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:


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 nancoorense (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. nancoorense (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