

Plate 16. MARINE DIATOMS FROM THE CAPE VERDE ISLANDS

Source of Material

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

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

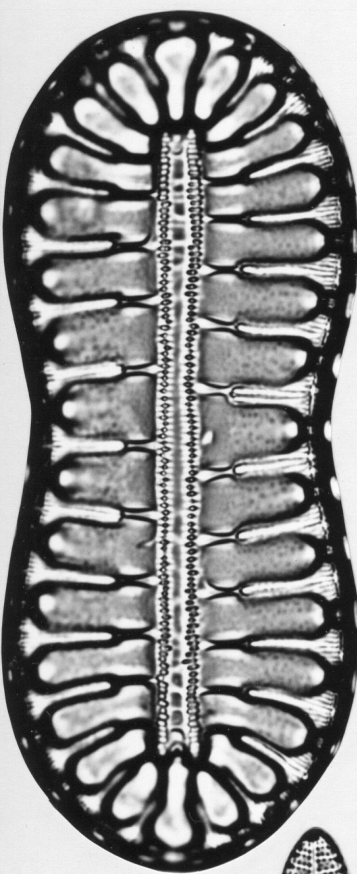
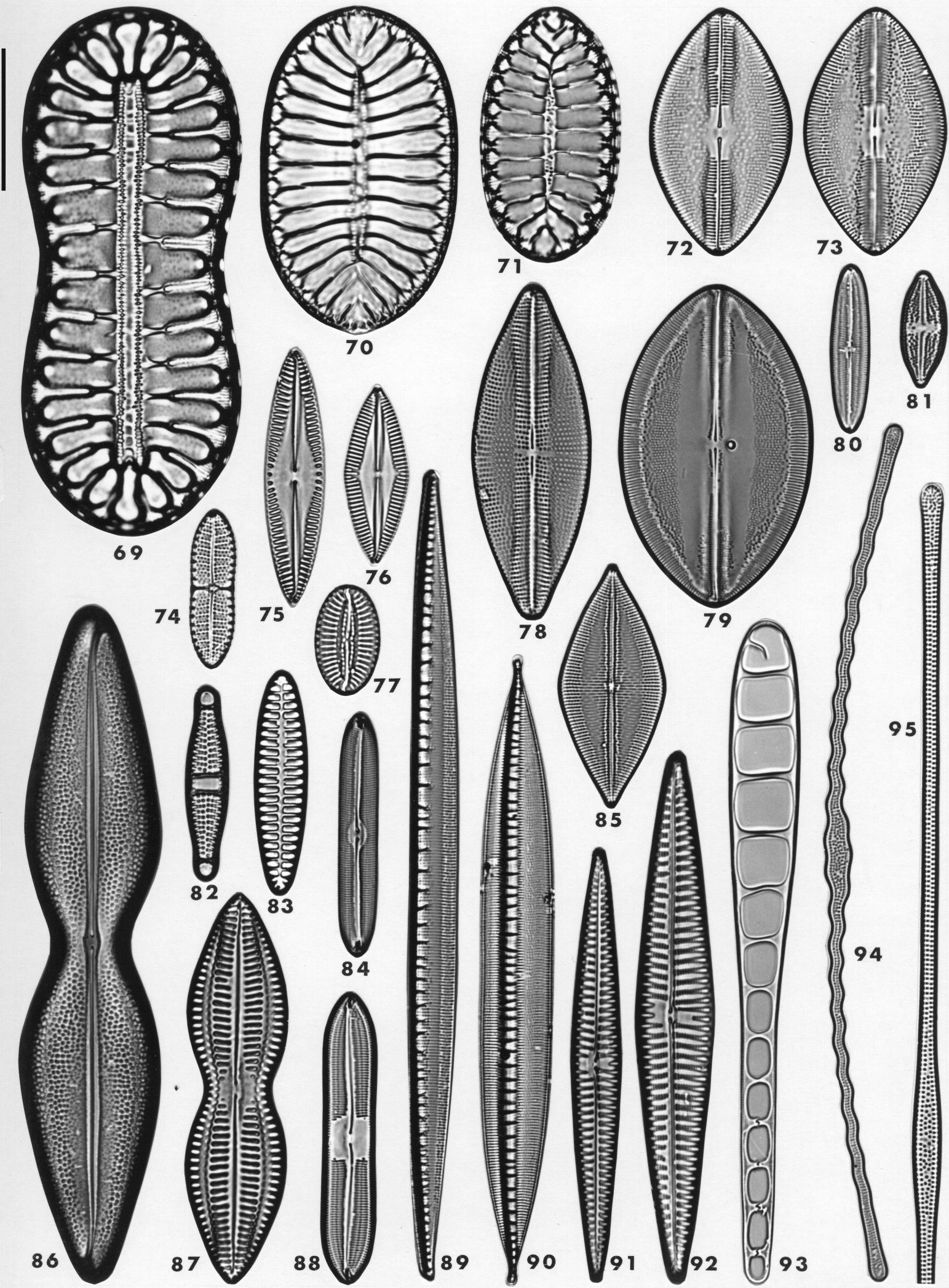
Plate Sixteen:

- 69-71 *Surirella fastuosa* (Ehrenberg) Ehrenberg 1843. See Paddock (1985) for variations.
- 72-73 *Lyrella venusta* (Janisch in Cleve) Mann in Round, Crawford and Mann 1990.
See A. Mann (1925, pl. 27, fig. 4), given as *Navicula vanusta*.
- 74 *Achnanthes longipes* (?) Agardh 1824. See John (1983, pl. 32, fig. 1). Resembles *A. longipes* in the double row of areolae, but very small.
- 75 *Navicula palpebralis* var. *angulosa* (Gregory) Van Heurck 1885. See Gregory (1856, pl. 5, fig. 8) given as *N. angulosa*.
- 76 *Navicula palpebralis* Brebisson in litt., W. Smith 1853. See Hendeby (1964, pl. 34, fig. 13).
- 77 *Navicula nicobarica*. Grunow 1863 See Grunow (1863, pl. 14, fig. 8) also Hustedt (1964, fig. 1457) and Foged (1975, pl. 20, fig. 6).
- 78 *Navicula carinifera* Grunow in Schmidt et al. 1874. See Schmidt's Atlas (1874-1959, pl. 2, fig. 1) and Hendeby (1964, pl. 31, fig. 11).
- 79 *Navicula* (*Lyrella*) *hennedyi* var. *californica* (Greville) Cleve 1895 (No formal transfer to *Lyrella* can be found for this variety). See Hustedt (1964, fig. 1520).
- 80 *Caloneis* sp. indet.
- 81 *Luticola* sp. indet. See Hendeby (1951, pl. 10, fig. 8) and also Hustedt (1966, fig. 1592a) for specimens identified as *Navicula mutica*. This is the same specimen as depicted on pl. 18 (in this volume, fig. 143-44).
- 82 *Plagiogramma pulchellum* var. *pygmaea* (Greville) Peragallo and Peragallo 1901. Sensu Foged (1975, pl. 8, fig. 1).

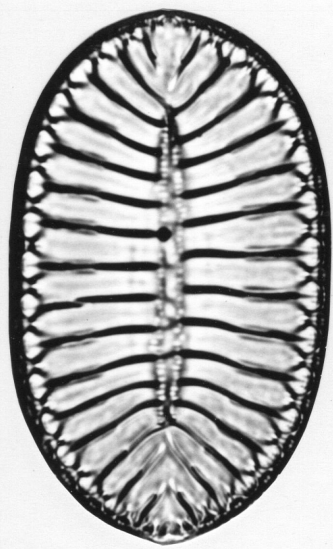
- 83 *Opephora schwartzii* (Grunow) Petit in Pelletan 1889. See Hendey (1964, pl. 36, fig. 9)
- 84 *Caloneis linearis* (Grunow) Boyer 1927. See Hendey (1964, pl. 29, fig. 3).
- 85 *Mastogloia jelineckii* var. *marina* (Janisch and Rabenhorst) Cleve 1895. See Cleve (1894-1895, pl. 2, fig. 18).
- 86 *Dictyoneis jamaicensis* (Greville) Cleve 1890 . See Greville (1866, pl. 12, fig. 23), Peragallo and Peragallo (1897-1908, pl. 7, fig. 1) and also Hustedt (1933, fig. 1008)
- 87 *Oestrupia powellii* var. *egyptiaca* (Greville) Heiden in Schmidt et al. 1906. See Greville in Williams (1988, pl. 44, figs. 11-12) given as *Navicula egyptiaca*.
- 88 *Caloneis consimilis* (Schmidt) Cleve 1894. See Peragallo and Peragallo (1897-1908, pl. 2, figs. 1-2) and Cleve-Euler (1955, figs. 1125a-b).
- 89 *Nitzschia fluminensis* Grunow 1862. See Lange-Bertalot and Krammer (1987, pl. 12, figs. 7-9).
- 90 *Nitzschia fluminensis* Grunow 1862. See Grunow (1862, pl. 12, fig. 35).
- 91-92 *Navicula directa* var. *remota* (Grunow) Cleve 1895. See Hendey (1964, pl. 30, fig. 22).
- 93 *Climacosphenia elongata* Mereschkowsky 1902. See Grunow (1862, pl. 6, fig. 22b).
- 94 *Toxarium undulatum* Bailey 1854. See Gregory (1857, pl. 6, fig. 107) and also Hustedt (1932, fig. 714b), formerly *Synedra undulata*.
- 95 *Toxarium hennedyanum* (Gregory) Pelletan 1889. See Gregory (1857, pl. 6, fig. 108); also Hustedt 1932, fig. 713b), formerly *Synedra hennedyana*.

Magnifications: fig. 94: x750; all others: x1000

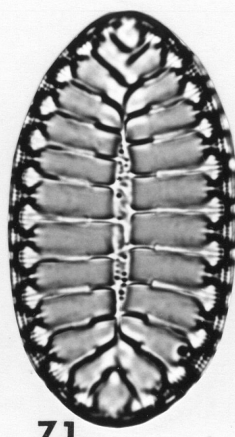
Scale Bar: scale bar is 40 microns for fig. 94; 30 microns for all figures at x1000



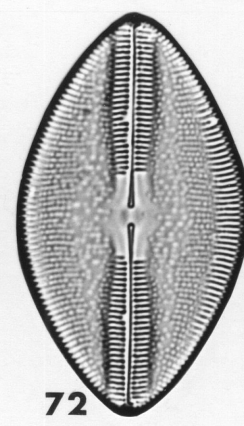
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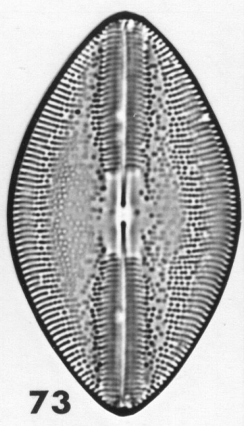
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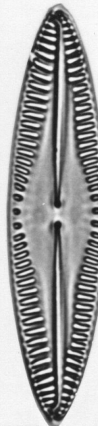
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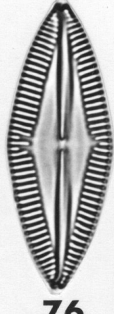
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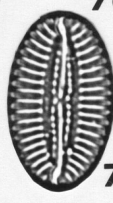
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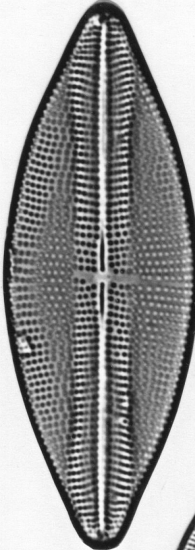
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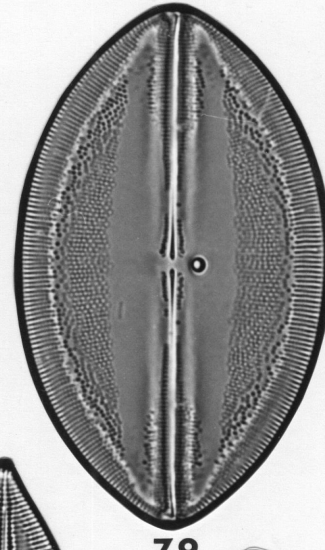
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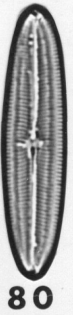
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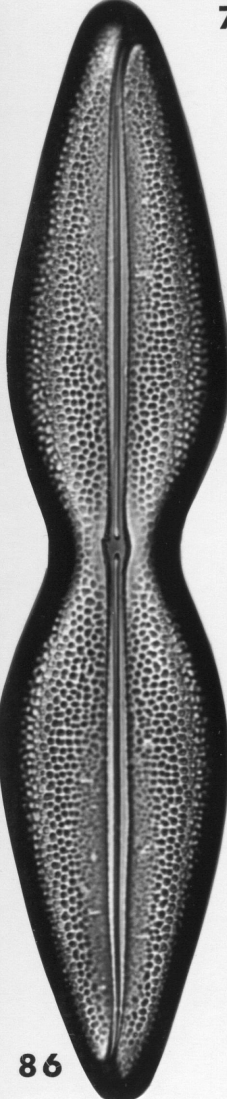
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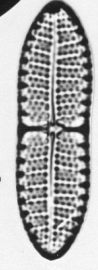
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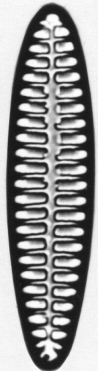
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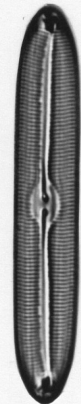
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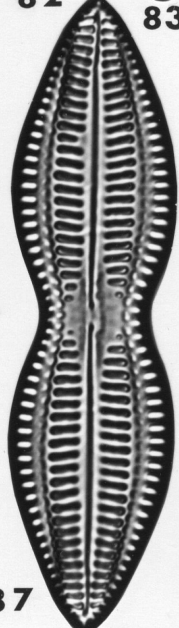
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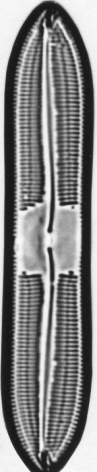
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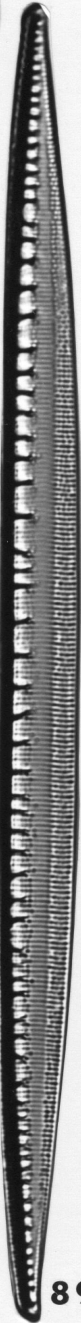
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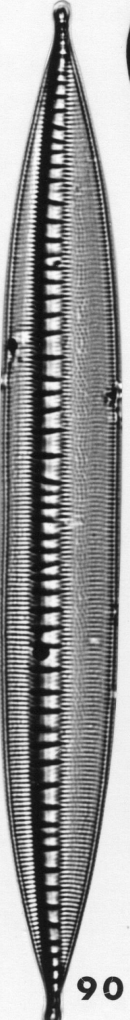
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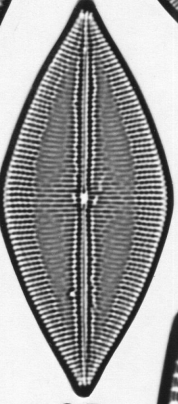
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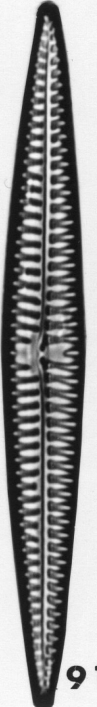
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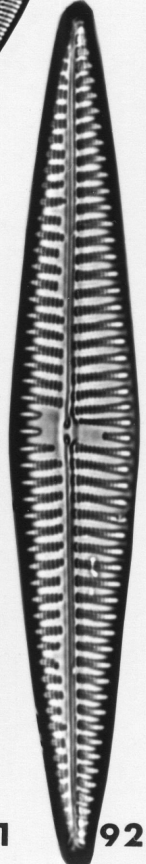
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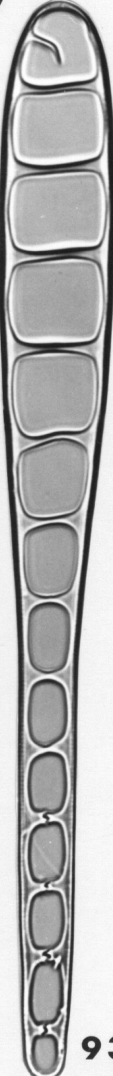
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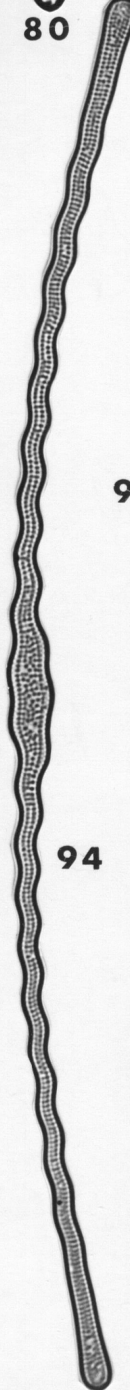
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