

SUPPLEMENT CONTAINING AN ACCOUNT OF THENEIDÆ NOT IN THE CHALLENGER COLLECTION.

Thenea muricata, Bwk. (Pl. VII. fig. 3).

- i. *Tethea muricata*, Bwk., MS.; Phil. Trans., p. 308, pl. xxv. fig. 18, 1858.
- ii. " " Bwk., MS.; Phil. Trans., pp. 782, 793, 826, pl. xxxi. figs. 14, 15, 1862.
- iii. " " Bwk., MS.; Brit. Sponges, vol. i. pp. 25, 108, figs. 35, 304, 305, 1864.
- iv. *Thenea muricata*, Gray, Proc. Zool. Soc. Lond., p. 541, 1867.
- v. *Tethea muricata*, Bowerbank, Proc. Zool. Soc. Lond., p. 131, 1868.
- vi. *Tisiphonia*, n. gen., W. Thomson, MS.; Phil. Trans., p. 712, 1869.
- vii. *Wyville-Thomsonia Wallichii*, E. P. Wright, Quart. Journ. Micr. Sci., vol. x. p. 7, pl. ii., January 1870.
- viii. *Non Stelletta agariciformis* (W. Th.), O. Schmidt, Spong. Atlant. Gebiet., p. 68, May 1870.
- ix. *Dorvillia agariciformis*, Kent, Monthly Micr. Journ., p. 293, pl. lxvi., December 1870
- x. " " Kent, Ann. and Mag. Nat. Hist., ser. 4, vol. vii. p. 37, 1871.
- xi. *Thenea Wallichii*, Traquair, Monthly Micr. Journ., vol. iv. p. 293, 1871.
- xii. " " E. P. Wright, Zool. Rec., 1870 (1872).
- xiii. *Tethea muricata*, Bwk., Proc. Zool. Soc. Lond., p. 115, pl. v. figs. 1-6, 1872.
- xiv. *Tethya agariciformis*, Kent, Ann. and Mag. Nat. Hist., ser. 4, vol. x. p. 209, 1872.
- xv. *Tisiphonia agariciformis*, W. Thomson, The Depths of the Sea, pp. 74, 167, fig. 7, 1873.
- xvi. ? *Stelletta echinoides*, O. Schmidt, Archiv f. mikrosk. Anat., vol. xiv., 1877.
- xvii. *Non Halyphysema echinoides*, Haeckel, Jenaische Zeitschr., vol. xi. p. 16, pl. ii., 1877.
- xxviii. *Tethea muricata*, Carter, Ann. and Mag. Nat. Hist., ser. 5, vol. ii. p. 174, 1878.
- xix. *Wyville-Thomsonia agariciformis*, Norman, Journ. Conch., vol. ii. p. 13, 1879.
- xx. *Tisiphonia*, Carter, Ann. and Mag. Nat. Hist., ser. 5, vol. vi. p. 140, 1880.
- xxi. *Tisiphonia agariciformis*, O. Schmidt, Spong. des Meeresbusens v. Mexico, p. 71, 1880.
- xxii. *Thenea Wallichii* and *Thenea muricata*, Sollas, Ann. and Mag. Nat. Hist., ser. 5, vol. ix. pp. 427-452, pl. xvii., 1882.
- xxiii. *Thenea muricata*, Vosmaer, Niederland. Archiv f. Zool., Suppl. Bd. i. p. 5, pl. ii. figs. 1-21, pl. iv. figs. 114, 115, 1882.
- xxiv. " " and *Thenea Wallichii*, Carter, Ann. and Mag. Nat. Hist., ser. 5, vol. xi. p. 354-362, 1883.
- xxv. " " and *Clavellomorpha minima*, n. gen. et sp.; Hansen, Norwegian North Atlant. Exped., p. 18, pl. v. figs. 2 and 6, and pl. vii. fig. 19, 1885.
- xxvi. " " Vosmaer, Sponges of the "Willem Barents" Exped., p. 4, 1885.
- xxvii. *Thenea Wallichii*, Marenzeller, Porifera, &c., from Jan Mayen, p. 6, 1886.

Characters.—These are fully given in my report on Norwegian sponges (xxii.); additional details will be found in Vosmaer's memoirs (xxiii. and xxvi.). The following may be added:—Plesiasters not numerous; collenchyme, excessively developed, granular in the immediate neighbourhood of the flagellated chambers; flagellated chambers small, about 0.035 mm. in diameter.

Distribution.—Vigten Island, Norway (Bwk.). North Atlantic Ocean; lat. 58° 23' N., long. 48° 50' W.; depth, 1913 fathoms (E. P. Wright). Kors Fjord, Norway, depth, 200 to 300 fathoms (Norman). Between Anticosti and Gaspé (Whiteaves). Arctic Ocean, from lat. 71° 52' N., long. 19° 47' E., to lat. 72° 36' N., long. 25° 58' E., depth, 87 to 185 fathoms (Vosmaer). North Sea and Arctic Ocean; lat. 61° 15' N., long.