

Halichondria panicea Johnston

For literature, synonymy, etc., *vide* Ridley and Dendy (1887) and Dendy (1905).

There are about twenty-five specimens and a number of fragments of this very common species in the collection. The form varies from encrusting or massive to digitate.

The skeleton arrangement and spiculation are typical, so no further description is necessary.

Register Numbers, Localities, etc.—XI, XVI: Station 20*g*, Port Clarence, Alaska, 2-3 fathoms, sandy mud, August 4, 1913.—XIV, 1: Station 23, lat. 70° 24' N., long. 161° 25' W., 9-10 fathoms, grey mud with pebbles, August 19, 1913.—XV, 2, 3 and XVIII, 2: Station 20*d*, Teller Alaska, July, 1913.—XVII, 1: Station 20*b-c*, Grantley harbour, Alaska, July 30, 1913. (All Canadian Arctic Expedition, F. Johansen coll.)

Phakellia variabilis (Vosmaer)

Cribrochalina variabilis VOSMAER (1882).

Cribrochalina Sluiteri VOSMAER (1882, 1885).

Reniera infundibuliformis A. HANSEN (1885).

Cribrochalina Sluiteri LEVINSSEN (1887).

Cribrochalina variabilis FRISTEDT (1887).

Placochalina Sluiteri LENDENFELD (1887).

Cribrochalina Sluiteri SWARTSCHEWSKY (1906).

Tragosia Sluiteri LUNDBECK (1909).

Tragosia Sluiteri HENTSCHEL (1916).

There are three spirit and ten dried specimens in the collection. All are funnel-shaped, resembling closely specimens described and figured by Vosmaer and Levinsen, and ranging from 25 to 130 mm. in total height. The colour in spirit is brownish grey; that of the dried specimens varies from dark brown to almost white. Texture soft and flexible.

The skeleton arrangement and spiculation are typical.

Because of the absence of trichodragmata we propose to remove this sponge from the genus *Tragosia* [*vide* Dendy (1922)], and place it in the genus *Phakellia*.

Vosmaer (1882, 1885) makes two distinct species of "*Cribrochalina*," namely *C. variabilis* and *C. Sluiteri*. We can see nothing in his description to justify this and regard *C. Sluiteri* as identical with *C. variabilis*, the latter specific name being retained as it was the first given.

Register Numbers, Localities, etc.—XIV, 2: Station 23, lat. 70° 24' N., long. 161° 25' W., 9-10 fathoms, August 19, 1913.—XXI: Station 26, beach on Spy island (Thetis islands), Alaska, September 3, 1913.—XXIV, 1, 2, 3, 4: Station 24, beach at Point Barrow sandspit, Alaska, August 22-23, 1913.—XXV: Station 28, 1, *m*, beach at Collinson point (Camden bay), Alaska, June 1914. (All Canadian Arctic Expedition, F. Johansen coll.)

Ficulina ficus (Linné) Gray

For discussion and synonymy *vide* Topsent (1900.)

There are about a dozen specimens in the collection, and a number of fragments, R.N.X., which is yellowish grey in colour and has evidently been growing free, is ovoid and flattened in one plane, measuring 30 by 27 by 14 mm.: R.N. IV, which is dull greyish brown in colour, forms an irregular mass growing round a seaweed; R.N. XII consists of two minute, sub-spherical specimens,