

Series Eumalacostraca

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Sub-class 8. Malacostraca

enturion Large sized, Marine and freshwater crustaceans.

Shaping Lives... Body distinctly segmented, usually with a head made of 5 somites, a thorax of 8 somites and an abdomen of 6 somites

Carapace may be present, vestigial or absent.

Exoskeleton of head united with few or more thoracic segments to form cephalothoracic carapace.

Appendages typically 19 pairs, 13 cephalothoracic 6 abdominal

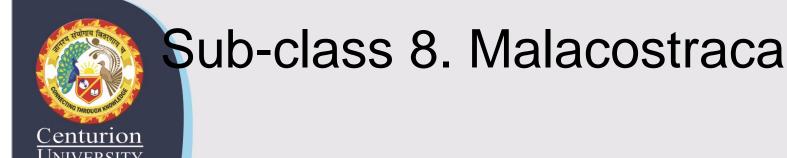
Compound eyes; paired; stalked or sessile.

Antennules often biramous.

Abdominal caudal style absent; terminates in a telson.

Female gonopore on 6th thoracic segment, male on 8th.

Young hatching out of the egg is zoea, rarely a nauplius.



crustaceans and hence classification of this class is described in detail.

This sub-class includes 2 series,

4 divisions and a large number of orders.

Series 1- Leptostraca

Series 2- Eumalacostraca



Series 1. Leptostraca

Marine crustaceans; highly primitive with 21 body segments.

Body made up of 21 segments, abdomen of 7 segments.

Thoracic appendages similar and foliaceous; eyes stalked

Telson has a pair of caudal styles or furcal rami.

Eg. Nebalia





Series 2. Eumalacostraca

Marine, freshwater or terrestrial

Centurion
UNIVERSITY malacostracans with 20 body segments.

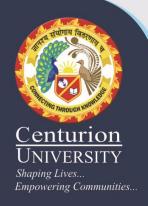
Shaping Lives...
Empowering Communities...

Abdomen of 6 or fewer somites.

Thoracic appendages typically leg-like.

Telson without caudal styles.

Eyes sessile or stalked



Super-order 1. Syncarida

Super-order 2. Peracarida

Super-order 3. Hoplocarida

Super-order 4. Eucarida



Sland lives a ce absent.

This super order consist two orders.

Order 1. Anaspidacea

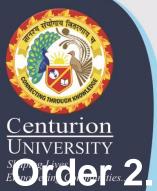
First thoracic segment fused with head.

Eyes stalked, sessile or absent.

Pleopods uniramous or biramous.

Eg. Anaspides, Koonunga





Bathynellacea

First thoracic segment, not fused with head.

Eyes absent.

Pleopods reduced or absent.

Telson fused with the 6th abdominal segment.

Eg. Bathynella



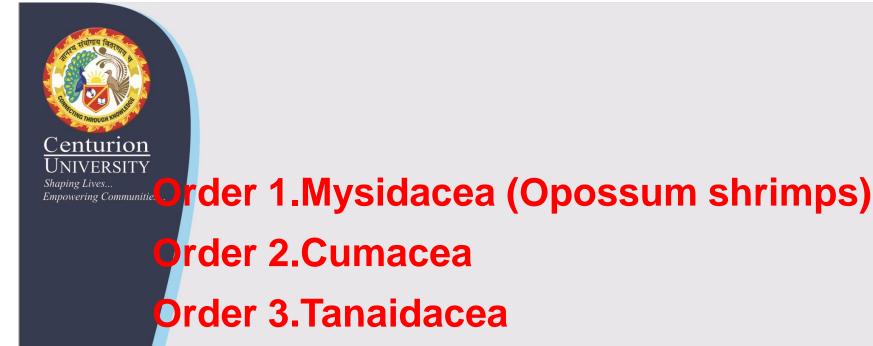


Super-order 2. Peracarida

segments uncovered.

Female has a thoracic brood pouch or marsupium.

In this super order consist five orders



Order 4. Isopoda (Pill bugs, Wood lice)

Order 5. Amphipoda (Sand hoppers)

Order 1.Mysidacea (Opossum shrimps)

Mostly marine, some freshwater.

Body elongated, carapace covering most of thorax.

Anterior 2 pairs of thoracic appendages form maxillipedes

Uropods form tail-fan.

Eg. Mysis, Gnathophausia



