

*The Taxonomicon*

*Systema Naturae 2000*

Classification of  
**Order *Opiliones***  
(arachnids)  
down to Family

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Universal Taxonomic Services

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# Systema Naturae 2000

## - Order Opiliones -

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

Order *Opiliones* Sundevall, 1833 - harvestmen

- 1 Genus †*Arachnometa* Petrunkevitch, 1949, incertae sedis
- 2.1 Suborder †*Tetrophthalmi* Garwood, Sharma, Dunlop & Giribet, 2014
  - 1 Genus †*Eophalangium* Dunlop, Anderson, Kerp & Hass, 2004
  - 2 Genus †*Hastocularis* Garwood, Sharma, Dunlop & Giribet, 2014
- 2.2 Suborder *Cyphophthalmi* Simon, 1879 - mite harvestmen
  - 1 Infraorder *Scopulophthalmi* Giribet, Sharma, Benavides, Boyer, Clouse, de Bivort, Dimitrov, Kawauchi, Murienne & Schwendinger, 2012
    - 1 Family *Pettalidae* Shear, 1980
  - 2.1 Superfamily *Stylocelloidea* Hansen & Sørensen, 1904
    - 1 Family *Stylocellidae*\* Hansen & Sørensen, 1904
  - 2.2.1 Infraorder *Sternophthalmi* Giribet, Sharma, Benavides, Boyer, Clouse, de Bivort, Dimitrov, Kawauchi, Murienne & Schwendinger, 2012
    - 1 Family *Troglosironidae* Shear, 1993
    - 2.1 Family *Ogoveidae* Shear, 1980
    - 2.2 Family *Neogoveidae* Shear, 1980
    - 2.2.2 Superfamily *Sironoidea*\* Simon, 1879
      - 1 Family *Sironidae*\* Leach, 1816
- 3 *Phalangida* Bristowe, 1949
  - 1 Family †*Archaeometidae* Petrunkevitch, 1949, incertae sedis
  - 2 *Palpatores* Thorell, 1876
    - 1 Suborder *Eupnoi* Hansen & Sørensen, 1904 - daddy longlegs
      - 1 Genus †*Daohugopilio* Huang, Selden & Dunlop, 2009, incertae sedis
      - 2 [plesion] Genus †*Brigantibunum* Dunlop & Anderson, 2005
      - 3.1 [plesion] Genus †*Macroglyon* Garwood, Dunlop, Giribet & Sutton, 2011
      - 3.2 Superfamily *Caddoidea* Banks, 1893
        - 1 Family *Caddidae*\* Banks, 1893
      - 4.1 [plesion] Family †*Kustarachnidae* Petrunkevitch, 1949
      - 4.2 Superfamily *Phalangoidea* Latreille, 1802
        - 1 Genus †*Petrunkevitchiana* Mello-Leitão, 1937, incertae sedis
        - 2? "*Metopilio group*" Cokendolpher & Lee, 1993
        - 3 Family *Neopilionidae* Lawrence, 1931
        - 4.1.1 Family *Protolophidae* Banks, 1893
        - 4.1.2 Family *Sclerosomatidae* Simon, 1879
        - 4.2 Family *Phalangidae*\* Latreille, 1802
    - 2 Suborder *Dyspnoi* Hansen & Sørensen, 1904 - ornate harvestmen
      - 1 Genus †*Ameticos* Garwood, Dunlop, Giribet & Sutton, 2011, incertae sedis
      - 2 Genus †*Echinopustulus* Dunlop, 2004, incertae sedis
      - 3 Family †*Halithersidae* Dunlop, Selden & Giribet, 2016, incertae sedis
      - 4 Superfamily *Acropsopilionoidea* Roewer, 1923
        - 1 Family *Acropsopilionidae*\* Roewer, 1923
      - 5.1 Superfamily *Ischyropsalidoidea* Simon, 1879
        - 1 ?Genus †*Piankhi* Dunlop, Bartel & Mitov, 2012
        - 2 Family *Taracidae* Schönhofer, 2013
        - 3.1 Family *Ischyropsalididae*\* Simon, 1879
        - 3.2 Family *Sabaconidae* Dresco, 1970
      - 5.2 Superfamily *Troguloidea* Sundevall, 1833
        - 1 Family †*Eotrogulidae* Petrunkevitch, 1955
        - 2 Family †*Nemastomoididae* Petrunkevitch, 1955
        - 3 Family *Nemastomatidae* Simon, 1872
        - 4.1 Family *Nipponopsalididae* Martens, 1976
        - 4.2.1 Family *Trogulidae*\* Sundevall, 1833
        - 4.2.2 Family *Dicranolasmatidae* Simon, 1879
    - 3 Suborder *Laniatores* Thorell, 1876 - armored harvestmen
      - 1 Genus *Philacarus* Sørensen, 1932, incertae sedis
      - 2 Infraorder *Insidiatores* Loman, 1900
        - 1 Superfamily *Triaenonychoidea* Sørensen, 1886
          - 1 Family *Synthetonychiidae* Forster, 1954
          - 2 Family *Triaenonychidae*\* Sørensen, 1886
        - 2 Superfamily *Travunioidea* Absolon & Kratochvíl, 1932
          - 1 Family *Travuniidae*\* Absolon & Kratochvíl, 1932
          - 2.1 Family *Cryptomastridae* Derkarabetian & Hedin, 2018, sedis mutabilis
          - 2.2 Family *Cladonychiidae* Hadzi, 1935, sedis mutabilis
          - 2.3 Family *Paranonychidae* Briggs, 1971, sedis mutabilis
      - 3 Infraorder *Grassatores* Kury, 2002
        - 1 Superfamily *Phalangodoidea* Simon, 1879
          - 1 Family *Phalangodidae*\* Simon, 1879
        - 2.1 Superfamily *Epedanoidea* Sørensen, 1886
          - 1 Family *Sandokanidae* Özdikmen & Kury, 2007
          - 2.1 Family *Epedanidae*\* Sørensen, 1886
          - 2.2.1 Family *Petrobunidae* Sharma & Giribet, 2011
          - 2.2.2.1 Family *Podoctidae* Roewer, 1912
          - 2.2.2.2 Family *Tithaeidae* Sharma & Giribet, 2011

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## - Order Opiliones -

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- 2.2.1.1 Superfamily *Assamioidea* Sørensen, 1884
  - 1 Family *Pyramidopidae* Sharma, Prieto & Giribet, 2011
  - 2.1 Family *Trionyxellidae* Roewer, 1912
  - 2.2 Family *Assamiidae*\* Sørensen, 1884
- 2.2.1.2.1 Superfamily *Samooidea* Sørensen, 1886
  - 1 Family *Biantidae* Thorell, 1889
  - 2.1 Family *Stygnommatidae* Roewer, 1923
  - 2.2 Family *Samoidae*\* Sørensen, 1886
- 2.2.1.2.2 Superfamily *Zalmoxoidea* Sørensen, 1886
  - 1.1 Family *Escadabiidae* Kury & Pérez-González, 2003, sedis mutabilis
  - 1.2 Family *Guasinidae* González-Sponga, 1997, sedis mutabilis
  - 1.3 Family *Kimulidae* Pérez-González, Kury & Alonso-Zarazaga, 2007, sedis mutabilis
  - 2.1 Family *Icaleptidae* Kury & Pérez-González, 2002
  - 2.2.1 Family *Fissiphalliidae* Martens, 1988
  - 2.2.2 Family *Zalmoxidae*\* Sørensen, 1886
- 2.2.2 Superfamily *Gonyleptoidea* Sundevall, 1833
  - 1 Family *Stygnopsidae* Sørensen, 1932
  - 2.1 Family *Agoristenidae* Silhavy, 1973
  - 2.2.1.1 Family *Stygnidae* Simon, 1879
  - 2.2.1.2 Family *Nomoclastidae* Roewer, 1943
  - 2.2.2.1 Family *Cryptogeobiidae* Kury, 2014
  - 2.2.2.2.1.1 Family *Cosmetidae* Koch, 1839
  - 2.2.2.2.1.2 Family *Metasarcidae* Kury, 1994
  - 2.2.2.2.2.1 Family *Gerdesiidae* Bragagnolo, Hara & Pinto-da-Rocha, 2015
  - 2.2.2.2.2.2.1 Family *Gonyleptidae*\* Sundevall, 1833
  - 2.2.2.2.2.2.1 Family *Manaosbiidae* Roewer, 1943
  - 2.2.2.2.2.2.2 Family *Cranidae* Roewer, 1913

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### Sources

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- Sharma, P.P. & Giribet, G.** 2014. A revised dated phylogeny of the arachnid order Opiliones. *Front. Genet.* **5** (art. 255), (28) Jul 2014: 1-13.

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