

**Plate 34. MARINE DIATOMS FROM ALBANY, KING GEORGE SOUND,
AUSTRALIA**

Source of Material

Slide No. 164, cat. No. 61 and Slide No. 165, cat. No. 62
from the Morris Watt Collection, Otago Museum, New Zealand.

Slide HC 1007 from the Healey Collection, NIWA, Wellington, N.Z.

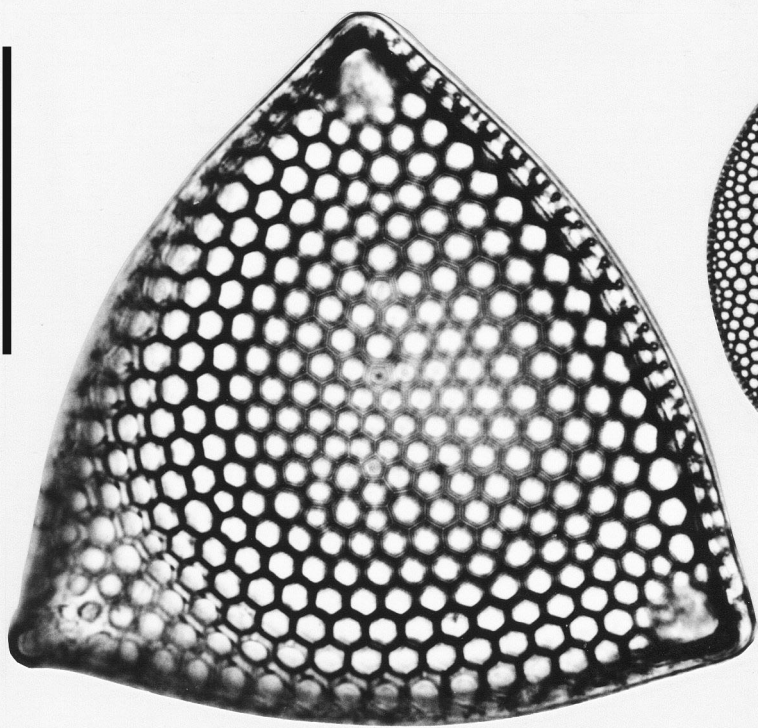
Plate Thirty-four:

- 1 *Triceratium robertsonianum* Greville 1863. See Desikachary (1989, pl. 784, fig. 3) of a specimen from King George Sound.
- 2 *Coscinodiscus radiatus* Ehrenberg 1840. See Hendey (1964, pl. 22, fig. 7).
- 3-4 *Mastogloia fimbriata* (Brightwell) Cleve 1895. See Foged (1975, pl. 14, figs. 1-2); also Stephens and Gibson (1979, figs. 25-32, LM and SEM).
- 5-6 *Mastogloia horvathiana* Grunow 1860 . See Foged (1975, pl. 13, figs. 6-7). Matches illustration in Witkowski, Lange-Bertalot, and Metzeltin (2000, pl. 85, fig. 1).
- 7-8 *Mastogloia fimbriata* (Brightwell) Cleve 1895. See Hendey (1970, pl. 1, fig. 11).
- 9-10 *Campyloneis grevillei* (W. Smith) Grunow and Eulenstein in Grunow 1867. See John (1983, pl. 32, fig. 12).
- 11 *Amphora spectabilis* Gregory 1857. Schoeman and Archibald (1987, pl. 5, fig. 18).
- 12 *Grammatophora serpentina* (Ralfs) Ehrenberg 1844. See W. Smith (1856, pl. 42, fig. 315).
- 13 *Grammatophora marina* (Lyngbye) Kützing 1844. See Foged (1985, pl. 3, fig. 9). Matches illustration in Witkowski, Lange-Bertalot, and Metzeltin (2000, pl. 85, fig. 1).
- 14 *Nitzschia spectabilis* (?) (Ehrenberg) Ralfs in Pritchard 1861. See Smith (1853, pl. 14, fig. 116). Provisional identification although the specimen agrees well with Smith's (1853) original figure of a specimen from a brackish habitat.
- 15 *Nitzschia* sp. indet.
- 16 *Triceratium pentacrinus* Hassall 1845. See Desikachary (1989, pl. 786, fig. 1) of a specimen from King George Sound.
- 17 *Diploneis crabro* var. *limitanea* (Schmidt in Schmidt et al.) Cleve 1894. See Schmidt's Atlas (1874-1959, pl. 11, fig. 23), identified as *Navicula limitanea*.

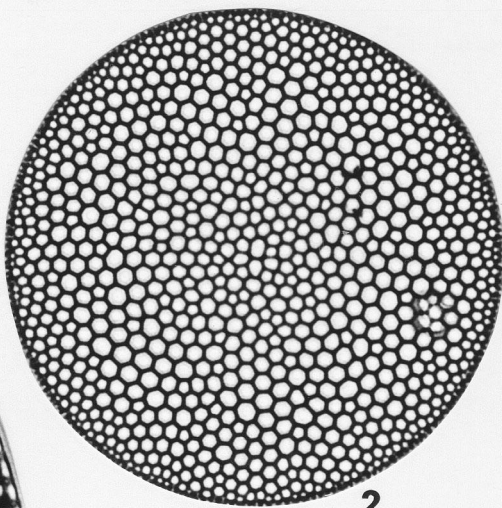
- 18 *Diploneis chersonensis* (Grunow in Schmidt et al.) Cleve in Schmidt et al. 1892.
See Schmidt's Atlas (1874-1959, pl. 12, fig. 25) given as *Navicula apis*;
also Schmidt's Atlas (1874-1959, pl. 174, fig. 14) as *Navicula chersonensis*.
- 19 *Amphora complexa* Gregory 1857. See Gregory (1857, p. 51, pl. 5, fig. 91).
- 20 *Triceratium pentacrinus* fo. *quadrata* Forti in Tempère and Peragallo 1909.
See Desikachary (1989, pl. 787, fig. 3).

Magnifications: all figures x750

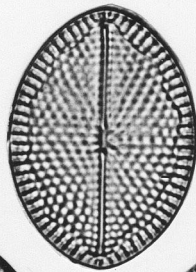
Scale Bar: scale bar is 40 microns for the figures shown at x750



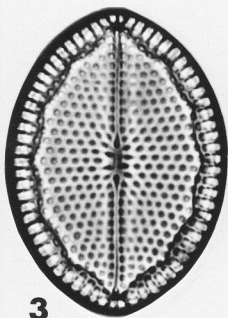
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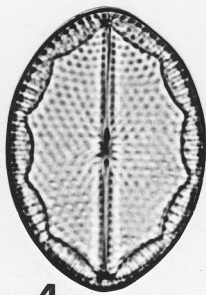
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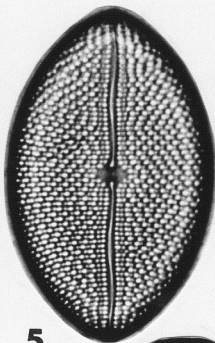
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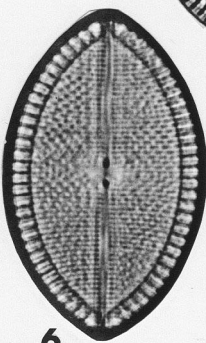
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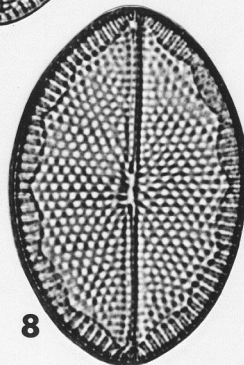
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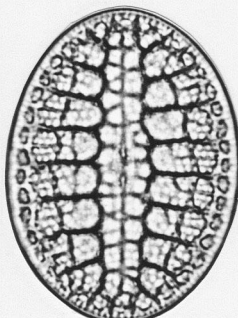
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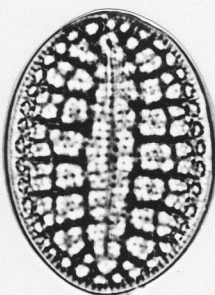
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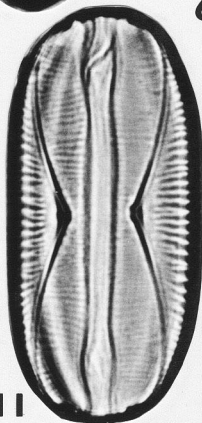
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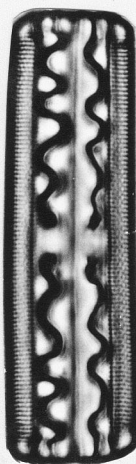
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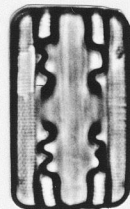
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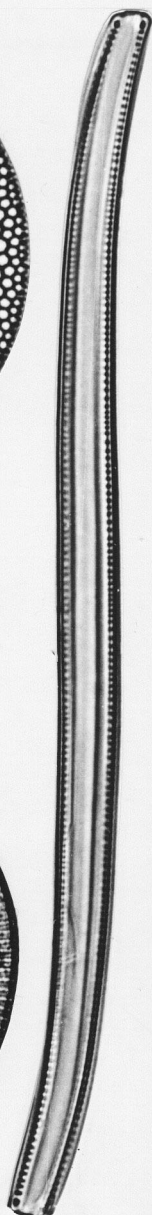
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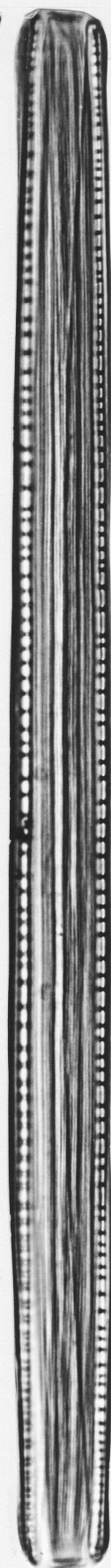
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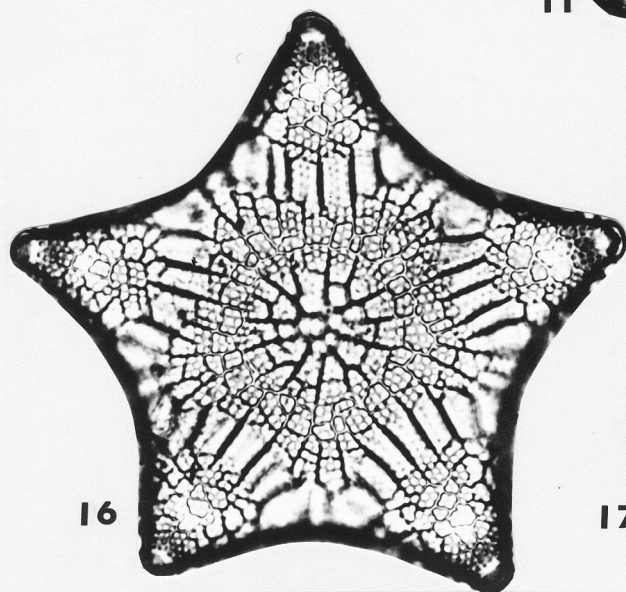
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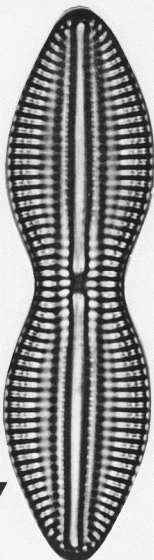
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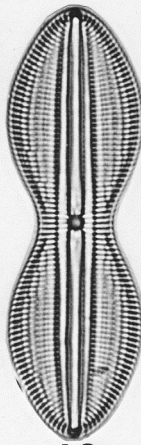
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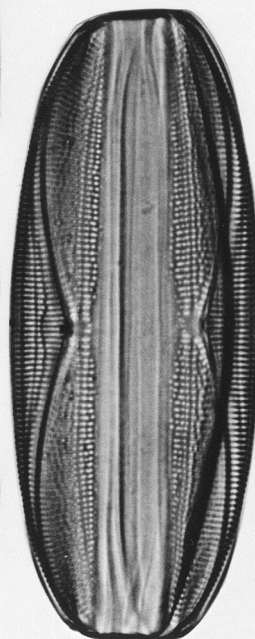
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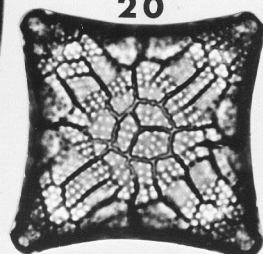
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