

*Emma crystallina*, Gray.*Emma crystallina*, Bk., Brit. Mus. Cat., vol. i. p. 28, pl. xl.

*Character*.—Zoœcia in pairs; one to three strong spines on the outer border of the area, of which the middle one is usually the longest and thickest.

*Habitat*.—Station 161, Port Philip, 33 fathoms, sand.

[Bass Strait, 45 fathoms, Voy. of Rattles.; New Zealand, Dieffenb.; Hooker, Hutton, Lyall; Strait of Magellan, Miss Gatty; Campbell's Island, Hooker.]

4. *Scrupocellaria*, van Beneden.*Scrupocellaria*, v. Bened., Recherches, 1844; Hincks.*Bicellaria*, sp., Blainv.*Cellularia*, sp., Pallas, Johnst., Smitt, &c.*Cellaria*, sp., Ell. and Soland., Lamk.*Scruparia*, sp., Oken.*Canda*, sp., Bk.

*Character*.—Zoœcia biserial, numerous in each internode, rhomboidal, with a sinus behind; a sessile avicularium on the upper and outer angle, and a vibraculum seated in the dorsal sinus of each zoœcium. Aperture oval or sub-rotund, with marginal spines above; with or without a fornix.

(1) *Scrupocellaria macandrei*, Busk (Pl. XI. fig. 4).*Scrupocellaria macandrei*, Bk., Brit. Mus. Cat., vol. i. p. 24, pl. xxiv. figs. 1, 2, 3.

*Character*.—Zoarium 1 to 2 inches high, branches close, short, strongly serrated. Aperture sub-orbicular; fornix sub-orbicular, with a thick short stem, covering the entire aperture below the semicircular orifice, of which the lower lip appears to be formed by the upper border of the fornix. Border of aperture wide and thick below with a granular surface. Vibracula upright. Oœcia depressed, surface entire.

*Habitat*.—St. Vincent, Cape Verde Islands, 1070 to 1150 fathoms, mud. St. Paul's Rocks, North Atlantic.

[Coast of Spain, M'Andrew.]

(2) *Scrupocellaria ciliata*, Audouin (Pl. XI. fig. 5).*Crisia ciliata*, Audouin, Egypte, Zool., pl. xii. fig. 2.*Scrupocellaria diadema*, Bk., Brit. Mus. Cat., vol. i. p. 24, pl. xxviii. figs. 1, 2, 3.

*Character*.—Zoarium, mostly in one plane, branches rather long feathered. Aperture large, oval, with a thin smooth border; several marginal spines above (often wanting). Fornix with a slender upright pedicle and very irregularly shaped blade. Vibracularia