

Genus *Paralamprops*, n. gen.

*Generic Characters.*—Anterior division of body well defined from posterior. Carapace large and sculptured with denticulated crests, dorsal surface vaulted, sides somewhat expanded; pseudorostral projection very slight, subrostral notches obsolete. Ocular lobe very small, eye wanting. Exposed part of trunk composed of five well-defined segments with laterally projecting epimera. Tail very slender. Antennulæ unusually large, with both flagella elongate and multiarticulate. Antennæ in female five-articulate, with two strong ciliated setæ on the middle joint. First pair of maxillæ without any trace of palp. Second pair of gnathopoda very slender, basal joint not expanded at the end. The two anterior pairs of legs in female with well-developed natatory exopodites, third and fourth pairs with a small biarticulate appendage at the base. Three pairs of pleopoda present in male. Telson narrow, with the edges spinulose. Uropoda slender, inner branch longer than outer.

*Remarks.*—This new genus is chiefly distinguished by the large vaulted carapace, sculptured with serrate crests, the total want of the eye, the strong development of the antennulæ, and the absence of the usual palp on the first pair of maxillæ, in which latter respect it differs from all hitherto known Cumacea. In the other anatomical details, it would seem to agree most closely with the genus *Hemilamprops*, though in some particulars also exhibiting a certain affinity to the genus *Platyaspis*. Only a single species of this genus is represented in the collection.

5. *Paralamprops serrato-costata*, n. sp. (Pl. II. figs. 6–13; Pl. III.).

*Specific Characters.*—Form of body very slender. Carapace much larger than exposed part of trunk, sculptured by seven longitudinal serrate keels, one median running along the anterior half, two subdorsal on each side, occupying the posterior, somewhat gibbous part of the dorsal surface, and two lateral encircling the carapace at the sides and meeting in front. Pseudorostral projection short and somewhat upturned. The three anterior exposed segments of the trunk somewhat gibbous in the dorsal part and armed with small denticles, epimera produced anteriorly as an acute angle. Tail extremely slender and much longer than anterior division of body. Antennulæ with the peduncle densely setose; flagella almost as long as peduncle, inner triarticulate, outer six-articulate. Penultimate joint of antennæ in female with outer edge denticulate. First pair of legs about as long as anterior division of body, the three outer joints very slender, penultimate the longest; second pair nearly as long as first, antepenultimate joint strongly spinose at inner edge. Telson shorter than scape of uropoda, slightly dilated at base, outer part sublinear, with about nine pairs of lateral denticles, the last one much larger than the rest, apex with three strong spines of equal size. Uropoda