

DESCRIPTION OF GENERA AND SPECIES.

Class **CRUSTACEA.**

Subclass **MALACOSTRACA.**

Thoracipoda, H. Woodward.

Order **EDRIOPHTHALMA**, Leach, 1815.

Tetradécapodes, de Blainville, 1816.

Arthrostraca, Burmeister, 1837.

Choristopoda, Dana, 1846.

Suborder **AMPHIPODA**, Latreille, 1816.¹

Tribe I. **AMPHIPODA GAMMARINA.**

Head not coalesced with the first segment of the peræon.

Peræon of seven distinct segments, very rarely reduced to six (*Dulichia*) by the coalescence of the last two.

Pleon of six distinct segments bearing appendages, and the telson; rarely with two (*Atylus*), or with three (*Goplana*), of the segments coalesced, or with only five distinct segments and five pairs of appendages (*Dulichidæ*); the telson (probably) never absent.²

Eyes generally two, sometimes four (*Ampelisca*) or none (*Byblis abyssi*, Sars, &c.), seldom very large or projecting much above the surface of the head; generally with many component ocelli, sometimes simple (*Ampeliscidæ*).

Antennæ, two pairs; the proportions not constant; the upper often having a secondary flagellum, well-developed or rudimentary, but very rarely (*Gammarus sarmatus*, Dybowski) of great length.

Maxillipeds generally with two pairs of plates, neither pair coalesced, and a four-jointed palp; the palp rarely with only three joints (*Normania*), or only two (*Lafystius*).

¹ For definitions, see Glossary, and Notes on Latreille, 1816 (p. 95), 1817 (p. 95), 1829 (p. 137); Burmeister, 1837 (p. 170); Milne-Edwards, 1840 (p. 184); Dana, 1852 (p. 256); Claus, 1880 (p. 508), 1884 (p. 553); Gerstaecker, 1886 (p. 579).

² But see, in Bibliography, Notes on *Iceridium*, Grube, 1864 (p. 348), *Ichthyomyzocus*, Hesse, 1873 (p. 417, and in Appendix), the *Orchestidæ*, Zaddach, 1878 (p. 485).