

Diastylis stygia, G. O. Sars; female,(Anatomy—*continued.*)

- Fig. 1. Right maxilliped, together with the corresponding part of the branchial apparatus, seen from above.
- Fig. 2. Left maxilliped, isolated, seen from below; more highly magnified.
- Fig. 3. Terminal joint of same; strongly magnified.
- Fig. 4. Part of inner edge of carpal joint of same maxilliped, with four of the marginal spines; highly magnified.
- Fig. 5. Gnathopod of first pair, together with the fully developed basal lamella.
- Fig. 6. Gnathopod of second pair.
- Fig. 7. Leg of first pair.
- Fig. 8. Leg of second pair.
- Fig. 9. Leg of third pair, together with the corresponding incubatory lamella.
- Fig. 10. Leg of fourth pair.
- Fig. 11. Leg of fifth pair.
- Fig. 12. Extremity of tail, together with telson and uropoda, seen from above.
- Fig. 13. Anterior part of ventral nervous cord, comprising three partly confluent ganglia, innervating the oral parts.
- Figs. 14–17. Embryo, taken from the marsupial pouch of an adult female specimen, and still included within the inner egg-membrane, represented in four different aspects; from the right side (fig. 14), from the anterior extremity (fig. 15), from above (fig. 16), and from below (fig. 17); magnified about forty-three diameters. O, ocular plates; α^1 , antennula; α^2 , antenna; L, anterior lip; l , posterior lip; M, mandible; m^1 , maxilla of first pair; m^2 , maxilla of second pair; mp , maxilliped; gn^1 , gnathopod of first pair; gn^2 , gnathopod of second pair; p^1 – p^4 , legs of first to fourth pairs; T, tail; C, carapace; λ , liver; Z (fig. 14), anterior lip.