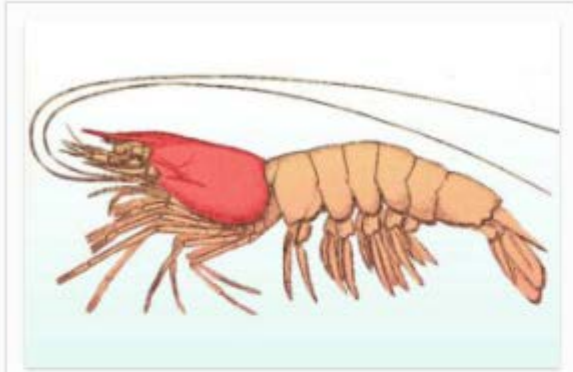
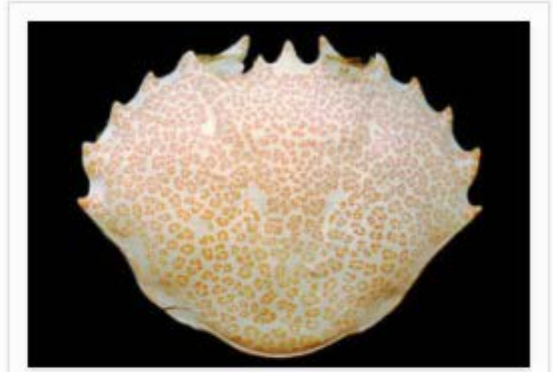


IV. Sub-phylum: Crustacea, General Characters:



Carapace of Penaeus (red)
Wikipedia



Carapace of Crab (Source
Wikipedia)

- Ø Usually marine aquatic arthropods
- Ø Head and thorax fused to form cephalothorax
- Ø Cephalothorax usually covered by single large carapace
- Ø Two pair of antennae (only arthropod with two pairs of antennae)
- Ø 5 pairs of cephalic appendages
- Ø Cephalic appendages: first pair antennules, second pair antennae, third pair mandibles, fourth pair first maxillae and fifth pair second maxillae
- Ø Thoracic and abdominal appendages are biramous
- Ø First pair of antennae (antennules) are uniramous
- Ø Respiration through gills
- Ø Excretion by green glands or antennal glands
- Ø Sense organs: antennae, statocysts and eyes
- Ø Eyes are compound
- Ø Paired gonopores