

CLASSIFICATION OF DE BLAINVILLE.¹

1. *Sub-Kingdom. Artiomorpha or Artiozoaria.* Form bilateral.

First Type: OSTEOZOARIA. (Vertebrata.)

Sub-Type: *Vivipara.*

CL. 1. Pilifera, or Mammifera. 1st. Monadelphya. 2d. Didelphya.

Sub-Type: *Ovipara.*

CL. 2. Pennifera, or Aves.

CL. 3. Squamifera, or Reptilia.

CL. 4. Nudipellifera, or Amphibia.

CL. 5. Pinnifera, or Pisces.

Anosteozoaria.

Second Type: ENTOMOZOARIA. (Articulata.)

CL. 6. Hexapoda. (Insecta proprie sic dicta.)

CL. 7. Octopoda. (Arachnida.)

CL. 8. Decapoda. (Crustacea, Decapoda, and Limulus.)

CL. 9. Heteropoda. (Squilla, Entomostraca, and Epizoa.)

CL. 10. Tetradecapoda. (Amphipoda and Isopoda.)

CL. 11. Myriapoda.

CL. 12. Chætopoda. (Annelides.)

CL. 13. Apoda. (Hirudo, Cestoides, Ascaris.)

Third Type: MALENTOZOARIA.

CL. 14. Nematopoda. (Cirripedia.)

CL. 15. Polyplaxiphora. (Cliton.)

Fourth Type: MALACOZOARIA. (Mollusca.)

CL. 16. Cephalophora. Dioica, (Cephalopoda and Gasteropoda, p. p.) Hermaphrodita and Monoica (Gasteropoda reliqua.)

CL. 17. Acaphalophora. Pallibranchia (Brachiopoda), Lamellibranchia (Acephala), Heterobranchia (Ascidia.)

2. *Sub-Kingdom. Actinomorpha or Actinozoaria.* Form radiate.

CL. 18. Annelidaria, or Gastrophysaria (Sipunculus, etc.)

CL. 19. Ceratodermaria. (Echinodermata.)

CL. 20. Arachnodermaria. (Acalephæ.)

CL. 21. Zoantharia. (Actinia.)

CL. 22. Polyparia. (Polypi tentaculis simplicibus), (Anthozoa and Bryozoa.)

CL. 23. Zoophytaria. (Polypi tentaculis compositis), (Halcyonoides.)

3. *Sub-Kingdom. Heteromorpha or Heterozoaria.* Form irregular.

CL. 24. Spongiaria. (Spongia.)

CL. 25. Monadaria. (Infusoria.)

CL. 26. Dendrolitharia. (Corallina.)

The classification of de Blainville resembles those of Lamarck and Cuvier much more than a diagram of the three would lead us to suppose. The first of these systems is founded upon the idea that the animal kingdom forms one gradated

¹ De l'Organisation des Animaux, Paris, 1822, 1 vol. 8vo.