

Plate 11. MARINE DIATOMS FROM THE BAY OF CAMPECHE

Source of Material

Material from the Bay of Campeche marine sediment (“Meerschlamme”), a strew mount by J.D. Möller, slide number HC 3226 held at the National Institute of Water and Atmospheric Research (NIWA), Greta Point, Wellington, New Zealand. Slide HC 1474 (“Campeche Bay”) prepared by M. Harrison, also held at NIWA.

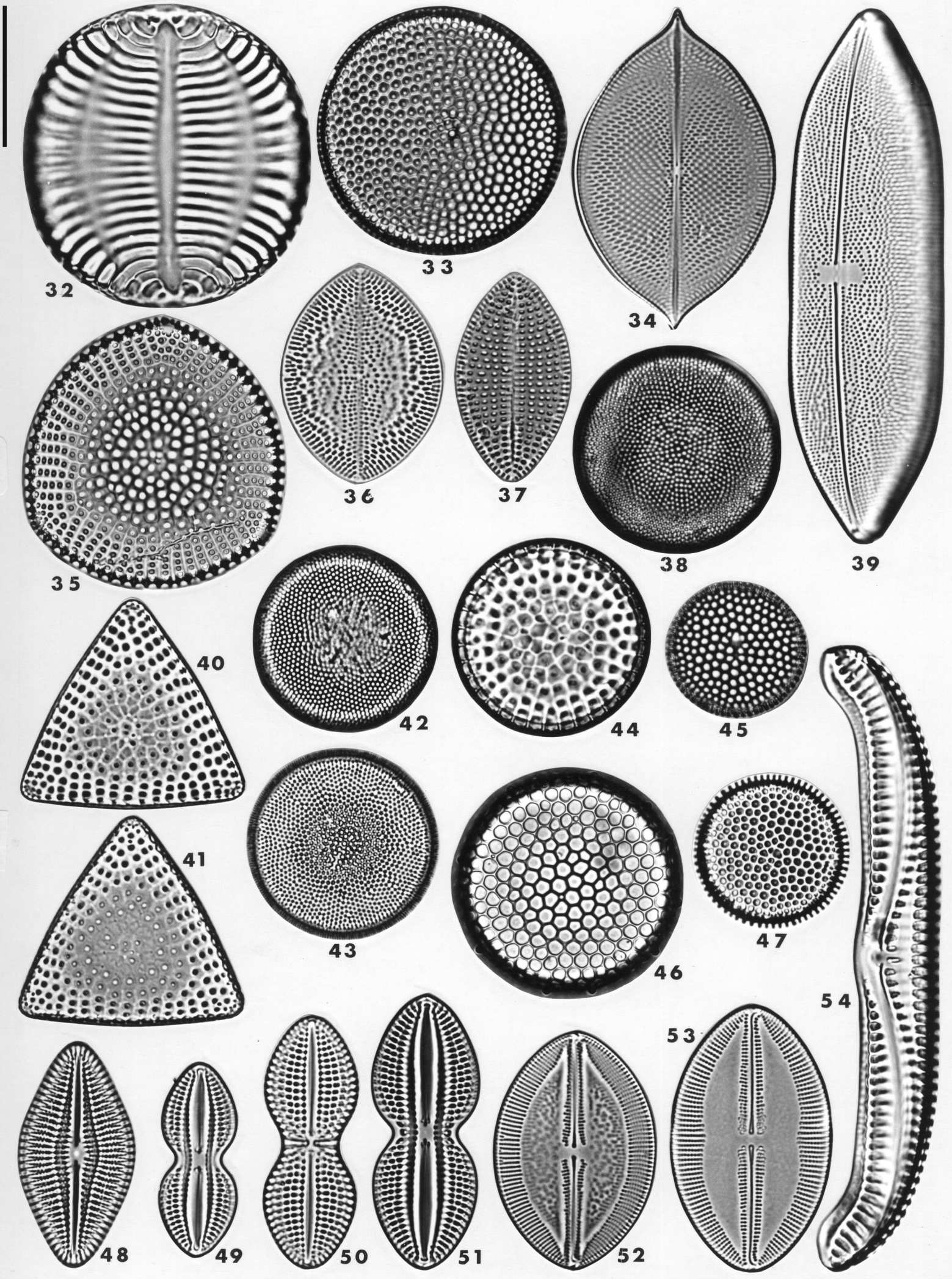
Plate Eleven:

- 32 *Campylodiscus iyengarii* Subrahmanyam 1946. See Desikachary and Prema (1987, pl. 253, fig. 1; pl. 352, fig. 4).
- 33 *Azpeitia nodulifer* (Schmidt) Fryxell and Sims in Fryxell, Sims, and Watkins 1986. See Fryxell, Sims and Watkins (1986, fig. 30 (4A)).
- 34 *Mastogloia rhombus* (Petit) Cleve and Grove, 1891. See Schmidt's Atlas (1874-1959, pl. 187, fig. 33); also Hustedt (1933, fig. 905).
- 35 *Stictodiscus harrisonianus* (Norman and Greville in Greville) Castracane 1886. See Schmidt's Atlas (1874-1959, pl. 75, fig. 16) given as *Triceratium harrisonianum*. See also Desikachary (1989, pl. 713, figs. 3-4).
- 36 *Cocconeis grata* Schmidt in Schmidt et al. 1894. See Cleve (1894-1895, pl. 2, fig. 31) and Hustedt (1933, fig. 795).
- 37 *Cocconeis distans* (?) Gregory 1857. See Schmidt's Atlas (1874-1959, pl. 193, fig. 30).
- 38 *Actinocyclus normanii* (?) (Gregory in Greville) Hustedt 1957. See Witkowski, Lange-Bertalot, and Metzeltin (2000, pl. 4, fig. 7).
- 39 *Navicula* (*Parlibellus*?) *gründleri* (Cleve and Grunow in Cleve) Cleve 1895. See Cleve (1878, pl. 7, fig. 10) given as *Alloioneis gründleri*. See Schmidt's Atlas (1874-1959, pl. 370, fig. 2). This species likely belongs in the genus *Parlibellus*, but has not yet been transferred.
- 40-41 *Stictodiscus parallelus* (Ehrenberg) Cleve-Euler 1941. See Schmidt's Atlas (1874-1959, pl. 75, fig. 12), given as *Triceratium parallelum* fo. *trigona*.
- 42-43 *Actinocyclus normanii* (?) (Gregory in Greville) Hustedt 1957. See Witkowski, Lange-Bertalot, and Metzeltin (2000, pl. 4, fig. 7).
- 44 *Stictodiscus nankoorensis* (Grunow) Pantocsek 1889. See Desikachary (1989, pl. 712, fig. 4).

- 45 *Azpeitia nodulifer* (Schmidt) Fryxell and Sims in Fryxell, Sims and Watkins 1986. See Desikachary and Prema (1987, pl. 324, fig. 6).
- 46 *Stephanopyxis campechiana* Grunow in Schmidt et al. 1881. See Schmidt's Atlas (1874-1959, pl. 65, fig. 20) and also slide HC 1855.
- 47 *Azpeitia nodulifer* (Schmidt) Fryxell and Sims in Fryxell, Sims and Watkins 1986. See Fryxell, Sims, and Watkins (1986, p. 69, figs. 3-4).
- 48 *Diploneis fusca* var. *pelagi* (Schmidt in Schmidt et al.) Cleve 1894. See Hustedt (1937, fig. 1055), and also Ricard (1977, pl. 4, fig. 2).
- 49 *Diploneis bombus* (Ehrenberg) Cleve 1894. See Schmidt's Atlas (1874-1959, pl. 69, Figs. 28-29). A very small specimen matching Hustedt (1927-1966, fig. 1086c).
- 50 *Diploneis weissflogii* (Schmidt) Cleve 1894. See Hustedt (1937, fig. 1085).
- 51 *Diploneis bombus* (Ehrenberg) Cleve 1894. See Schmidt's Atlas (1874-1959, pl. 69, figs. 28-29).
- 52 *Navicula* (*Lyrella*) *spectabilis* var. *punctata* Desikachary and Prema in Desikachary 1989 (No formal transfer to *Lyrella* can be found for this variety). See Desikachary (1989, pl. 649, fig. 3).
- 53 *Lyrella spectabilis* (Gregory) Mann in Round, Crawford and Mann 1990. See Desikachary (1989, pl. 648, fig. 9).
- 54 *Amphora crassa* Gregory 1857. See Schoeman, Archibald and Sims (1986, pl. 2, figs. 8-9).

Magnifications: figs. 32, 46: x750; fig. 35: x500; all others: x1000

Scale Bar: scale bar is 40 microns for the figures shown at x750; 60 microns at x500; 30 microns at x1000



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