

provided with well-developed natatory exopodites. Five pairs of pleopoda present in male, as in the Cumidæ. Uropoda with both branches biarticulate. Telson wanting.

*Genera.*

1 *Vaunthompsonia*, Sp. Bate.

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2. *Leptocuma*, G. O. Sars.

3. LAMPROPIDÆ.

Integuments thin, squamous. Form of body generally very slender; tail in both sexes cylindrical, without any epimeral plates. Eye present or wanting. Antennulæ with both flagella well developed and nearly equal. Antennæ in male with flagellum composed of numerous short articulations. Mandibles well developed. Epipodite of maxillipeds comparatively short, with but few, digitiform gill-lobules; terminal plate of exopodite only slightly indurated. Second pair of gnathopoda rather slender, pedi-form. The two anterior pairs or only the first pair of legs in female, and all but the last in male, with well-developed natatory exopodites. Only three pairs of pleopoda present in male, or all wanting as in female. Uropoda with the branches very slender, inner tri-articulate, outer biarticulate. Telson distinctly defined, more or less laminar, with three or more terminal spines.

*Genera.*

1. *Lamprops*, G. O. Sars.

2. *Hemilamprops*, G. O. Sars.

3. *Paralamprops*, n. gen.

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4. *Platyaspis*, G. O. Sars.

5. *Chalarostylis*, Norman.

4. LEUCONIDÆ.

Integuments very thin and pellucid, smooth. Form of body generally slender, with tail very elongate and mobile, not sharply defined from trunk. Eye always quite wanting. Antennulæ with one of the flagella small, uniarticulate. Antennæ in male with flagellum composed of numerous short articulations. Mandibles rather small, with the body exerted into two angular processes; anterior branch short, wanting the usual series of lateral spines, molar tubercle very massive. Palp of first pair of maxillæ with a single terminal bristle. Epipodite of maxillipeds comparatively small, with but few digitiform gill-lobules; terminal plate of exopodite membranous, exerted into a narrow flap. Second pair of gnathopoda rather short, with some of the bristles issuing from the outer edge very strongly developed. The three anterior pairs of legs in female, and all but the last in male, with well-developed natatory exopodites. Second pair of legs only