

Plate 18. MARINE DIATOMS FROM THE CAPE VERDE ISLANDS

Source of Material

Material from the Cape Verde Islands, northwest coast of Sao Vicente (16°54' N; 25°02' W) on calcareous algae, Bryozoans. Depth was 35-40 meters. Sample taken with a 1.2 meter Agassiz trawl. Date: June 21st, 1982.

The above description was received with the sample from Hans van den Heuvel, Leiden on March 17th, 1988.

Plate Eighteen:

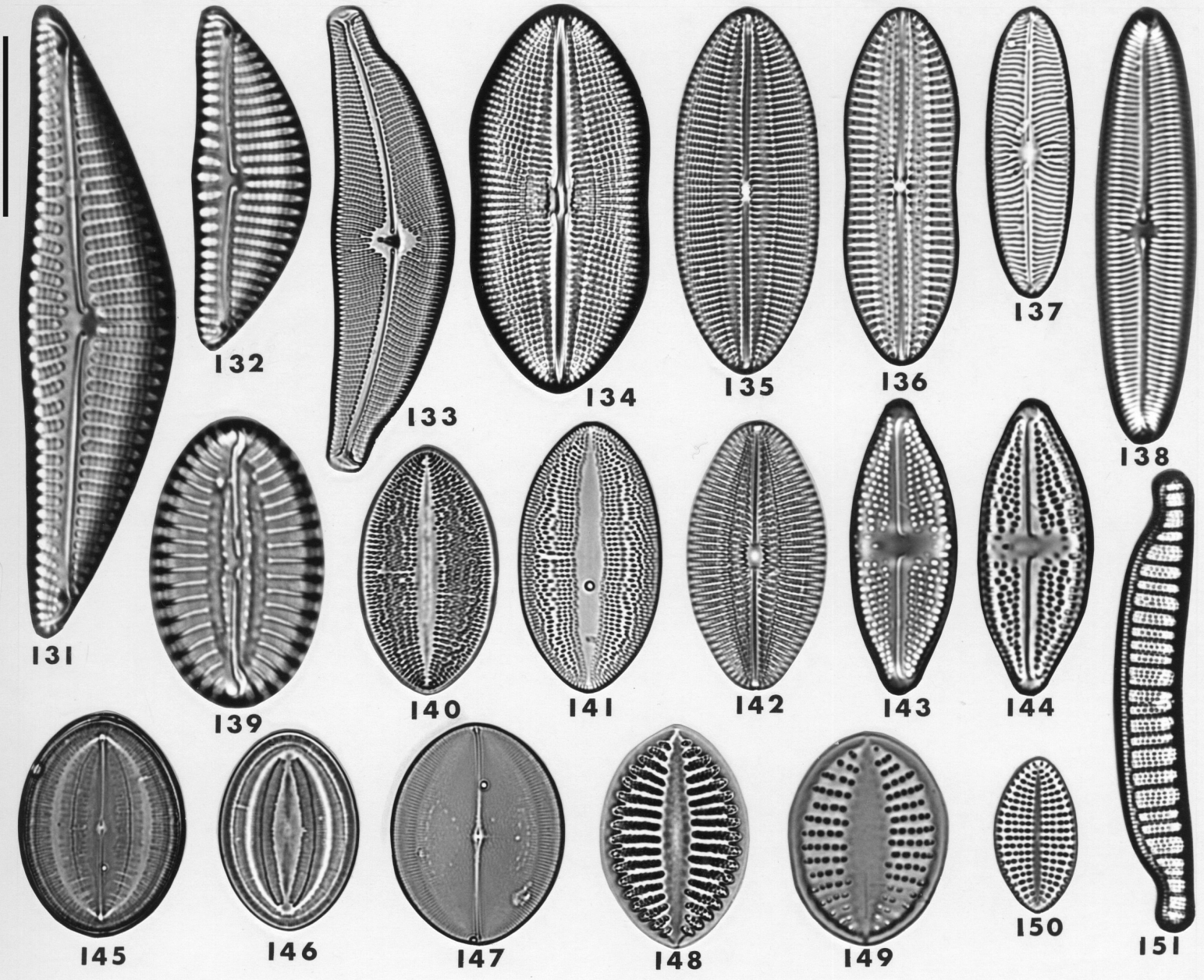
- 131 *Cymbella (Encyclonema) grossestriata* var. *obtusiuscula* Otto Müller 1905. See Schmidt's Atlas (1874-1959, pl. 373, fig. 6). *Cymbella grossestriata* has been transferred to *Encyclonema* by Round, Crawford and Mann (1990), however this variety has yet to be transferred.
- 132 *Cymbella (Encyclonema) grossestriata* var. *obtusiuscula* Otto Müller 1905. See Schmidt's Atlas (1874-1959, pl. 373, fig. 7). *Cymbella grossestriata* has been transferred to *Encyclonema* by Round, Crawford and Mann (1990), however this variety has yet to be transferred.
- 133 *Cymbella tumida* (Brébisson in Kützing) Van Heurck 1880. See Schmidt's Atlas (1874-1959, pl. 376, fig. 5)
- 134 *Diploneis fusca* (Gregory) Cleve 1894. See Schmidt's Atlas (1874-1959, pl. 7, figs. 1-4) and Hendey (1964, pl. 32, fig. 4). See also Marine Diatoms from Indonesia (in this volume, pl. 33, fig. 27)
- 135 *Diploneis graeffii* (Grunow in Schmidt et al.) Cleve 1894. See Foged (1984, pl. 43, fig. 6). Also Schmidt's Atlas (1874-1959, pl. 7, fig. 5).
- 136 *Diploneis mediterranea* (Grunow in Schmidt et al.) Cleve 1894. See Hustedt (1937, fig. 1014e).
- 137 *Navicula digitoradiata* (?) (Gregory) Ralfs in Pritchard 1861. This is a good match for Witkowski, Lange-Bertalot, and Metzeltin (2000, pl. 114, fig. 6). See also Hendey (1964, pl. 29, fig. 9).
- 138 *Navicula protracta* fo. *elliptica* (?) Hustedt 1957. Sensus Germain (1981, pl. 83, fig. 7) in reference to Hustedt (1957, p. 283), but identification is uncertain.
- 139 *Navicula nicobarica* Hustedt 1957. See Grunow (1863, pl. 14, fig. 8); Hustedt (1964, fig. 1457) and Foged (1975, pl. 20, fig. 6). Same specimen as fig. 77 (pl. 33, in this

volume), enlarged to show details.

- 140-41 *Cocconeis dirupta* Gregory 1857. See Schmidt's Atlas (1874-1959, pl. 191, fig. 55).
- 142 *Diploneis nitescens* (Gregory) Cleve 1894. Identification is uncertain.
- 143-44 *Luticola* sp indet. See Henvey (1951, pl. 10, fig. 8); also Hustedt (1966, fig. 1592a), given as *Navicula mutica*. This is the same specimen as depicted on pl. 16 (in this volume, fig. 81).
- 145 *Cocconeis pseudomarginata* Gregory 1857. See Henvey (1964, pl. 28, fig. 20).
- 146 *Cocconeis pseudomarginata* Gregory 1857. See John (1983, pl. 35, fig. 7).
- 147 *Cocconeis heteroidea* Hantzsch in Rabenhorst 1863. John (1983, pl. 34, fig. 1).
- 148 *Cocconeis pinnata* Gregory in Greville 1859. See Schmidt's Atlas (1874-1959, pl. 190, fig. 4) and Foged (1975, pl. 11, fig. 16).
- 149 *Cocconeis grunowii* Pantocsek 1889. See Schmidt's Atlas (1874-1959, pl. 194, fig. 20).
- 150 *Cocconeis distans* Gregory 1855. See Schmidt's Atlas (1874-1959, pl. 193, figs. 29-30)
- 151 *Epithemia zebra* var. *porcellus* (Kützing) Grunow 1862. See Schmidt's Atlas (1874-1959, pl. 252, fig. 16). See also Foged (1980, pl. 38, fig. 17).

Magnifications: figs. 131-132, 138-139, 143-144: x2000; all others: x1000

Scale Bar: scale bar is 30 microns for figures shown at x1000; 15 microns at x2000



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