

**Class Diplopoda de Blainville in Gervais, 1844**  
supra-familial classification (Shelley, 2003)

**Subclass Penicillata Latreille, 1831**

- Order** Polyxenida Verhoeff, 1934
  - Superfamily** Polyxenoidea Lucas, 1840
  - Superfamily** Synxenoidea Silvestri, 1923

**Subclass Chilognatha Latreille, 1802/1803**

**Infraclass Pentazonia Brandt, 1833**

- Superorder** Limacomorpha Pocock, 1894
  - Order** Glomeridesmida Cook, 1895
- Superorder** Oniscomorpha Pocock, 1887
  - Order** Glomerida Brandt, 1833
  - Order** Sphaerotheriida Brandt, 1833

**Infraclass Helminthomorpha Pocock, 1887**

**Subterclass Colobognatha Brandt, 1834**

- Order** Platydesmida Cook, 1895
- Order** Polyzoniida Cook, 1895
- Order** Siphonocryptida Cook, 1895
- Order** Siphonophorida Hoffman, 1980

**Subterclass Eugnatha Attems, 1898**

**Superorder Juliformia Attems, 1926**

- Order** Julida Brandt
  - Superfamily** Blaniuloidea C. L. Koch, 1847
  - Superfamily** Juloidea Leach, 1814
  - Superfamily** Nemasomatoidea Bollman, 1893
  - Superfamily** Paeromopodoidea Cook, 1895
  - Superfamily** Parajuloidea Bollman, 1893
- Order** Spirobolida Cook, 1895
  - Suborder** Spirobolidea Cook, 1895
  - Suborder** Trigoniulidea Brölemann,
- Order** Spirostreptida Brandt, 1833
  - Suborder** Cambalidea Cook, 1895
  - Suborder** Epinannolenidea Chamberlin, 1922
  - Suborder** Spirostreptidea Brandt, 1833
    - Superfamily** Odontopygoidea Attems, 1909
    - Superfamily** Spirostreptoidea Pocock, 1894

**Superorder Nematophora Verhoeff, 1913**

- Order** Callipodida Pocock, 1894
  - Suborder** Callipodidea Pocock, 1894
  - Suborder** Schizopetalidea Hoffman, 1973
  - Suborder** Sinocallipodidea Shear, 2000
- Order** Chordeumatida Pocock, 1894
  - Suborder** Chordeumatidea Pocock, 1894
    - Superfamily** Chordeumatidea C. L. Koch, 1847
  - Suborder** Craspedosomatidea Cook, 1895
    - Superfamily** Anthroleucosomatoidea Verhoeff, 1899
    - Superfamily** Brannerioidea Cook, 1896a

- Superfamily Cleidogonoidea Cook, 1896
- Superfamily Craspedosomatoidea Gray in Jones, 1843
- Superfamily Haaseoidea Attems, 1899
- Superfamily Neoatractosomatoidea Verhoeff, 1901
- Superfamily Verhoeffioidea Verhoeff, 1899
- Suborder Heterochordeumatidea Shear, 2000
  - Superfamily Diplomaragnoidea Attems, 1907
  - Superfamily Heterochordeumatoidea Pocock, 1894
  - Superfamily Pygmaeosomatoidea Carl, 1941
- Suborder Striariidea Cook, 1896
  - Superfamily Striarioidea Bollman, 1893
- Order Stemmiulida Cook, 1895
- Superorder Merocheta Cook, 1895
- Order Polydesmida Pocock, 1887
  - Suborder Leptodesmidea Brölemann, 1916
    - Superfamily Chelodesmoidea Cook, 1895
    - Superfamily Platyhacoidea Pocock, 1895
    - Superfamily Rhachodesmoidea Carl, 1903
    - Superfamily Sphaeriodesmoidea Humbert & DeSaussure, 1869
    - Superfamily Xystodesmoidea Cook, 1895
  - Suborder Dalodesmidea Hoffman, 1980
  - Suborder Strongylosomatidea Brölemann, 1916
  - Suborder Polydesmidea Pocock, 1887
    - Infraorder Oniscodesmoides Simonsen, 1990
      - Superfamily Oniscodesmoidea DeSaussure, 1860
      - Superfamily Pyrgodesmoidea Silvestri, 1896
    - Infraorder Polydesmoides Pocock, 1887
      - Superfamily Haplodesmoidea Cook, 1895
      - Superfamily Opisotretoidea Hoffman, 1980
      - Superfamily Polydesmoidea Leach, 1815
      - Superfamily Trichopolydesmoidea Verhoeff, 1910

### Helminthomorpha *incertae sedis*

- Order Siphoniulida Cook, 1895