

Homoplasy And Homology In Arthropods

By Paul Nethercott

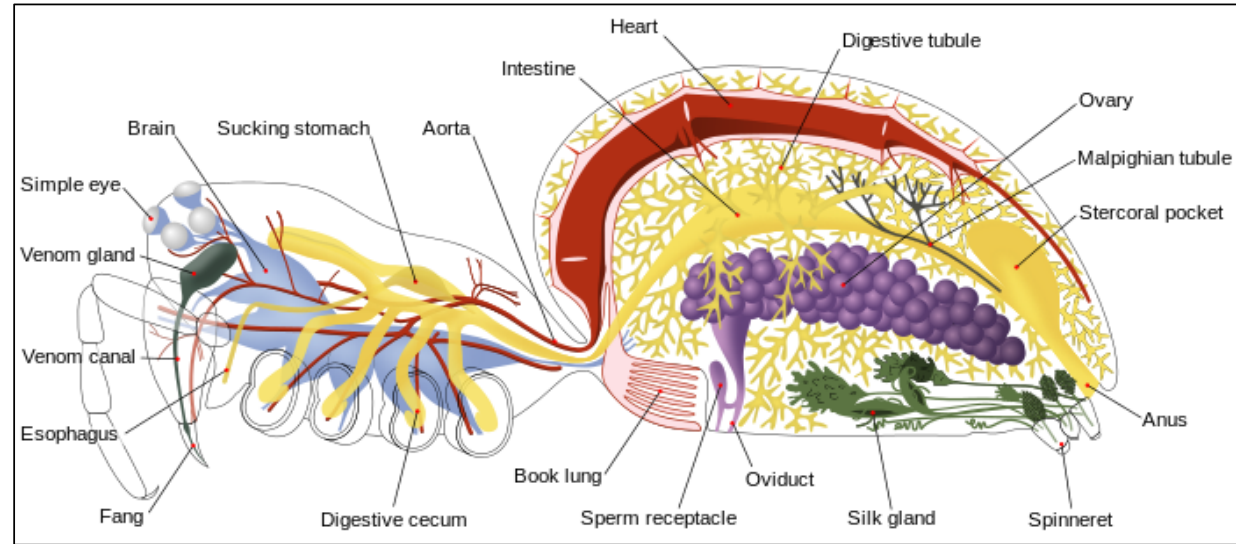
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www.creation.com

The Assassin Spider



A Normal Spider Anatomy

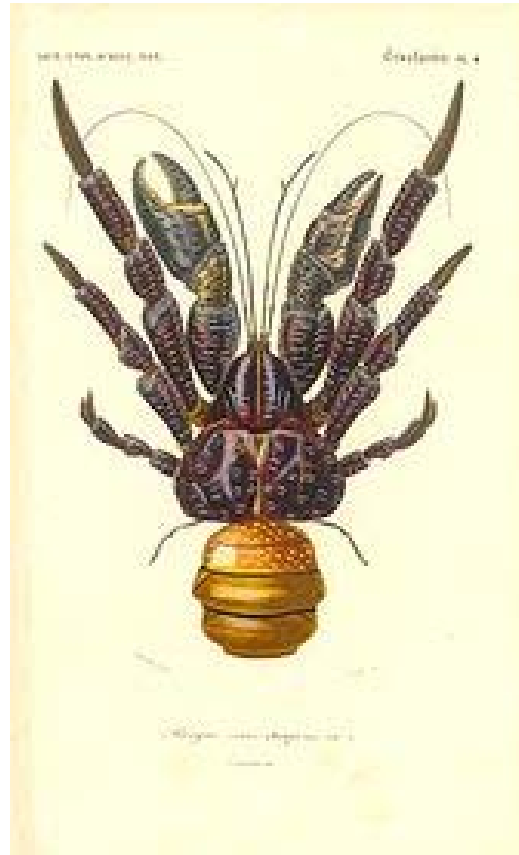


A Normal Spider

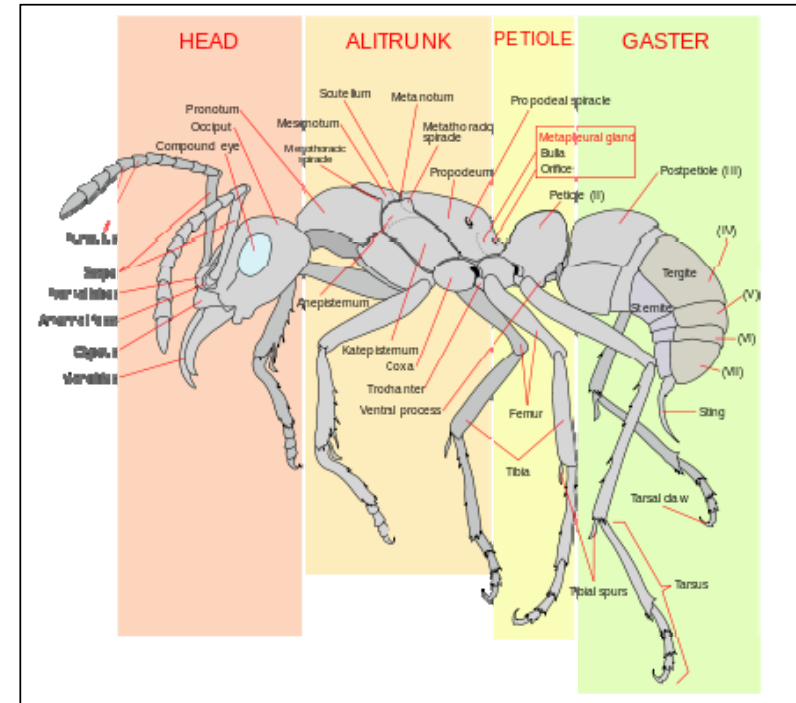


<http://www.wikipedia.org>

The Coconut Crab



Insect Anatomy



The smelling organs of the terrestrial [coconut crab](#) are similar to those of insects.



Silk: Spiders, silk moths, larval caddis flies, and the weaver ant all produce silken threads.

Spiders



Moths



Caddis Flies



Weaver Ants



The [praying mantis](#) body type – raptorial forelimb, prehensile neck, and extraordinary snatching speed - has evolved not only in mantid insects but also independently in [neuropteran](#) insects [Mantispidae](#).

The [Praying Mantis](#)



The [Mantispidae](#)



Agriculture: Some kinds of ants, termites, and ambrosia beetles have for a long time cultivated and tend fungi for food

Termites



Ambrosia Beetles



Ants



Gripping limb ends have evolved separately in [scorpions](#) and in some [decapod](#) crustaceans, like [lobsters](#) and [crabs](#).

Scorpions



Lobsters

