ranulfoi</i> Feldmann, Vega, Applegate & Bishop, 1998* .....	K Puebla, México
† <b>Cercidiella Gourret, 1887</b> .....	<b>Palaeogene</b>
1130. <i>Cercidiella aquisextana</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Clubionella Gourret, 1887</b> .....	<b>Palaeogene</b>
1131. <i>Clubionella antiqua</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Eresoides Gourret, 1887</b> .....	<b>Palaeogene</b>
1132. <i>Eresoides orbicularis</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Hersilioides Gourret, 1887</b> .....	<b>Palaeogene</b>
1133. <i>Hersilioides thanatiformis</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Opisthophylax Menge, 1856</b> .....	<b>Palaeogene</b>
1134. <i>Opisthophylax exarata</i> Menge, 1856* .....	Pa Baltic amber
† <b>Prodysdera Gourret, 1887</b> .....	<b>Palaeogene</b>
1135. <i>Prodysdera intermedia</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Protochersis Gourret, 1887</b> .....	<b>Palaeogene</b>
1136. <i>Protochersis spinosus</i> Gourret, 1887* .....	Pa Aix-en-Provence
† <b>Protolachesis Gourret, 1887</b> .....	<b>Palaeogene</b>

1137. *Protolachesis annulata* Gourret, 1887\* ..... Pa Aix-en-Provence  
† ***Paralycosa* Dunlop & Jekel, 2009** ..... **Palaeogene**  
= † *Protolycosa* Gourret, 1887 [preoccupied]
1138. *Paralycosa attiformis* (Gourret, 1887)\* ..... Pa Aix-en-Provence  
† ***Pseudothomisus* Gourret, 1887** ..... **Palaeogene**
1139. *Pseudothomisus articulatus* Gourret, 1887\* ..... Pa Aix-en-Provence  
† ***Schellenbergia* Heer, 1865** ..... **Neogene**
1140. *Schellenbergia rotundata* Heer, 1865\* ..... Ne Öhningen  
† ***Timeropus* Thorell, 1891** ..... **Palaeogene**  
= † *Lycosoides* Gourret, 1887 [preoccupied]
1141. *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 aberrans* Petrunkevitch, 1958 ..... Pa Baltic amber
13. *Ero setulosa* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

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

14. *Fictotama extincta* Petrunkevitch, 1963\* ..... Ne Chiapas amber

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

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

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

##### † ***Mimetarchaea* Eskov, 1992** ..... **Palaeogene**

16. *Mimetarchaea gintaras* Eskov, 1992\* ..... Pa Baltic amber



NB: Name based on a subadult male

- † ***Miropholcus* Petrunkevitch, 1942 (*nomen dubium*)** ..... **Palaeogene**  
 = † *Miropholcus* Petrunkevitch, 1942 [*lapsus*]  
 17. *Miropholcus heteropus* Petrunkevitch, 1942\* ..... Pa Baltic amber
- † ***Perturbator* Petrunkevitch, 1971 (*nomen dubium*)** ..... **Neogene**  
 18. *Perturbator corniger* Petrunkevitch, 1971\* ..... Ne Chiapas amber
- † ***Phalangopus* Menge in C. L. Koch & Berendt, 1854 (*nomen dubium*)** ..... **Palaeogene**  
 19. *Phalangopus subtilis* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † ***Praeoarces* Wunderlich, 2004q** ..... **Palaeogene**  
 20. *Praeoarces exitus* Wunderlich, 2004q\* ..... Pa Baltic amber
- Segestria* Latreille, 1804** [also contains valid fossil species]  
 21. *Segestria elongata* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 22. *Segestria nana* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

#### NOMINA NUDA

- Amaurobius* C. L. Koch, 1837** [no currently valid fossil species]  
 1. *Amaurobius spinimanus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † ***Anatone* Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**  
 2. *Anatone hirsuta* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 3. *Anatone marginata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 4. *Anatone spinipes* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Aranea* Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]  
 5. *Aranea fossilis* Keferstein, 1834 ..... Pa Aix-en-Provence
- Archaea* C. L. Koch & Berendt, 1854** [also contains valid fossil species]  
 6. *Archaea incomta* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 7. *Archaea sphinx* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † ***Athera* Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**  
 8. *Athera exilis* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Attus* Walckenaer, 1805** [now *Salticus* Latreille, 1804; no currently valid fossil species]  
 9. *Attus fossilis* Walckenaer, 1837 ..... Pa Baltic amber
- Clubiona* Latreille, 1804** [also contains valid fossil species]  
 10. *Clubiona eseri* Heer, 1865 ..... Ne Öhningen  
 11. *Clubiona latifrons* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 12. *Clubiona parvula* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 13. *Clubiona pilosa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † ***Clythia* C. L. Koch & Berendt, 1854** [also contains a *nomen dubium* fossil species]  
 14. *Clythia funestra* Koch & Berendt, 1854 ..... Pa Baltic amber  
 15. *Clythia gracilentata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber  
 16. *Clythia leptocarena* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † ***Dielacata* Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**  
 17. *Dielacata superba* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber

- Drassus Walckenaer, 1805** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
18. *Drassus oblongus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Dysdera Latreille, 1804** [also contains valid fossil species]
19. *Dysdera hippopodium* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
20. *Dysdera glabrata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
21. *Dysdera scobiculata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
22. *Dysdera tenera* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Eolinus Petrunkevitch, 1942** [also contains valid fossil species]
23. *Eolinus bitterfeldensis* Wunderlich, 2004aq ..... Pa Baltic amber
24. *Eolinus tystschenkoides* Wunderlich, 2004aq ..... Pa Baltic amber
- Epeira Walckenaer, 1805** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
25. *Epeira eocaenica* Giebel, 1856 ..... Pa Baltic amber
26. *Epeira eocena* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Epeiridion Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
27. *Epeiridion femoratum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Erithus Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
28. *Erithus applanatus* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Ero C. L. Koch & Berendt, 1836** [also contains valid fossil species]
29. *Ero coronata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
30. *Ero exculpta* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
31. *Ero sphaerica* C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
32. *Ero quadripunctata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Eyukselus Özdikmen, 2007 (*nomen nudum*)** ..... **Palaeogene**
- = † *Propetes* Menge, 1854 [preoccupied]
33. *Eyukselus argutus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
34. *Eyukselus felinus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
35. *Eyukselus griseus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
36. *Eyukselus latifrons* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
37. *Eyukselus pumilus* (Menge in C. L. Koch & Berendt, 1854) ..... Pa Baltic amber
- Gea C. L. Koch, 1843** [also contains valid fossil species]
38. *Gea pubescens* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Heteromma Menge, 1856 (*nomen nudum*)** ..... **Palaeogene**
39. *Heteromma intersecta* Menge, 1856\* ..... Pa Baltic amber
- † **Idmonia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
40. *Idmonia virginea* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Melanophora C. L. Koch, 1833** [now *Zelotes* Gistel, 1848; which also contains valid fossil species]
41. *Melanophora lepida* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
42. *Melanophora nitida* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Micaria Westring, 1851** [also contains valid fossil species]
43. *Micaria ovata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
44. *Micaria squamata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
45. *Micaria tenuis* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

- Micryphantes C. L. Koch, 1833** [also contains valid fossil species]
46. *Micryphantes globulus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
47. *Micryphantes turritus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Mizalia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
48. *Mizalia truncata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Ocia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
49. *Ocia hirsuta* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Ocypete C. L. Koch, 1836** [now *Heteropoda* Latreille, 1804; which also contains valid fossil species]
50. *Ocypete angustifrons* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
51. *Ocypete marginata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Onca Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
52. *Onca lepida* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
53. *Onca pumila* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- Philodromus Walckenaer, 1826** [also contains valid fossil species]
54. *Philodromus griseus* Menge, 1856 ..... Pa Baltic amber
55. *Philodromus marginatus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
56. *Philodromus reptans* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
57. *Philodromus redogradus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
58. *Philodromus spinipes* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Pythonissa C. L. Koch, 1837** [now *Gnaphosa* Latreille, 1804; which also contains valid fossil species]
59. *Pythonissa bipunctata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
60. *Pythonissa discophora* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
61. *Pythonissa glabra* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
62. *Pythonissa villosa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Segestria Latreille, 1804** [also contains valid fossil species]
63. *Segestria exarata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
64. *Segestria sulcata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
65. *Segestria undulata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Siga Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
66. *Siga crinita* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † **Spheconia Menge in C. L. Koch & Berendt, 1854 (*nomen nudum*)** ..... **Palaeogene**
67. *Spheconia brevipes* Menge in C. L. Koch & Berendt, 1854\* ..... Pa Baltic amber
- † **Syphax C. L. Koch & Berendt, 1854** [also contains valid fossil species]
68. *Syphax hirtus* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Theridium Walckenaer, 1805** [now *Theridion* Walckenaer, 1805; which also contains valid fossil species]
69. *Theridium bifurcum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
70. *Theridium chorius* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
71. *Theridium clavigerum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
72. *Theridium crassipes* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
73. *Theridium setulosum* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- Thomisus Walckenaer, 1805** [also contains valid fossil species]
74. *Thomisus matutinus* Menge, 1856 ..... Pa Baltic amber

- † **Thyelia C. L. Koch & Berendt, 1854** [also contains valid fossil species]
75. *Thyelia menzei* Giebel, 1856 ..... Pa Baltic amber
76. *Thyelia pectinata* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
77. *Thyelia spinosa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
- † **Zilla C. L. Koch & Berendt, 1834** [also contains valid fossil species]
78. *Zilla cornumana* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber
79. *Zilla spinipalpa* Menge in C. L. Koch & Berendt, 1854 ..... Pa Baltic amber

#### MISIDENTIFICATIONS

- Aranea Clerck, 1757** [now *Araneus* Clerck, 1757; which also contains valid fossil species]
1. *Aranea fusca pilosa* Bloch, 1776 [*nomen dubium*; non Araneae?] ..... Qt Copal
- † **Archaeometa Pocock, 1911** ..... **?Devonian – Carb.**
2. *?Archaeometa devonica* Størmer, 1976 [unidentifiable] ..... D Alken an der Mosel
3. *Archaeometa nephilina* Pocock, 1911\* [not identified] ..... C Coseley
- † **Arachnometa Petrunkevitch, 1949** ..... **Carboniferous**
4. *Arachnometa tuberculata* Petrunkevitch, 1949\* [not identified] ..... C Coseley
- † **Eopholcus Frič, 1904** ..... **Carboniferous**
5. *Eopholcus pedatus* Frič, 1904\* [not identified] ..... C Nýřany
- † **Palaeocteniza Hirst, 1923** ..... **Devonian**
6. *Palaeocteniza crassipes* Hirst, 1923\* [juvenile trigonotarbid?] ..... D Rhyne chert
- † **Pleurolycosa Frič, 1904** ..... **Carboniferous**
7. *Pleurolycosa prolifera* (Frič, 1901)\* [unidentifiable] ..... C Nýřany

42,055 Recent species according to Platnick (2011)

## 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

### UROPYGI Thorell, 1882 ..... Carbon. - Recent

= THELYPHONIDA Latreille, 1804b

= UROTRICHA C. L. Koch, 1851

= OXOPOEI Thorell, 1888

= HOLOPELTIDIA Börner, 1902

#### plesion genera

#### † *Geralinura* Scudder, 1884 ..... Carboniferous

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

#### † *Parageralinura* Tetlie & Dunlop, 2008 ..... Carboniferous

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

#### † *Proschizomus* Dunlop & Horrocks, 1996 ..... Carboniferous

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

#### † *Prothelyphonus* Frič, 1904 ..... Carboniferous

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

### THELYPHONIDAE Lucas 1835 ..... Cretaceous – Recent

#### † *Mesoproctus* Dunlop, 1988 ..... Cretaceous

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

#### MISIDENTIFICATIONS

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



## SCHIZOMIDA

6 currently valid species of fossil schizomid from 6 published names

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

<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>Calcoschizomus</i> Pierce, 1951</b> .....	<b>Neogene</b>
3. <i>Calcoschizomus latisternum</i> Pierce, 1951 .....	Ne Onyx Marble
? <b><i>Mayazomus</i> Reddell &amp; Cokendolpher, 1995</b> .....	? <b>Neogene – Recent</b>
4. ? <i>Mayazomus pseudoannulatus</i> Krüger & Dunlop, 2010 .....	Ne Dominican Amber
† <b><i>Onychothelyphonus</i> Pierce, 1950</b> .....	<b>Neogene</b>
5. <i>Onychothelyphonus bonneri</i> Pierce, 1950 .....	Ne Onyx Marble
<b><i>Stenochrus</i> Chamberlin, 1922</b> .....	<b>Neogene – Recent</b>
6. <i>Stenochrus 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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