

Actinocyclus Ehr.**Actinocyclus curvatus** Jan.

Sch. Atlas, Pl. 57, fig. 31.

Found at Stations 23 and 43b. The form which Grunow has called *Coscinodiscus curvatus* var. *subocellatus* in his Diat. F. Jos. Land, Pl. 4, fig. 15, and which Rattray in his Rev. Actinocyclus, p. 115, makes *A. subocellatus* (Grun.) Ratt. may or may not be an *Actinocyclus*, according as its "pseudonodule" proves to be or not to be genuine; but to overthrow the specific name given by Janisch does not commend itself, seeing that the present species has an unmistakable pseudonodule and entirely lacks the distinctive border of Grunow's form.

Actinocyclus moniliformis Ralfs.

Van Heurck Syn., Pl. 124, fig. 9; W. Sm. Brit. Diat., Pl. 4, fig. 41, misnamed.
Found in only one dredging, Station 20g.

Actinoptychus Ehr.**Actinoptychus undulatus** Ehr.

Sch. Atlas, Pl. I, figs. 1-4, 6.

More or less common throughout the dredgings, markedly so in those from Stations 20b, c, g, 23. The only example of this large marine genus found.

Amphiprora Ehr.**Amphiprora kryophila** Cl.

Cl. Vega Diat., Pl. 35, fig. 11.

Found at Station 23, a single specimen.

Amphiprora obtusa Greg. (in part), see **Tropidoneis Stauroptera** (Bail.) V. H.**Amphiprora paludosa** W. Sm.

Perag. Diat. France, Pl. 38, figs. 12-15.

Scarce in three dredgings made at Stations 20b-c, 27s and 41, and the variety called *punctulata* Grun. in Cl. and Grun. Arct. Diat., Pl. 4, fig. 84 also scarce in a plankton gathering made at Dolphin and Union strait.

Amphora Ehr.**Amphora angusta** Greg. var. **ventricosa** (Greg.) Cl.

Greg. Diat. Clyde, Pl. 12, fig. 68; see Cl. Nav. Diat., II, p. 135.

This is what Cleve called *A. lanceolata* Cl. in his Diat. Spitz., Pl. 23, fig. 2. It is somewhat plentiful in dredgings made at Stations 23, 27s, 43b and 43c.

Amphora angustissima Mann. nom. nov.

Van Heurck, Belgica Exp., Pl. 5, fig. 5; Perag. Antarc. Exp. France, Pl. 2, fig. 27, both misnamed.

This is identical with the two figures given above, both from the Antarctic. Van Heurck calls it *Amphora angusta* var. *angustissima* and Peragallo *Amphora lanceolata* var. *robusta*. It is radically distinct from both these species. I have given it the earlier of the two supplementary names, which has the advantage of suggesting the slight resemblance to *A. angusta*, to which it stands nearer than to *A. lanceolata*. Several specimens were found in the dredging made at Station 43g, between Chantry island and the mainland, Bernard harbour, Oct., 1915.