

I. SYNOPTICAL VIEW

OF THE

Classification of Plants and Animals.

I. PLANTS.

Series I. Cryptogams.

Stem I. THALLOPHYTES. CLASSES: ALGÆ, FUNGI, LICHENS.

Stem II. BRYOPHYTES. ORDERS: LIVERWORTS, MOSSES.

Stem III. PTERIDOPHYTES. CLASSES: FERNS; CALAMARIANS, including Horsetails and Calamites; LYCOPODIACEANS, including Lycopodids (p. 245), Lepidodendrids (pp. 174, 245), and Sigillarids (pp. 174, 245).

Series II. Phanerogams.

Stem IV. GYMNASPERMS, seeds not inclosed. Including the ORDERS: CYCADS (p. 246), and CONIFERS.

Stem V. ANGIOSPERMS, seeds inclosed. Including the CLASSES: MONOCOTYLEDONS or Endogens and DICOTYLEDONS or Exogens.

II. ANIMALS.

Stem I. PROTOZOANS, including the ORDERS: FORAMINIFERS, to which belong *Globigerina* (pp. 59, 168), and *Eozoon* (p. 199); LOBOSA which includes *Amœba* (p. 200).

Stem II. CŒLENTERATES, including the CLASSES: SPONGES, ANTHOZOANS, including all true coral-animals (p. 181).

Stem III. ECHINODERMS, with the CLASS CRINOIDS containing the ORDERS: EUCRINOIDS (pp. 193, 234, 242), CYSTOIDS (p. 190), and BLASTOIDS.

Stem IV. WORMS, including *Scolithus*.