

Tanais and Isopods of British Columbia 2009

by Aaron Baldwin

by

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This list was compiled from several sources, however, it was built around the list from Fee (1926). Name changes and additional species were added using Kozloff (1996), Lamb and Hanby (2005), etc. All species listed have been recorded in British Columbia, although there are likely to be additions to this with further study. For this project the online listing of Californian isopods by Brusca et al. on the Tree of Life webpage was invaluable for providing updated classification and verifying some BC records. The classification scheme is mainly based upon the Integrated Taxonomic Information System (www.itis.gov). For this work I opted to follow Rafi & Laubitz (1990) in ranking the valviferan genus *Pentidotea* as a subgenus of *Idotea*, as this scheme appears to be the most current.

Order Tanaidacea Dana, 1849

Suborder Tanaidomorpha Sieg, 1980

Superfamily Paratanaoidea Lang, 1949

Family Leptocheliidae Lang, 1973

Genus *Heterotanais* Sars, 1882

Heterotanais groenlandicus Hansen, 1913

Genus *Leptochelia* Dana, 1849

Leptochelia dubia (Krøyer, 1842)

Genus *Pseudoleptochelia* Lang, 1973

Pseudoleptochelia filum (Stimpson, 1853)

Family Pseudotanaidae Sieg, 1976

Genus *Pseudotanais* Sars, 1882

Pseudotanais oculatus Hansen, 1913

Family *incertae cedis*

Genus *Paraleptognathia* Kudinova-Pasternak, 1981

Paraleptognathia longiremis (Lilljeborg, 1864)

Superfamily Tanaoidea Dana, 1849

Family Tanaidae Dana, 1849

Genus *Tanais* Latreille, 1831

Tanais loricatus Bate, 1864

Genus *Zeuxo* Templeton, 1840

Zeuxo normani (Richardson, 1905)

Order Isopoda Latreille, 1817

Suborder Anthuridae Monod, 1922

Family Anthuridae Leach, 1814

No records but expected

Suborder Flabellifera

Family Aegidae White, 1850

- Genus *Aega* Leach, 1815
 - Aega plebia* Hansen, 1897
 - Aega symmetrica* Richardson, 1905
- Genus *Rocinela* Leach, 1815
 - Rocinela angustata* Richardson, 1904
 - Rocinela belliceps* (Stimpson, 1864)
 - Rocinela propodialis* Richardson, 1905
- Family Anuropidae Stebbing, 1893
 - Genus *Anuropus* Beddard, 1886
 - Anuropus bathypelagicus* Menzies and Dow, 1958
- Family Cirolanidae Dana, 1852
 - Genus *Cirolana* Leach, 1818
 - Cirolana harfordi* (Lockington, 1877)
 - Genus *Exciorolana* Richardson, 1912
 - Exciorolana chiltoni* (Richardson, 1905)
- Family Cymothoidae Leach, 1814
 - Genus *Elthusa* Bruce, 1990
 - Elthusa californica* (Schioedte and Meinert, 1884)
- Family Limnoriidae White, 1850
 - Genus *Limnoria* Leach, 1814
 - Limnoria lignorum* (Rathke, 1799)
- Family Sphaeromatidae Latreille, 1825
 - Genus *Dynamene* Leach, 1814
 - Dynamene tuberculosa* Richardson, 1899
 - Genus *Dynamenella* Hansen, 1905
 - Dynamenella sheareri* (Hatch, 1947)
 - Genus *Exosphaeroma* Stebbing, 1900
 - Exosphaeroma amplicauda* (Stimpson, 1857)
 - Genus *Gnorimosphaeroma* Menzies, 1954
 - Gnorimosphaeroma insulare* (Van name, 1940)
 - Gnorimosphaeroma oregonense* (Dana, 1853)
 - Genus *Paracerceis* Hansen, 1905
 - Paracerceis cordata* (Richardson, 1899)
- Suborder Gnathiidea Hansen, 1916
 - Family Gnathiidae Harger, 1880
 - Genus *Gnathia* Dollfus, 1901
 - Gnathia tridens* Menzies and Barnard, 1959
- Suborder Asellota Latreille, 1802
 - Family Asellidae Latreille, 1802
 - Genus *Caecidotea* Packard, 1871
 - Caecidotea tomalensis* (Harford, 1877)
- Family Janiridae Sars, 1897
 - Genus *Ianiropsis* Sars, 1897
 - Ianiropsis analoga* Menzies, 1952
 - Ianiropsis derjugini* (Gurjanova, 1933)
 - Ianiropsis kincaidi* (Richardson, 1904)

- Ianiropsis tridens* Menzies, 1952
- Genus *Janiralata* Menzies, 1951
 - Janiralata occidentalis* (Walker, 1898)
 - Janiralata solasteri* (Hatch, 1947)
- Family Munnidae Sars, 1897
 - Genus *Munna* Krøyer, 1839
 - Munna stephensi* Gurjanova, 1933
- Suborder Valvifera Sars, 1882
 - Family Chaetiliidae Dana, 1853
 - Genus *Saduria* Adams, 1852
 - Saduria entomon* (Linnaeus, 1767)
 - Family Idoteidae Samouelle, 1819
 - Genus *Edotia* Guerin-Meneville, 1844
 - Edotia sublittoralis* Menzies and Barnard, 1959
 - Genus *Idotea* (*Idotea*) Fabricius, 1799
 - Idotea* (*Idotea*) *aleutica* Guarjanova, 1933
 - Idotea* (*Idotea*) *fewkesi* Richardson, 1905
 - Idotea* (*Idotea*) *obscura* Rafi, 1972
 - Idotea* (*Idotea*) *rufescens* Fee, 1926
 - Idotea* (*Idotea*) *urotoma* Stimpson, 1864
 - Genus *Idotea* (*Pentidotea*) Richardson, 1905
 - Idotea* (*Pentidotea*) *montereyensis* (Maloney, 1933)
 - Idotea* (*Pentidotea*) *recta* Rafi and Laubitz, 1990
 - Idotea* (*Pentidotea*) *resecata* Stimpson, 1857
 - Idotea* (*Pentidotea*) *schmitti* (Menzies, 1950)
 - Idotea* (*Pentidotea*) *stenops* Benedict, 1898
 - Idotea* (*Pentidotea*) *wosnesenskii* Brandt, 1851
 - Genus *Synidotea* Harger, 1878
 - Synidotea angulata* Benedict, 1897
 - Synidotea consolidata* (Stimpson, 1856)
 - Synidotea cornuta* Rafi and Laubitz, 1990
 - Synidotea minuta* Rafi and Laubitz, 1990
 - Synidotea nebulosa* Benedict, 1897
 - Synidotea nodulosa* (Krøyer, 1846)
 - Synidotea pettiboneae* Hatch, 1947
 - Synidotea ritteri* Richardson, 1904
- Suborder Epicaridea Latreille, 1831
 - Family Bopyridae Rafinesque-Schmaltz, 1815
 - Genus *Argeia* Dana, 1852
 - Argeia pugettensis* Dana, 1853
 - Genus *Bopyroides* Stimpson, 1864
 - Bopyroides hippolytes* (Krøyer, 1838)
 - Genus *Hemiarthrus* Giard and Bonnier, 1887
 - Hemiarthrus abdominalis* (Krøyer, 1840)
 - Genus *Ione* Latreille, 1817
 - Ione cornuta* Bate, 1864

- Genus *Munidion* Hansen, 1897
 - Munidion parvum* Richardson, 1904
- Genus *Phyllodurus* Stimpson, 1857
 - Phyllodurus abdominalis* Stimpson, 1857
- Genus *Pseudione* Kossmann, 1881
 - Pseudione galacanthae* Hansen, 1897
 - Pseudione giardi* Calman, 1898
- Family Cryptoniscidae Kossmann, 1880
 - Genus *Hemioniscus* Buchholz, 1866
 - Hemioniscus balani* Buchholz, 1866
 - Genus *Liriopsis* Schultze in Mueller, 1864
 - Liriopsis pygmaea* (Rathke, 1843)
- Family Dajidae Sars, 1850
 - Genus *Arthropryxus* Richardson, 1908
 - Genus *Holophryxus* Richardson, 1905
 - Holophryxus alaskensis* Richardson, 1905
 - Genus *Prophryxus* Richardson, 1909
- Suborder Oniscidea Latreille, 1802
 - Family Alloniscidae Schmidt, 2003
 - Genus *Alloniscus* Dana, 1854
 - Alloniscus perconvexus* Dana, 1854
 - Family Armadillidiidae Brandt, 1831
 - Genus *Armadillidium* Brandt, 1833
 - Armadillidium vulgare* (Latreille, 1804)
 - Family Halophilosciidae Verhoeff, 1908
 - Genus *Littorophiloscia* Hatch, 1947
 - Littorophiloscia richardsonae* (Holmes and Gay, 1909)
 - Family Ligiidae Brandt and Ratzeburg, 1831
 - Genus *Ligia* Fabricius, 1798
 - Ligia occidentalis* Dana, 1853
 - Ligia pallasii* Brandt, 1833
 - Genus *Ligidium* Brandt, 1833
 - Ligidium gracile* (Dana, 1856)
 - Family Porcellionidae Brandt, 1831
 - Genus *Porcellio* Latreille, 1804
 - Porcellio scaber* Latreille, 1804
 - Family Scyphacidae Dana, 1852
 - Genus *Armadilloniscus* Uljanin, 1875
 - Armadilloniscus holmesi* Arcangeli, 1933
 - Genus *Detonella* Lohmander, 1927
 - Detonella papillicornis* Richardson, 1904

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