

DESCRIPTIONS OF GENERA AND SPECIES.

Order STOMATOPODA.

Family SQUILLIDÆ.

Genus *Squilla*, Fabricius.

Diagnosis.—Stomatopoda with the sixth abdominal somite separated from the telson by a movable joint; the hind body depressed and wide; the dactyle of the raptorial claw without a basal enlargement, but with a series of spines, which are not usually more than six in number, on its inner edge; more than four secondary spines between the intermediate and submedian spines of the telson, which is usually longer than wide; inner spines of ventral prolongation from basal joint of uropod longer than the outer. Larva an *Alima* with the ocular and antennular somites not covered by the carapace; the lateral edges of the carapace not reflected, but usually bordered by small spines or serrations; the inner spine of the ventral prolongation from the basal joint of the uropod longer than the outer, and the telson with more than four secondary spines between the intermediate and submedian spines.

Remarks.—I have had an opportunity to study the first abdominal appendage of the male in only a few species of *Squilla*, but this organ has well defined common characteristics in all these species, and we may probably add to the diagnostic characteristics given above, the statement that the inner lobe of the terminal joint of the first abdominal appendage of the adult male is longer than the outer, and separated from it by a suture.

While recognising the very close relationship between the genus *Chlorida* (Eydoux and Souleyet) and the genus *Squilla*, Miers thinks that the former genus is a natural one, which should be retained under the modified name *Chloridella*¹ to include the Stomatopoda which have the dactyle of the raptorial claw armed with marginal teeth and without a basal enlargement; the carapace and hind body without longitudinal carinæ; the eyes dilated in the middle and contracted at the tip; the rostrum short; the carapace small and short, and the appendages of the thoracic limbs strap-shaped,

¹ Miers, On the Squillidæ, p. 13.