

Such are, no doubt, his classes of Molluscoids and those of Worms, besides the Myriapods and Arachnids. Respecting the Fishes, I refer to my remarks in the first section (p. 187) of this Chapter.

CLASSIFICATION OF MILNE-EDWARDS.

The following diagram is drawn from the author's *Cours élémentaire d'Histoire naturelle*, Paris, 1855, 1 vol. 12mo., 7th edit., in which he has presented the results of his latest investigations upon the classification of the Vertebrata and Articulata; the minor subdivisions of the Worms, Mollusks, and Zoophytes, however, are not considered in this work.<sup>1</sup>

I. OSTEOZOA, or VERTEBRATA.

Subbranch. *Allantoidians*.

CL. Mammalia. 1°. Monodelphya. *a.* Propria. *Ord.* Bimana, Quadrumana, Cheiroptera, Insectivora, Rodentia, Edentata, Carnivora, Amphibia, Pachydermata, Ruminantia. *b.* Pisciformia. *Ord.* Cetacea. 2°. Didelphya. *Ord.* Marsupialia, Monotremata.

CL. Birds. *Ord.* Rapaces, Passeres, Scansores, Gallinae, Grallæ, and Palmipedes.

CL. Reptiles. *Ord.* Chelonin, Sauria, Ophidia.

Subbranch. *Anallantoidians*.

CL. Batrachians. *Ord.* Anura, Urodela, Perennibranchia, Cæciliæ.

CL. Fishes. 1°. Ossei. *Ord.* Acanthopterygii, Abdominales, Subbranchii, Apodes, Lophobranchii, and Plectognathi. 2°. Chondropterygii. *Ord.* Sturiones, Selachii, and Cyclostomi.

II. ENTOMOZOA, or ANNELLATA.

Subbranch. *Arthropoda*.

CL. Insecta. *Ord.* Coleoptera, Orthoptera, Neuroptera, Hymenoptera, Lepidoptera, Hemiptera, Diptera, Rhipiptera, Anoplura, and Thysanura.

CL. Myriapoda. *Ord.* Chilognatha and Chilopoda.

CL. Arachnids. *Ord.* Pulmonaria and Trachearia.

CL. Crustacea. 1°. Podophthalma. *Ord.* Decapoda and Stomopoda. 2°. Edriophthalma. *Ord.* Amphipoda, Læmodipoda, and Isopoda. 3°. Branchiopoda. *Ord.* Ostrapoda, Phyllopoda, and Trilobitæ. 4°. Entomostraca. *Ord.* Copepoda, Cludocera, Siphonostoma, Lernæida, Cirripedia. 5°. Xiphosura.

Subbranch. *Vermes*.

CL. Annelids.

CL. Helminths.

CL. Turbellaria.

CL. Cestoiden.

CL. Rotatoria.

III. MALACOOZOA, or MOLLUSCA.

Subbranch. *Mollusks proper*.

CL. Cephalopods.

CL. Pteropods.

CL. Gasteropods.

CL. Acephala.

Subbranch. *Molluscoids*.

CL. Tunicata.

CL. Bryozoa.

IV. ZOOPHYTES.

Subbranch. *Radiaria, or Radiata*.

CL. Echinoderms.

CL. Aculephs.

CL. Corallaria, or Polypi.

Subbranch. *Sarcodaria*.

CL. Infusoria.

CL. Spongiaria.

<sup>1</sup> Consult, for these, his recent papers upon Polyps, Mollusks, and Crustacea, in the *Ann. des Sc. Nat.*