

Genus 47a. *Halistemma*,¹ Huxley, 1859.*Halistemma*, Huxley, *Oceanic Hydrozoa*, pp. 70, 129.

Definition.—Agalmidæ with a long and movable siphosome, the trunk of which is very contractile; bracts with large intervals. Cormidia loose; palpons and gonostyles on the internodes scattered between the siphons. Tentilla with a naked cnidoband and a simple terminal filament.

The genus *Halistemma* was established by Huxley in 1859 for that Mediterranean Agalmid, the first description of which Vogt had published under the name *Agalma rubrum* (6, Tab. vii.—xi.). Perhaps identical with this species (from Nice) is another Mediterranean form, which Kölliker has figured under the name *Agalmopsis punctata* (4, Tab. iv.). Succeeding observers have described many different Agalmidæ as *Halistemma*, and mainly those forms which belong to the following genus *Cupulita*. But the true *Halistemma*, according to the definition given by Huxley, differs from all allied Agalmidæ in the simple structure of the tentilla, which have the same form as in *Forskalia* (Pl. IX. fig. 7, *t*; Pl. X. fig. 23). The naked cnidoband is a simple spirally convoluted riband without involucre, and bears a simple terminal filament. In all other respects *Halistemma* seems to agree with *Cupulita*; but perhaps both genera differ also in the structure of the palpons, which in the former seem to be mouthless, in the latter provided with a terminal mouth (cyston).

Genus 47b. *Cupulita*,² Quoy and Gaimard, 1824.*Cupulita*, Quoy et Gaimard, *Voyage de l'Uranie*, &c., p. 580.

Definition.—Agalmidæ with a long and movable siphosome, the trunk of which is very contractile; bracts with large intervals. Cormidia loose; palpons and gonostyles on the internodes scattered between the siphons. Tentilla with an involucrate cnidoband and a simple terminal filament.

The genus *Cupulita* was founded in 1824 by Quoy and Gaimard for an Agalmid, which Gaudichaud had captured at Port Jackson. The description of their *Cupulita bowdichii* (19, pl: lxxxvii. figs. 14–16) is very incomplete; but the figure which they give of the nectosome is so similar to that of *Halistemma tergestinum* and some closely allied species, that we employ the older name for these latter, instead of giving a new name. *Cupulita* is in all respects very similar to the true *Halistemma* (*rubrum* or *punctatum*), but differs in the form of the tentilla; the spiral cnidoband is not naked (as in the latter), but enveloped by a campanulate involucre. Another difference is perhaps marked by the structure of the palpons, which in *Cupulita* are true excretory

¹ *Halistemma* = Marine corona, ἄλιος, στίμμα.² *Cupulita* = Beset with cupules.