

## Freshwater Calanoida of British Columbia (June 03, 2014)

compiled by Ian Gardiner

This list is based primarily on Sandercock & Scudder (1996), and also on the additional references below.

Taxonomy is in accordance with the World of Copepods Taxonomic Database (Calanoida) available at

<http://www.marinespecies.org/copepoda/aphia.php?p=taxdetails&id=1100>

A number of other species (including *Arctodiaptomus arapahoensis*, *Hesperodiaptomus shoshone*, *Leptodiaptomus cuauhtemoci*, *Leptodiaptomus judayi*, *Osphranticum labronectum*) are represented as occurring in British Columbia in several lists and keys. It is quite likely that some of these do indeed occur in British Columbia, but I have been unable to substantiate this by reference to unambiguous museum collections or unambiguous collections reported in peer-reviewed journals (ambiguity typically occurring in older collections taken at a time when some modern-day species were conflated with each other).

Family AETIDEIDAE Giesbrecht, 1892

Genus *Senecella* Juday, 1923  
*Senecella calanoides* Juday, 1923

Family DIAPTOMIDAE Baird, 1850

Genus *Acanthodiaptomus* Kiefer, 1932  
*Acanthodiaptomus denticornis* (Wierzejski, 1887)

Genus *Aglaodiaptomus* Light, 1938  
*Aglaodiaptomus forbesi* Light, 1938  
*Aglaodiaptomus leptopus* (Forbes S.A., 1882)

Genus *Hesperodiaptomus* Light, 1938  
*Hesperodiaptomus arcticus* (Marsh, 1920)  
*Hesperodiaptomus caducus* Light, 1938  
*Hesperodiaptomus eiseni* (Lilljeborg, 1889)  
*Hesperodiaptomus franciscanus* (Lilljeborg, 1889)  
*Hesperodiaptomus hirsutus* Wilson M.S., 1953  
*Hesperodiaptomus kenai* Wilson M.S., 1953  
*Hesperodiaptomus kiseri* (Kincaid, 1953)  
*Hesperodiaptomus nevadensis* Light, 1938  
*Hesperodiaptomus novemdecimus* Wilson M.S., 1953

Genus *Leptodiaptomus* Light, 1938  
*Leptodiaptomus angustilobus* (Sars G.O., 1915)  
*Leptodiaptomus ashlandi* (Marsh, 1893)  
*Leptodiaptomus connexus* Light, 1938  
*Leptodiaptomus insularis* (Kincaid, 1956)  
*Leptodiaptomus minutus* (Lilljeborg, 1889)

*Leptodiaptomus novamexicanus* (Herrick, 1895)  
*Leptodiaptomus nudus* (Lilljeborg, 1889)  
*Leptodiaptomus sicilis* (Forbes S.A., 1882)  
*Leptodiaptomus siciloides* (Lilljeborg, 1889)  
*Leptodiaptomus signicauda* (Lilljeborg, 1889)  
*Leptodiaptomus tyrrelli* (Poppe, 1888)

Genus *Onychodiaptomus* Light, 1939  
*Onychodiaptomus hesperus* Wilson M.S. & Light, 1951  
*Onychodiaptomus sanguineus* (Forbes S.A., 1876)

Genus *Skistodiaptomus* Light, 1939  
*Skistodiaptomus oregonensis* (Lilljeborg, 1889)  
*Skistodiaptomus pallidus* (Herrick, 1879)

Family TEMORIDAE Giesbrecht, 1893

Genus *Epischura* Forbes S.A., 1882  
*Epischura nevadensis* Lilljeborg, 1889

Genus *Eurytemora* Giesbrecht, 1893  
*Eurytemora affinis* (Poppe, 1880)

Genus *Hetercope* Sars G.O., 1863  
*Hetercope septentrionalis* Juday & Muttkowski, 1915

## References

Chengalath, R. & C. Shih 1994. Littoral freshwater copepods of northwestern North America: Northern British Columbia. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* 25: 2421-2431.

Sandercock, G.A. & G.G.E. Scudder 1996. *Key to the Species of Freshwater Calanoid Copepods of British Columbia*. Resources Inventory Committee, Province of British Columbia: vi + 51.

The above document (with older taxonomy) is available as part of a 1994 unpublished work on BC calanoid copepods by the same authors at  
[http://www.for.gov.bc.ca/hts/risc/o\\_docs/aquatic/calanoid/assets/final.pdf](http://www.for.gov.bc.ca/hts/risc/o_docs/aquatic/calanoid/assets/final.pdf)

Shih, C. & R. Chengalath 1994. Freshwater littoral copepods of British Columbia and Alberta (Canada). *Hydrobiologia* 292/293: 379-388.