

## DIVISION III.

## ARTICULATA.

1st Class. Annelides, or Vermes. *Etym.* *Annellus*, a little ring; *vermis*, a worm.

Leech; sea-mouse; earth-worm; sand-worm; tubicolæ, (tubus, a tube, colo, to inhabit); worms which cover themselves, by means of a slimy secretion that exudes from their surfaces, with a case of small shells and pebbles, like the caddis-worm, or with sand and mud.

2nd Class. Crustacea. Animals which have a shelly crust, covering their bodies.

The crabs; shrimps; lobsters.

3rd Class. Arachnida. *Etym.* *αραχνης*, *arachnes*, a spider.

Spiders; *aranea scenica*, or *saltica*, the leaping spider; the scorpion spider; the mite.

4th Class. Insecta. They are divided into insects which are without wings and those which have them: and these are further subdivided according to the peculiarities of the wings.

*Aptera* (*α, α*, without; *πτερον*, *pteron*, a wing). Centipede (having a hundred feet); louse; flea.

*Coleoptera* (*κολεος*, *coleos*, a sheath or scabbard, *πτερον*, a wing), insects which have their wings protected by a cover, as the beetle, corn-weevil. *Orthoptera* (*ορθος*, *orthos*, straight, *πτερον*), as the locust, grass-hopper. *Hemiptera* (*ημισυ*, *hemisu*, half, *πτερον*), insects which have one half of their wings thick and coriaceous, and the other membranous; such as a bug, tick, fire-fly. *Neuroptera* (*νευρον*, *neuron*, a nerve, *πτερον*), dragon-fly; ant-lion; ephemera. *Hymenoptera* (*υμεν*, *hymen*, a membrane, *πτερον*), the bee; wasp; ant. *Lepidoptera* (*λεπις*, *lepis*, a scale, *πτερον*), moth; butter-fly. *Rhipiptera* (*ριπις*, *ripis*, a fan, *πτερον*), xenos; stylops. *Diptera* (*δισ*, *dis*, double, *πτερον*), house-fly; gnat.