

Macrocaeloma, Miers.

Macrocaeloma, Miers, Journ. Linn. Soc. Lond. (Zool.), vol. xiv. p. 665, 1879.
Pericera (part) *auctorum*.

The carapace is rather convex, usually broadest at the branchial regions, with the orbits tubular and laterally projecting; the interorbital space broad; the dorsal surface unarmed or tuberculated, or with a few long spines; the margins without a series of elongated lateral spines as in *Pericera*, but often with a strongly developed lateral epibranchial spine, preceded sometimes by some smaller spines; the præocular spine or tooth is small. The spines of the rostrum are well developed. The post-abdomen in the male is distinctly seven-jointed (in the species I have examined). The eyes are usually completely retractile within the small tubular orbits. The antennæ have the basal joint considerably enlarged and armed with a spine on the distal margin, which is usually visible in a dorsal view, and sometimes with another placed immediately beneath the first (mobile) joint; the mobile part of the antenna is sometimes concealed in a dorsal view by the rostral spines, sometimes visible at their sides; the merus of the exterior maxillipedes is distally truncated, with the antero-internal angle emarginate. The palms of the chelipedes are either somewhat elongated and compressed or shorter and more dilated; fingers with or without an intermarginal hiatus. The ambulatory legs are rather short and moderately robust; dactyli slightly curved.

The following species are referable to this genus:—

1. Lateral epibranchial spines well developed:—

Macrocaeloma trispinosa (Latreille) = *Pericera nodipes*, Desbonne and Schramm.

West Indies; Bermuda; Bahia.

Macrocaeloma diacantha (A. Milne Edwards). Majores (to 12 fathoms).

Macrocaeloma camptocera (Stimpson). Florida Straits.

Macrocaeloma heptacantha (Bell). Central America, Puerto Portrero.

Macrocaeloma septemspinosa (Stimpson). West of the Tortugas (to 36 fathoms); Bahia.

Macrocaeloma villosa (Bell) = *Pericera fossata*, Stimpson. California, Cape St. Lucas; Ecuador, Gulf of Guyaquil.

Macrocaeloma subparallela (Stimps.) = *Pericera vilpini*, Desbonne and Schramm. St. Thomas; Guadaloupe.

Macrocaeloma diplacantha (Stimpson). St. Thomas.

Macrocaeloma trigona (Dana). Fiji Islands.

Macrocaeloma concava, n. sp. Bahia; Fernando Noronha (7 to 20 fathoms).