

Coscinodiscus curvatus Grun.

Sch. Atlas, Pl. 57, fig. 30; Grun. Diat. F. Jos. Land, Pl. 4, figs. 9, 11-11.
At two stations, Nos. 11 and 13g.

Coscinodiscus decrescens Grun. var. **repleta** Grun.

Grun. Diat. F. Jos. Land, Pl. 3, fig. 18.

Judging from Grunow's figure this is too wide from the normal form to be a good variety. Found in dredgings at Station 23.

Coscinodiscus excentricus Ehr.

Sch. Atlas, Pl. 58, figs. 16-19, the last the type form.

Widely distributed in the Arctic, in fact cosmopolitan. Found in dredgings at Stations 43a and 43g, and a plankton haul from Station 25b-c, all in considerable abundance.

Coscinodiscus heteroporus Ehr., var. (?)

Sch. Atlas, Pl. 61, fig. 1.

A species of doubtful worth. Found in a plankton haul at Station 43f.

Coscinodiscus kryophilus Grun.

Grun. Diat. F. Jos. Land, Pl. 3, fig. 21.

In only one dredging and there infrequent, Station 29g.

Coscinodiscus Kützingii A. Sch.

Sch. Atlas, Pl. 57, figs. 17-18; Sch. Nordsee Diat., Pl. 3, fig. 35, misnamed.
Found only in dredging made at Station 43a.

Coscinodiscus limbatus (Ehr.) A. Sch.

Sch. Atlas, Pl. 65, fig. 7; Ehr. Mikro., Pl. 20, fig. 29.

There is confusion about this species. Grunow would unite it with *C. radiatus* Ehr., and De Toni puts it under *C. marginatus* Ehr. See discussion in Schmidt above. Found only at Station 29g.

Coscinodiscus lineatus Ehr.

Sch. Atlas, Pl. 59, figs. 27-30; Van Heurck Syn., Pl. 131, fig. 3. Found sparingly at Stations 43a and 43b, and the doubtful variety called *C. blandus* A. Sch. in his Atlas, Pl. 59, figs. 35-37, at Station 41. I have specimens of this diatom from the Gulf of Mexico in which one valve is like Schmidt's figures and the other exactly like *C. lineatus*.

Coscinodiscus marginatus Ehr.

Sch. Atlas, Pl. 62, figs. 1-6.

Greville's *C. robustus*, generally united with this species, proves to be a wholly different diatom, an *Endictya*. Found in dredging at Station 23, and in a plankton haul, Station 43f.

Coscinodiscus nitidus Greg.

Sch. Atlas, Pl. 58, figs. 17-19.

One broken specimen at Station 23.

Coscinodiscus nobilis Grun.

Jour. Roy. Mic. Soc., 1879, Pl. 21, fig. 1; Jan. Gaz. Exp., Pl. 6, fig. 13.

The figure by Janisch above is the only good one of this large and delicately marked diatom. Found at Station 20b-c; so far as I know not found previously north of England. The locality of the *Gazelle* specimen is not given.

Coscinodiscus Oculus-Iridis Ehr.

Sch. Atlas, Pl. 60, fig. 13.

The specimens were close to *C. pacificus* Ratt., but as Grunow suggests (Denk. Wien. Akad., 1884, p. 77) this should be classified *C. Oculus-Iridis*, var. *pacificus*. Found at Stations 23 and 29g.