

The Taxonomicon
Systema Naturae 2000

Classification of
Order *Trombidiformes*
(mites)
down to Family

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Universal Taxonomic Services

9 Apr 2017

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- Order Trombidiformes -

[Kingdom *Animalia*: Phylum *Arthropoda*: Class *Arachnida* - mites]

Order *Trombidiformes* Reuter, 1909

- 1 Suborder *Sphaerolichida* OConnor, 1984
 - 1 Superfamily *Lordalycioidea* Grandjean, 1939
 - 1 Family *Lordalycidae** Grandjean, 1939
 - 2 Superfamily *Sphaerolichoidea** Grandjean, 1939
 - 1 Family *Sphaerolichidae** Grandjean, 1939
- 2 Suborder *Prostigmata* Kramer, 1877
 - 1 Infraorder *Labidostommata* Krantz, 1978
 - 1 Superfamily *Labidostommatoidea** Oudemans, 1904
 - 1 Family *Labidostommatidae** Oudemans, 1904
 - 2 Infraorder *Eupodina* Krantz, 1978
 - 1 Superfamily *Bdelloidea* Dugès, 1834
 - 1 Family *Bdellidae** Dugès, 1834
 - 2 Family *Cunaxidae* Thor, 1902
 - 2 Superfamily *Halacaroidea* Murray, 1877
 - 1 Family *Pezidae* Harvey, 1990
 - 2 Family *Halacaridae** Murray, 1877
 - 3 Superfamily *Eupodoidea** Koch, 1842 - earth mites and their relatives
 - 1 Family *Pentapalpidae* Olivier & Theron, 2000
 - 2 Family *Cocceupodidae* Jesionowska, 2010
 - 3 Family *Eupodidae** Koch, 1842
 - 4 Family *Dendrochaetidae* Olivier, 2008
 - 5 Family *Eriorhynchidae* Qin & Halliday, 1997
 - 6 Family *Penthalodidae* Thor, 1933
 - 7 Family *Penthaleidae* Oudemans, 1931
 - 8 Family *Rhagidiidae* Oudemans, 1922
 - 9 Family *Strandtmanniidae* Zacharda, 1979
 - 4 Superfamily *Tydeidea* Kramer, 1877
 - 1 Family *Triophydeidae* André, 1980
 - 2 Family *Ereynetidae* Oudemans, 1931
 - 3 Family *Tydeidae** Kramer, 1877
 - 4 Family *Iolinidae* Pritchard, 1956
 - 5 Superfamily *Eriophyoidea* Nalepa, 1898 - gall and rust mites
 - 01 Genus *Areekulus* Chandrapatya, 1998, incertae sedis
 - 02 Genus *Bachinius* Chandrapatya & Boczek, 2000, incertae sedis
 - 03 Genus *Bischofius* Boczek & Chandrapatya, 2000, incertae sedis
 - 04 Genus *Criocarpus* Boczek & Chandrapatya, 2000, incertae sedis
 - 05 Genus *Ekaphyes* Boczek & Chandrapatya, 2000, incertae sedis
 - 06 Genus *Garcinyes* Boczek & Chandrapatya, 2000, incertae sedis
 - 07 Genus *Jaranasia* Chandrapatya & Boczek, 2000, incertae sedis
 - 08 Genus *Liparus* Boczek, 1996, incertae sedis
 - 09 Genus *Lithocarus* Chandrapatya & Boczek, 2000, incertae sedis
 - 10 Genus *Nonthaburinus* Chandrapatya, 1996, incertae sedis
 - 11 Genus *Parinarus* Chandrapatya & Boczek, 2000, incertae sedis
 - 12 Genus *Pentaporca* Huang, 1996, incertae sedis
 - 13 Genus *Petanovicia* Boczek, 1996, incertae sedis
 - 14 Genus *Randius* Boczek & Chandrapatya, 2000, incertae sedis
 - 15 Genus *Suthamus* Chandrapatya & Boczek, 2000, incertae sedis
 - 16 Genus *Visinus* Chandrapatya, 1996, incertae sedis
 - 17 Genus *Neopropilus* Huang, 1992, incertae sedis
 - 18 Genus *Ashieldophyes* Mohanasundaram, 1985, incertae sedis
 - 19 Genus *Vimola* Boczek, 1992, incertae sedis
 - 20 Genus *Bakeriella* Chakrabarti & Mondal, 1982, incertae sedis
 - 21 Genus *Cheiracus* Keifer, 1977, incertae sedis
 - 22 Genus *Diptilorhynacus* Mondal, Ghosh & Chakrabarti, 1982, incertae sedis
 - 23 Genus *Indosetacus* Ghosh & Chakrabarti, 1987, incertae sedis
 - 24 Genus *Jutarus* Boczek & Chandrapatya, 1989, incertae sedis
 - 25 Genus *Paracaphylla* Mohanasundaram, 1983, incertae sedis
 - 26 Genus *Shevtchenkella* Bagdasarian, 1978, incertae sedis
 - 27 Genus *Taspinus* Chandrapatya, 1991, incertae sedis
 - 28 Family *Diptilomiopidae* Keifer, 1944
 - 29 Family *Eriophyidae** Nalepa, 1898
 - 30 Family *Phytoptidae* Murray, 1877
 - 3 Infraorder *Anystina* van der Hammen, 1972
 - 1 Hyporder *Anystae** Krantz, 1978
 - 1 Superfamily *Caeculoidea* Berlese, 1883
 - 1 Family *Caeculidae** Berlese, 1883
 - 2.1 Superfamily *Adamystoidea* Cunliffe, 1957
 - 1 Family *Adamystidae** Cunliffe, 1957
 - 2.2 Superfamily *Anystoidea** Oudemans, 1936
 - 1 Family *Anystidae** Oudemans, 1936

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- Order Trombidiformes -

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- 2 Family *Pseudocheylidae* Oudemans, 1909
 - 3 Family *Teneriffiidae* Thor, 1911
 - 3 Superfamily *Paratydeoidea* Baker, 1949
 - 1 Family *Paratydeidae** Baker, 1949
 - 2 Family *Stigmocheylidae* Kethley, 1990
 - 4 Superfamily *Pomerantzioidae* Baker, 1949
 - 1 Genus *Walytydeus* Kuznetsov, 1973, incertae sedis
 - 2 Genus *Sacotydeus* Theron, Meyer & Ryke, 1970, incertae sedis
 - 3 Family *Pomerantziidae** Baker, 1949
 - 2 Hyporder *Parasitengona* Oudemans, 1909
 - 1 Superfamily *Amphotrombioidea* Zhang, 1998
 - 1 Family *Amphotrombiidae** Zhang, 1998
 - 2.1 Superfamily *Calyptostomatoidea* Oudemans, 1923
 - 1 Family *Calyptostomatidae** Oudemans, 1923
 - 2.2 Superfamily *Erythraeoidea* Robineau-Desvoidy, 1828
 - 1 Genus †*Pararainbowia* Dunlop, 2007, incertae sedis
 - 2 Family †*Protererythraeidae* Vercammen-Grandjean, 1973
 - 3 Family *Erythraeidae** Robineau-Desvoidy, 1828
 - 4 Family *Smarididae* Kramer, 1878
 - 3.1.1 Superfamily *Tanaupodoidea* Thor, 1935
 - 1 Family *Tanaupodidae** Thor, 1935
 - 3.1.2 Superfamily *Allotanaupodoidea* Zhang & Fan, 2007
 - 1 Family *Allotanaupodidae** Zhang & Fan, 2007
 - 3.2 Superfamily *Chyzerioidea* Womersley, 1954
 - 1 Family *Chyzeriidae** Womersley, 1954
 - 3.3.1 Superfamily *Yurebilloidea* Southcott, 1996
 - 1 Family *Yurebillidae** Southcott, 1996
 - 3.3.2 Superfamily *Trombidioidea* Leach, 1815
 - 1 Genus *Womersleyessia* Feider, 1956, incertae sedis
 - 2 Family *Achaemenothrombiidae* Saboori, Wohltmann & Hakimitabar, 2010
 - 3 Family *Neothrombiidae* Feider, 1959
 - 4 Family *Microtrombidiidae* Thor, 1935
 - 5 Family *Trombidiidae** Leach, 1815
 - 3.4 Superfamily *Trombiculoidea* Ewing, 1929
 - 1 Family *Johnstonianidae* Thor, 1935
 - 2 Family *Neotrombidiidae* Feider, 1955
 - 3 Family *Trombellidae* Thor, 1935
 - 4 Family *Leeuwenhoekiidae* Womersley, 1944
 - 5.1 Family *Trombiculidae** Ewing, 1929 - chiggers
 - 5.2 Family *Walchiidae* Ewing, 1946
 - 6 Family *Audyanidae* Southcott, 1987
 - 4.1 Superfamily *Hydryphantoidae* Piersig, 1896 - water mites
 - 1 Family *Hydryphantidae** Piersig, 1896
 - 2 Family *Hydrodromidae* Viets, 1936
 - 3 Family *Rhynchohydracaridae* Lundblad, 1936
 - 4 Family *Teratothyadidae* Viets, 1929
 - 5 Family *Ctenothyadidae* Lundblad, 1936
 - 6 Family *Thermacaridae* Sokolow, 1927
 - 7 Family *Zelandothyadidae* Cook, 1983
 - 8 Family *Malgasacaridae* Tuzovskij, Gerecke & Goldschmidt, 2007
 - 4.2 Superfamily *Eylaoidea* Leach, 1815
 - 1 Family *Apheviderulicidae* Gerecke, Smith & Cook, 1999
 - 2 Family *Limnocharidae* Grube, 1859
 - 3 Family *Eylidae* Leach, 1815
 - 4 Family *Piersigiidae* Oudemans, 1902
 - 4.3 Superfamily *Hydrovolzioidea* Thor, 1905
 - 1 Family *Hydrovolziidae** Thor, 1905
 - 2 Family *Acherontacaridae* Cook, 1967
 - 4.4 Superfamily *Hydrachnoidea* Leach, 1815
 - 1 Family *Hydrachnidae** Leach, 1815
 - 4.5 Superfamily *Lebertioidea* Thor, 1900
 - 01 Family *Bandakiopsidae* Panesar, 2004
 - 02 Family *Stygotoniidae* Cook, 1992
 - 03 Family *Sperchontidae* Thor, 1900
 - 04 Family *Rutripalpidae* Sokolow, 1934
 - 05 Family *Teutoniidae* Koenike, 1910
 - 06 Family *Anisitsiellidae* Koenike, 1910
 - 07 Family *Lebertiidae** Thor, 1900
 - 08 Family *Acucapitidae* Wiles, 1996
 - 09 Family *Oxidae* Viets, 1926
 - 10 Family *Torrenticolidae* Piersig, 1902
 - 4.6 Superfamily *Hygrobatoidea* Koch, 1842
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- Order Trombidiformes -

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- 01 Family *Pontarachnidae* Koenike, 1910
 - 02 Family *Limnesiidae* Thor, 1900
 - 03 Family *Omartacaridae* Cook, 1963
 - 04 Family *Wettinidae* Cook, 1956
 - 05 Family *Frontipodopsidae* Viets, 1931
 - 06 Family *Ferradasiidae* Cook, 1980
 - 07 Family *Lethaxonidae* Cook, Smith & Harvey, 2000
 - 08 Family *Hygrobatidae** Koch, 1842
 - 09 Family *Aturidae* Thor, 1900
 - 10 Family *Feltriidae* Viets, 1926
 - 11 Family *Unionicolidae* Oudemans, 1909
 - 12 Family *Pionidae* Thor, 1900
 - 13 Family *Astacocrotonidae* Thor, 1927
 - 4.7 Superfamily *Arrenuroidea* Thor, 1900
 - 01 Family *Momoniidae* Viets, 1926
 - 02.1 Family *Nudomideopsidae* Smith, 1990
 - 02.2 Family *Mideopsidae* Koenike, 1910
 - 03 Family *Athienemanniidae* Viets, 1922
 - 04 Family *Chappuisididae* Motas & Tanasachi, 1946
 - 05 Family *Gretacaridae* Viets, 1978
 - 06 Family *Neoacaridae* Motas & Tanasachi, 1947
 - 07 Family *Mideidae* Thor, 1911
 - 08 Family *Acalyptonotidae* Walter, 1911
 - 09 Family *Kantacaridae* Imamura, 1959
 - 10 Family *Nipponacaridae* Imamura, 1959
 - 11 Family *Harpagopalpidae* Viets, 1924
 - 12 Family *Arenohydracaridae* Cook, 1974
 - 13 Family *Amoenacaridae* Smith & Cook, 1997
 - 14 Family *Laversiidae* Cook, 1955
 - 15 Family *Krendowskiidae* Viets, 1926
 - 16 Family *Arrenuridae** Thor, 1900
 - 17 Family *Bogatiidae* Motas & Tanasachi, 1948
 - 18 Family *Hungarohydracaridae* Motas & Tanasachi, 1959
 - 19 Family *Uchidastygacaridae* Imamura, 1956
 - 5 Superfamily *Stygothrombioidea* Thor, 1935
 - 1 Family *Stygothrombiidae** Thor, 1935
 - 4 Infraorder *Eleutherengona* Oudemans, 1909
 - 1 Superfamily *Cloacaroida* Camin, Moss, Oliver & Singer, 1967, incertae sedis
 - 1 Family *Cloacaridae** Camin, Moss, Oliver & Singer, 1967
 - 2 Family *Epimyodicidae* Fain, Lukoschus & Rosmalen, 1982
 - 2 Hyporder *Raphignathina* Kethley, 1982
 - 1 Superfamily *Myobioidea* Mégnin, 1877
 - 1 Family *Myobiidae** Mégnin, 1877
 - 2 Superfamily *Pterygosomatoidea* Oudemans, 1910
 - 1 Family *Pterygosomatidae** Oudemans, 1910
 - 3 Superfamily *Raphignathoidea* Kramer, 1877
 - 01 Family *Barbutiidae* Robaux, 1975
 - 02 Family *Camerobiidae* Southcott, 1957
 - 03 Family *Cryptognathidae* Oudemans, 1902
 - 04 Family *Eupalopsellidae* Willmann, 1952
 - 05 Family *Homocaligidae* Wood, 1969
 - 06 Family *Caligonellidae* Grandjean, 1944
 - 07 Family *Raphignathidae** Kramer, 1877
 - 08 Family *Mecognathidae* Gerson & Walter, 1998
 - 09 Family *Stigmaeidae* Oudemans, 1931
 - 10.1 Family *Xenocaligonellidae* Gonzalez, 1978
 - 10.2 Family *Dasythyreidae* Walter & Gerson, 1998
 - 4 Superfamily *Tetranychoida* Donnadieu, 1875 - spider mites and their relatives
 - 1 Genus *Philippipalpus* Corpuz-Raros, 1978, incertae sedis
 - 2 Family *Allochaetophoridae* Reck, 1959
 - 3 Family *Linotetranae* Baker & Pritchard, 1953
 - 4 Family *Tenuipalpidae* Berlese, 1913
 - 5 Family *Tetranychidae** Donnadieu, 1875
 - 6 Family *Tuckerellidae* Baker & Pritchard, 1953
 - 5 Superfamily *Cheyletoidea* Leach, 1815 - hair, skin, and follicle mites
 - 1 Family *Cheyletidae** Leach, 1815
 - 2 Family *Demodicidae* Nicolet, 1855
 - 3 Family *Harpirhynchidae* Dubinin, 1957
 - 4 Family *Psorergatidae* Dubinin, 1955
 - 5 Family *Syringophilidae* Lavoipierre, 1953
 - 3 Hyporder *Heterostigmata* Berlese, 1899
 - 1 Superfamily *Tarsocheyloidea* Atyeo & Baker, 1964

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- Order Trombidiformes -

- 1 Family *Tarsocheylidae** Atyeo & Baker, 1964
- 2 Superfamily *Heterocheyleoidea* Trägårdh, 1950
 - 1 Family *Heterocheylidae** Trägårdh, 1950
- 3 Superfamily *Dolichocyboidea* Mahunka, 1970
 - 1 Family *Dolichocybidae** Mahunka, 1970
 - 2 Family *Crotalomorphidae* Lindquist & Krantz, 2002
- 4 Superfamily *Trochometridioidea* Mahunka, 1970
 - 1 Family *Trochometridiidae* Mahunka, 1970
 - 2 Family *Athyreacaridae* Lindquist, Kaliszewski & Rack, 1990
- 5 Superfamily *Pygmephoridea* Cross, 1965
 - 1 ?Subfamily *Meristoplaxinae* Mahunka, 1970
 - 2 Genus *Diroptes* Kaliszewski, 1988, incertae sedis
 - 3 Genus *Pseudobakerdania* Kaliszewski, 1988, incertae sedis
 - 4 Family *Pygmephoridae** Cross, 1965
 - 5 Family *Scutacaridae* Oudemans, 1916
 - 6 Family *Microdispidae* Cross, 1965
 - 7 Family *Neopygmephoridae* Cross, 1965
- 6 Superfamily *Pyemotoidea* Oudemans, 1937
 - 1 Family *Acarophenacidae* Cross, 1965
 - 2 Family *Caraboacaridae* Mahunka, 1970
 - 3.1 Family *Resinacaridae* Mahunka, 1976
 - 3.2 Family *Pyemotidae** Oudemans, 1937 - straw itch mites
- 7 Superfamily *Tarsonemoidea* Canestrini & Fanzago, 1877
 - 1 Family *Podapolipidae* Ewing, 1922
 - 2 Family *Tarsonemidae** Canestrini & Fanzago, 1877

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