

**Stem V. MOLLUSCS**, with **CLASSES**: *BRYOZOANS*, *BRACHIOPODS* (pp. 182, 193, 234), *LAMELLIBRANCHS* (pp. 234, 193), *GASTEROPODS* (pp. 195, 234), *CEPHALOPODS* (p. 187).

**Stem VI. ARTHROPODS**, with **CLASSES**: *CRUSTACEANS*, including **ORDERS**: *TRILOBITES* (p. 191), and *MEROSTOMES* (p. 239); *ARACHNIDS* (p. 178), *MYRIAPODS* (p. 178) and *INSECTS*.

**Stem VII. VERTEBRATES.**

**CLASS I. FISHES**, with **ORDERS**: *TELEOSTEANS* common bony **Fishes**; *GANOIDS* (p. 236), *PLACODERMS* (pp. 183, 236), *ELASMOBRANCHS*, including **Sharks and Rays**.

**CLASS II. AMPHIBIANS** (p. 176), with **ORDERS**: *URODELES*, **Sal- amanders**; *BATRACHIANS*, **Frogs and Toads**; *LABYRINTHODONTS* (pp. 177, 247).

**CLASS III. REPTILES** (p. 260), with **ORDERS**: *CHELONIANS*, **Tur- tles**; *PLESIOSAURS* (p. 251), **LIZARDS**; *PYTHONOMORPHS*, **Sea Serpents**; *SERPENTS*; *ICHTHYOSAURS* (p. 251), *CROCODILIANS* (p. 248); *PTEROSAURS* (p. 257); *DEINOSAURS* (pp. 247, 251).

**CLASS IV. BIRDS**, with **Sub-Classes**: *Toothed Birds* (p. 261); *Running Birds* (p. 262); and *Flying Birds* (p. 262).

**CLASS V. MAMMALS**, with **Sub-Classes**: *Ornithodelphs*; *Di- delphs* (p. 252); and *Monodelphs*, including **ORDERS**: *EDEN- TATES* (p. 285); *SIRENIANS*, **Manatee**; *CETACEANS*, **Whales, Dolphins, Zeuglodon** (p. 165); *HYRACCIDS*; *PROBOSCIDIAN* (p. 156); *AMBLYPODA*, embracing *Dinoceras* (p. 256), *Uinta- therium* (p. 257), *Coryphodon* (p. 256); *CLINODACTYLA*, in- cluding **Rhinoceros** (p. 257), **Tapir** (p. 257), *Brontotherium* (p. 257), **Horse** (pp. 256 263); *Hippopotamus*, *Oreodon* (p. 257); **Camel, Sheep, Ox**; *TILLODONT*, *Tillotherium* (p. 256); *CARNIVORES*, including **Pinnipeds, Seals, Planti- grades** (p. 255), **Digitigrades** (pp. 255, 257); *RODENTS*, *CHEIROPTERS*, *INSECTIVORES*, **Moles**; *QUADRUMANES*, with suborders: **Lemurs, Tailed Monkeys, Anthropoids**; *BI- MANES*, **Man**.