

peræon answering to the side-plate. Fig. 2 is stated to be the head of the female, ten times the natural size, with the mandible. Since, however, the mandible has a three-jointed palp, the specimen was no doubt a male, although, to judge by the anterior antennæ, a young one. In both specimens the mandibular palp is figured as perfectly straight, not with the two short terminal joints forming a sickle-like curve, the curvature probably being developed only at a more advanced period of life than that which either of these specimens had attained.

*Rhabdosoma brevicaudatum*, n. sp. (Pl. CCVIII.).

*Rostrum* broken, the remaining portion with the neck and ocular region a quarter of an inch long, the neck being by itself one-tenth of an inch; in front of the mouth organs there is a strongly projecting tooth or process on the ventral surface at the base of the head; the peræon about three-twentieths of an inch in length, with the dorsal outline convex, the first segment short, the second longer than the first, but shorter than any of the following, the seventh not much shorter than any of the four preceding segments; the first three segments of the pleon together as long as the peræon, the postero-lateral angles of the first acute, but not produced backwards, those of the second very slightly produced, those of the third very acute and much produced backwards, the lower margin of the third segment being much more convex than that of the two preceding segments; the remainder of the pleon to the end of the telson equal in length to the first three segments, but to the end of the uropods measuring a quarter of an inch; the fourth segment about half the length of the following double-segment.

*Upper Antennæ* placed in the ventral groove of the head just in front of the oval ocular region; the first joint of the peduncle considerably longer than the second; the one-jointed flagellum longer than the peduncle, the distal margin carrying a few filaments.

*Lower Antennæ* wanting.

*Mouth Organs* not well observed; the *Maxillipeds* appear to have the outer plates apically pointed; the *Mandibles* without palp.

*First Gnathopods* very short; the first joint with sinuous front and convex hind margin; the second joint broader than long; the third joint a little longer than the second, distally widened; the wrist large, widest where it joins the hand, the hind process longer than the proximal part of the joint, and longer than the hand, ending in a sharp apical tooth, a little way above which a piece of the hind margin is finely denticulate, the inner or front margin of the process being similarly denticulate; the hand has a very convex front margin, the hind margin beyond the neck being slightly convex and distally a little denticulate, the distal margin finely pectinate and supplying