

13. *Tessaradoma*, Norman.

Tessaradoma boreale (Busk) (Pl. XXIV. fig. 8).

14. *Gemellipora*, Smitt.

(a) Erect and ramose.

(1) *Gemellipora glabra*, Smitt (Pl. XXV. fig. 3).

(b) Adnate.

(2) *Gemellipora cribritheca*, n. sp. (Pl. XXXIII. fig. 5).

§ 1. Lower lip of primary orifice entire.

Primary mouth persistent, lower border entire usually straight; operculum semi-circular. Oral avicularia, when present, median, and external to the peristome.

§§ a. Erect, bilaminar.

1. *Eschara*, Pallas.

Eschara (pars), Ray, Johnst., Lamk., d'Orb., Busk, Smitt, Milne-Edw., &c.

Cellaria (pars), Reuss.

Acropora (pars), Reuss.

Lepralia (pars), Hincks, Smitt, &c.

Character.—Zoarium erect (sometimes decurrent); foliaceous or ramose compressed, bilaminar.

(1) *Eschara elegantula*, d'Orbigny (Pl. XX. fig. 6).

Eschara saccata, Bk., Ann. Nat. Hist., ser. 2, vol. xviii., p. 33, pl. 1. fig. 5, 1856; Sars. Beskr. o. n. Norske Polyzoer, p. 6, 1862.

? *Eschara elegantula*, d'Orbigny (*teste* Smitt), Palæont. Franç., p. 102; Smitt, Kritisk Förteckn., pp. 24, 154.

Character.—Zoarium (of considerable size), branched dichotomously in one plane, branches of various breadths, widening at the ends. Zoecia cylindrical or barrel-shaped, orifice terminal, horizontal (looking directly upwards) arcuate. The front of zoecium nearly entirely occupied by a large pouch-like avicularium, with a semicircular mandible, pointing forwards. Oecia immersed, convex cucullate. The entire surface smooth and shining.

Habitat.—Station 48, lat. 43° 4' N., long. 64° 5' W., 51 fathoms, rock.

[Banks of Newfoundland, d'Orbigny; Spitzbergen, Greenland, Finmark, Forell, Sars, M'Andrew.]

(2) *Eschara gracilis*, Lamarck (Pl. XXI. fig. 6).

Eschara gracilis, Lamk.; Lamx.; Blainv.; Milne-Edw.; Brit. Mus. Cat., Macgilliv., &c.

Cellaria and *Acropora coronata*, Reuss.

? *Eschara buskii*, Tenison Woods, Journ. Roy. Soc. Vict.