

2. *Hippothoa*, Lamouroux.*Catenicella* (pars), Blainv.*Tubalipora*, sp., Jameson.*Mollia* (pars), Smitt.

*Character*.—Zoëcia calcareous, decumbent, adherent, usually distant and connected by tubular prolongations. Branches given off from the sides of a zoëcium. Orifice orbicular, sometimes produced and subtubular, with a sinus in the lower border.

(1) *Hippothoa divaricata*, Lamouroux.*Hippothoa divaricata*, Lamx., Brit. Mus. Cat., Johnst., Auctt.*Mollia hyalina*, forma *divaricata*, Smitt, Öfversigt k. Vetensk.-Akad. Förhandl., 1867.

*Character*.—Zoëcia ovate or pyriform. Surface usually striated transversely, and subcarinate in front. Orifice orbicular, with a median notch below.

*Habitat*.—Station 75, lat. 38° 38' N., long. 28° 28' W., 450 fathoms, volcanic mud. Station 135, Islands of Tristan da Cunha, 60 to 1000 fathoms, hard ground, shells and gravel.

[Cosmopolitan.]

(2) *Hippothoa flagellum*, Manzoni (Pl. XXXIII. fig. 7).

*Hippothoa flagellum*, Manz. Brioz. fossil., Ital. 4th Contrib, p. 6, pl. i. fig. 4; Suppl. alla Fauna d. Brioz. Medit.; 1st Contrib, p. 3, pl. i. fig. 5. (?); Hincks, Ann. and Mag. Nat. Hist. ser. 4, vol. xx. p. 218, 1877; Brit. Mar. Polyz., vol. i. p. 293, pl. xlv. figs. 5, 7.

*Character*.—Zoëcia ovate, smooth, not carinated, slightly elevated towards the upper end, not much produced below; connected by very slender, tubular processes; much longer than the zoëcium. Orifice sublithridiate; peristome slightly thickened. (Oëcia small, globose, smooth, borne on a partially developed cell, generally attached to the side of a normal zoëcium by a very short fibre, Hincks.)

*Habitat*.—Station 151, off Heard Island, 75 fathoms, volcanic mud (parasitic on *Myrionozoum marionense*).

[Cosmopolitan; Pliocene.]

3. *Pasythea* (pars), Lamouroux.*Cellaria* (pars), Solander.*Sertularia* (pars), Gmelin.*Liriozoa*, Lamk.*Tuliparia*, Blainv.*Epicaulidium*, Hincks.*Gemellipora* (pars), Smitt.

*Character*.—Zoëcium, in the erect portion, consisting of a central stem formed either of calcareous clavate segments or of successive pairs of zoëcia. From the sides of the