

Plate 7: MARINE DIATOMS FROM THE AZORES

Source of Material

South East coast of Faial, Caldeira Inferno. 38° 31' N; 28° 38' W.

An open crater of small volcano, shallow and sandy. Gathered from *Pinna* (molluscs) and stones. Date: June 1st, 1981.

Sample received from Hans van den Heuvel, Leiden on March 17th, 1988.

NOTE:

Material also deposited in Rijksherbarium Leiden, the Netherlands. Aliquot sample and slide also in collection Sterrenburg, Nr. 249

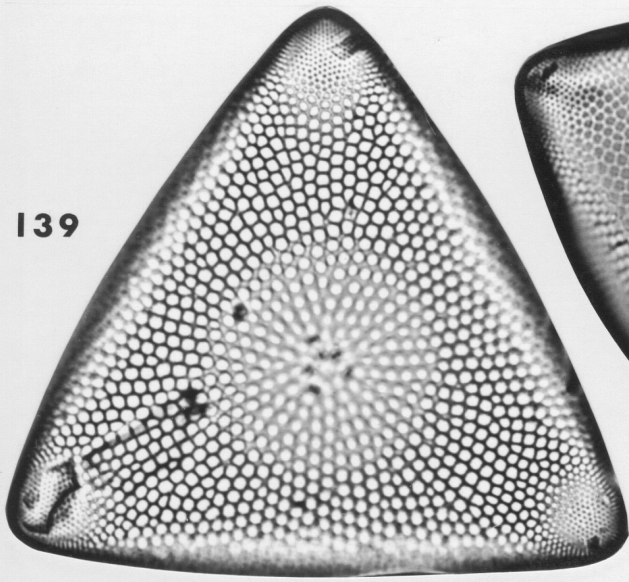
Plate Seven:

- 139-40 *Triceratium arcticum* Brightwell 1853. See Brightwell (1853, pl. 4, fig. 11), Peragallo and Peragallo (1897-1908, pl. 104, fig. 1), Desikachary (1989, pl. 794, fig. 3 and pl. 795, figs 1-3. See also Foged (1985, pl. 1, fig. 8) incorrectly identified as *T. repletum*.
- 141-42 *Triceratium junctum* Schmidt in Schmidt et al. 1886. See Schmidt's Atlas (1874-1959, pl. 98, figs. 1-3) and Desikachary (1989, pl. 781, fig. 22).
- 143 *Lyrella atlantica* (Schmidt) Mann in Round, Crawford and Mann 1990. See Schmidt's Atlas (1874-1959, pl. 2, fig. 33) and Hustedt (1964, fig. 1555b), given as *Navicula lyra* var. *atlantica*.
- 144 *Fallacia forcipata* (Greville) Stickle and Mann 1990. See Hendey (1964, pl. 33, fig. 8), as *Navicula forcipata*.
- 145 *Nitzschia panduriformis* var. *lata*. See Peragallo and Peragallo (1897-1908, pl. 70, fig. 1).
- 146-47 *Rhabdonema adriaticum* Kützing 1844. See W. Smith (1853-1856, pl. 38, fig. 305) and Foged (1984, pl. 25, fig. 2).
- 148-49 *Rhabdonema adriaticum* Kützing 1844. See Hustedt (1931, fig. 552c).
- 150 *Grammatophora gibberula* Kützing 1844. See Witkowski, Lange-Bertalot, and Metzeltin (2000, pl. 16, fig. 11); also a good match for *Grammatophora marina* in Foged (1984, pl. 24, fig. 9).
- 151 *Grammatophora angulosa* Ehrenberg 1840. See Hustedt (1931, fig. 564c).
- 152 *Climacosphenia elongata* J.W. Bailey 1954. See Grunow (1862, pl. 6, fig. 22b) and Peragallo and Peragallo (1897-1908, pl. 86, figs. 2, 4).

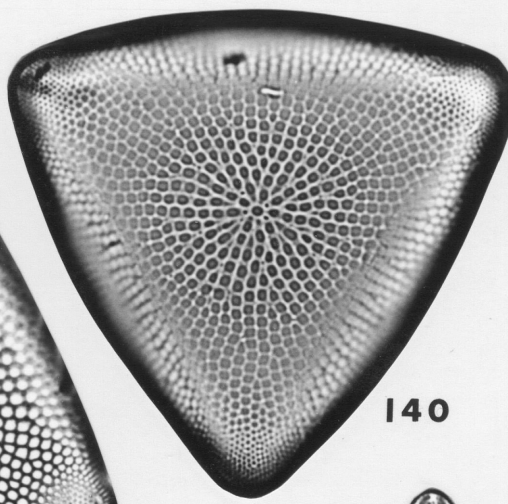
Magnifications: fig.152: x750, all others: x1000

Scale Bar: scale bar is 40 microns for fig. 152; 30 microns for all figures at x1000

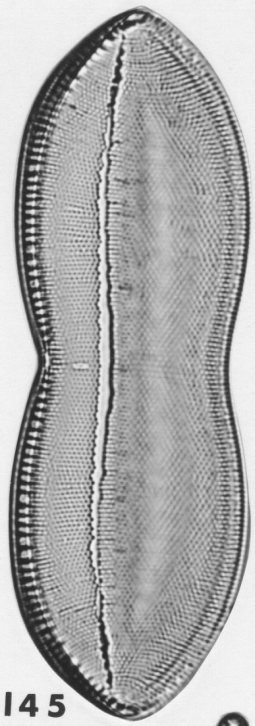
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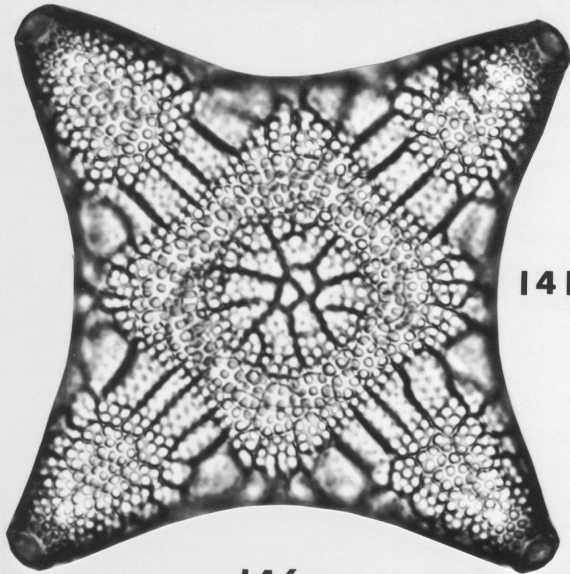
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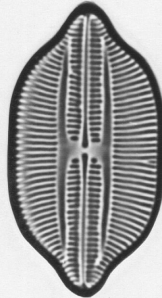
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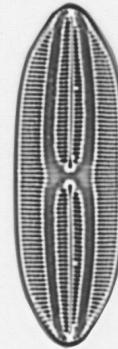
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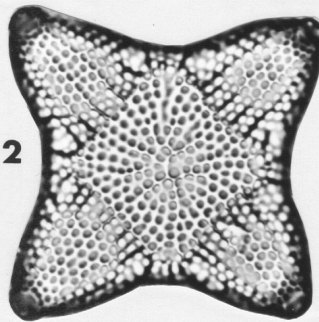
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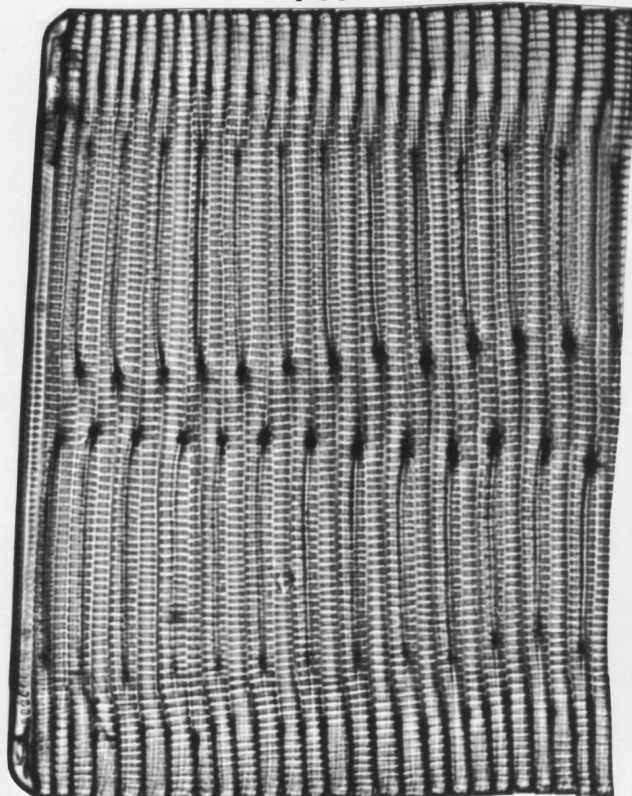
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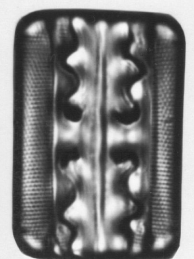
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