

small, flagella capillary. Oœcia small, cucullate, perforated with one or two transverse rows of punctures. A row of small sessile avicularia in front.

*Habitat.*—Station 188, lat. 9° 59' S., long. 139° 42' E., 28 fathoms, green mud.

[Mediterranean? Savigny; Moreton Bay, Voy. of Rattles.; Cape Verde Islands, Miss Gatty.]

(3) *Scrupocellaria ornithorhynchus*, Wyv. Thoms. (sp.) (Pl. XI. fig. 6).

*Crisia ornithorhynchus*, Wyv. Thoms.

(?) *Scrupocellaria clypeata*, Haswell, Proc. Linn. Soc. New South Wales, 1880, p. 37, pl. i. fig. 6.

*Character.*—Zoarium small, branches very slender, divaricate. Zoœcia rather distant. Aperture oval, border thin and smooth; two or three slender, pointed marginal spines on the outer side and one on the inner. Fornix with a wide peduncle, the lamina lobate, rounded below and produced into a more or less pointed lobe above. Vibracularia small, flagella minute.

*Habitat.*—Off Honoruru, Sandwich Islands, 20 to 40 fathoms.

(4) *Scrupocellaria pilosa*, Audouin (sp.) (Pl. XI. fig. 7).

*Crisia pilosa*, Savigny, Egypte, pl. xii. fig. 1, Audouin, Expl. i, p. 241.

*Character.*—Zoarium about 1 inch high, tufted, rather spreading, branches slender. Zoœcia elongated. Aperture small, oval; border thin but wide at bottom, not granulated. Three or four marginal spines on the outer side and at the top, and two on the inner side. Fornix with the lamina rounded below and tongue-shaped above, longer than the aperture. Vibraculum small and upright.

*Habitat.*—Station 135A and c, off Inaccessible and Nightingale Islands, 75 and 110 fathoms.

[Mediterranean? Savigny.]

Notwithstanding the different form of the fornix in the present species, and in that figured by Savigny, the other characters, and especially the length and slenderness of the zoœcia, and the number and length of the delicate marginal spines, leave little room for doubt that the two forms are identical or very closely allied.

In this form radical tubes may sometimes, though rarely, be seen extending from one branch to another, but not directly transversely as in *Canda*.

(5) *Scrupocellaria securifera*, n. sp. (Pl. XI. fig. 2).

*Character.*—Zoarium irregularly dichotomous, rather straggling. Aperture large, margin rather thick, a strong, short, conical, oral spine on each side. Fornix hatchet-shaped, expanding towards the outer end, which becomes closely applied to or connate