

Plate 43. MARINE DIATOMS FROM THE PHILIPPINE ISLANDS

Source of Material

These slides are held in the Healey Collection at the National Institute for Water and Atmospheric Research (NIWA), Greta Point, Wellington, N.Z.

HC 2032 - Cebu, Philippines. Selected diatoms from shell washings mounted by W.A. Firth. Figs. 110-113, 116 and 118.

All other figures slide source was not noted.

Plate Forty-three:

- 110-111 *Coscinodiscus radiatus* Ehrenberg 1840. See Hasle and Sims (1986, figs. 37-38).
- 112 *Plagiodiscus martensianus* Grunow and Eulenstein in Grunow 1867. See Foged (1975, pl. 30, fig. 1) and also Desikachary (1989, pl. 672, figs. 1-11).
- 113-114 *Thalassiosira* sp. indet. Appears a good match for *T. simonsenii* in Hasle and Fryxell (1977, p. 23, pl. 7, figs. 26-28). The specimen is also similar to *T. blandus* given by Desikachary (1989, pl. 73, figs. 2-3). It might be a resting spore of a *Thalassiosira* species.
- 115 *Navicula* (*Lyrella*) *hennedyi* var. *granulata* Grunow in Schmidt et al. 1874 (No formal transfer to *Lyrella* can be found for this variety). Appears to be a good match for Hendey (1970, pl. 2, fig. 14), but the concept of this and related species requires clarification.
- 116-119 *Mastogloia bahamensis* Cleve 1893. See Hustedt (1933, fig. 963b).
- 120 *Lyrella concilians* (Cleve) Mann in Round, Crawford and Mann 1990. See Hendey (1970, pl. 6, fig. 60).
- 121 *Glyphodesmis nancoorensis* (Grunow) Kolbe 1957. See Desikachary (1989, pl. 687, figs. 1-2). The identity of this specimen is in some doubt. It is given as *Plagiogramma ceylanense* Leuduger-Fortmorel on slide HC-3755 held at NIWA, Greta Point, Wellington, New Zealand. According to Desikachary (1989, pl. 687, figs. 1-3), it is *G. nancoorensis* (Grun.) Kolbe, and his specimen (fig. 3) is identical to this specimen and another from an unknown locality (in this volume, pl. 54, fig. 28).
- 122-123 *Plagiogramma pulchellum* Greville 1859. See Desikachary (1989, pl. 687, fig. 12).

Magnifications: figs. 110-111: x500; all others: x1000

Scale Bar: scale bar is 60 microns for the figures at x500; 30 microns at x1000

