

Zooplankton Identification Guide

Prepared by Emi Yamaguchi & Caitlin Bell (2007)



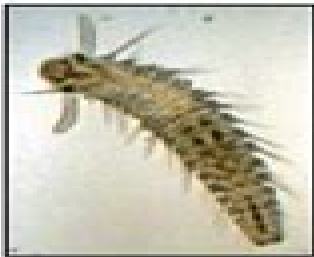
adult copepod

Copepods are the most common zooplankton worldwide. They are an integral part of the food web as both predator and prey.



copepod nauplius

The nauplius is a common early larval stage of crustaceans. Some nauplii have spines while others do not.



polychaete worm larvae

These organisms are the marine relative of earthworms. The larvae are found in the plankton. The adult form, seen in the invertebrate lab, is benthic.



barnacle nauplius

Barnacle nauplii are distinguished from crab larvae by the "spikes" on their heads. This stage comes before the cypris stage.



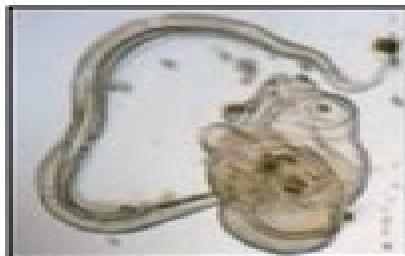
cypris larva

The cypris is the final larval stage of a barnacle. It must find a suitable attachment site to become an adult.



adult *Oikopleura* sp.

This organism is actually an adult tunicate that retains its notochord and tail. The tail beats back and forth rapidly to create a current that brings food near the mouth.



tunicate (sea squirt) larva

This "tadpole" is an early life stage of a tunicate. Tunicates are related to humans because they have a notochord, although it disappears as the larva matures. Sea squirts, found in the invertebrate lab, are adult tunicates.

Freshwater Zooplankton Identification Guide

Robert R. Redfield



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