Plate 5: 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 Five:

108-12 *Amphitetras subrotundata* Janisch in Schmidt et al. 1886. See Brightwell (1859, pl. 9, fig. 14) as *A. Antediluviana*, also Schmidt's Atlas (1874-1959, pl. 99, fig. 24).

113-15 *Stictodiscus parallelus* fo. *hexagona* (Castracane) Kolbe 1955 . See Desikachary (1989, pl. 716, figs. 1-4, also pl. 715, figs. 3, 4 and 6).

116-17 *Triceratium pentacrinus* fo. *quadrata* Forti in Tempère and Peragallo 1909. See Desikachary (1989, pl. 787, fig. 3). Generic assignment of this species may require further investigation. Ehrenberg (1841) originally described it as *Amphipentas tetracrinus* and there appears to be significant diversity in forms. See Schmidt's Atlas (1874-1959, pl. 98, figs. 9-13, 18).

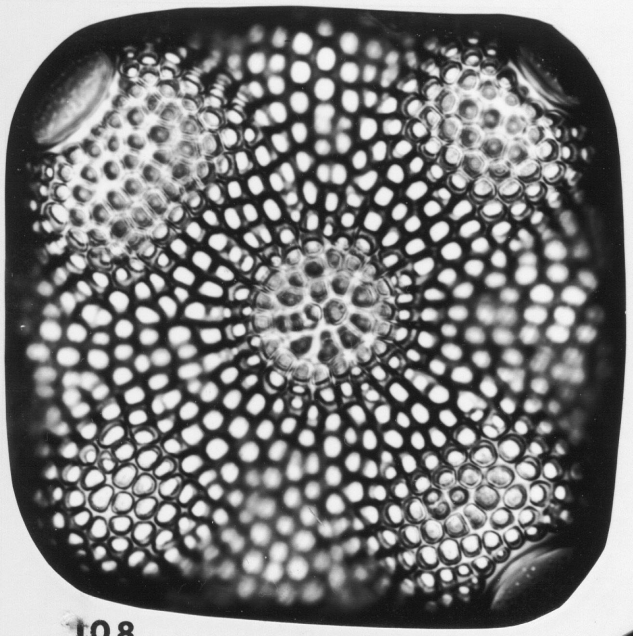
118 *Biddulphia biddulphiana* (J.E. Smith) Boyer 1900. See Desikachary and Prema (1987, pl. 246, fig. 5).

119 *Triceratium finnmarchicum* Grunow in Cleve and Grunow 1880. Specimen appears to match Cleve and Grunow (1880, pl. 7, fig. 126), but generic assignment is uncertain.

120 *Triceratium arcticum* fo. *quadrata* Grunow in Tempère and Peragallo 1908. Specimen appears to match Desikachary (1989, pl. 802, fig. 4), but generic assignment is uncertain.

121 *Campylodiscus* sp. indet.

Magnifications: fig. 115: x500; fig. 118: x750; all others: x1000
Scale Bar: scale bar is 60 microns for fig. 115; 40 microns for fig. 118; 30 microns for all figures at x1000



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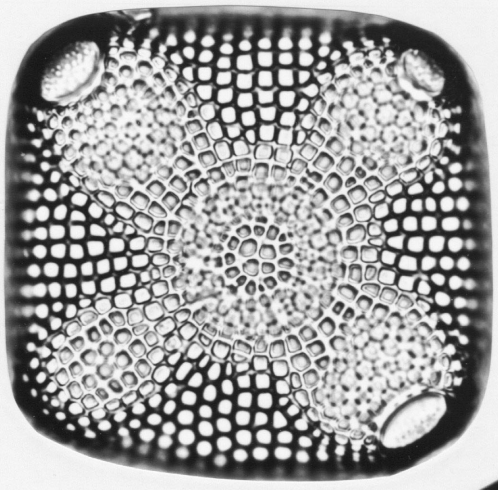

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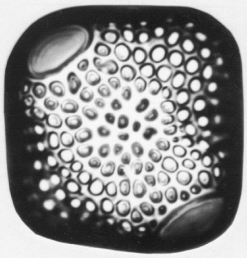

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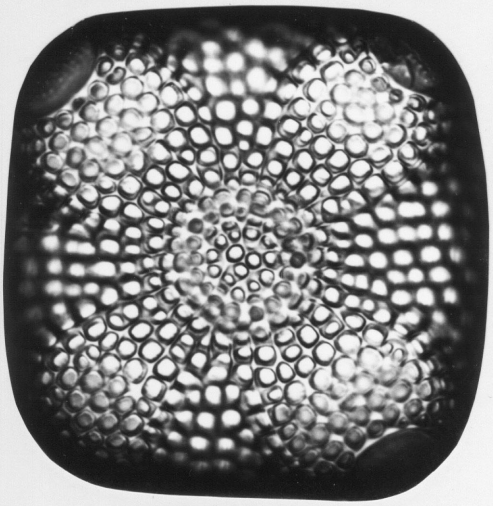

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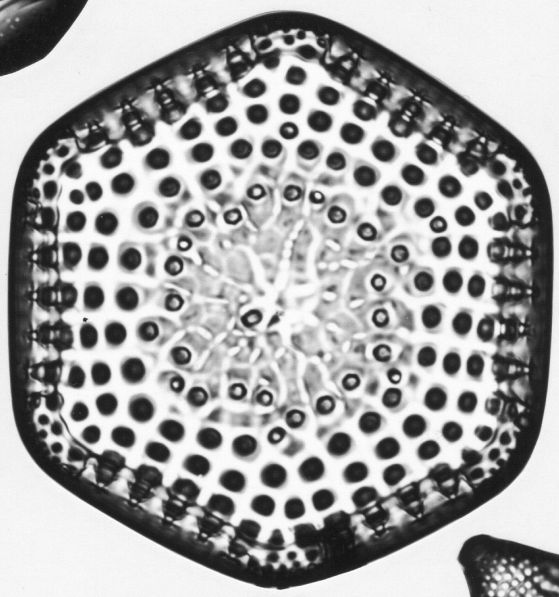

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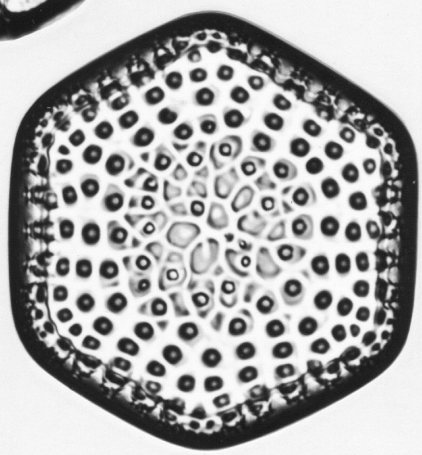

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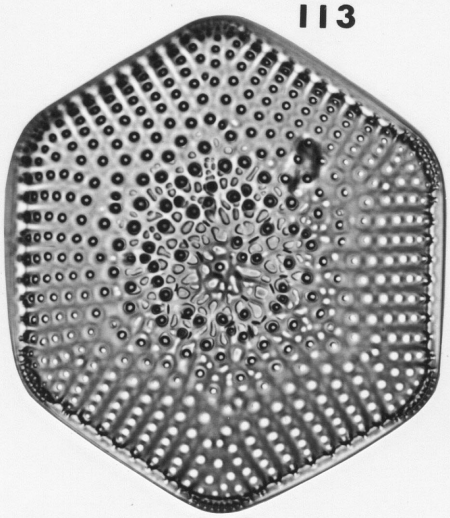

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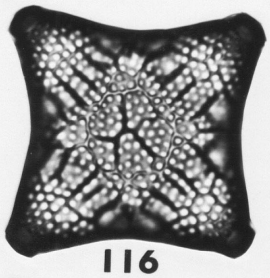

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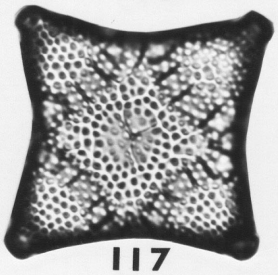

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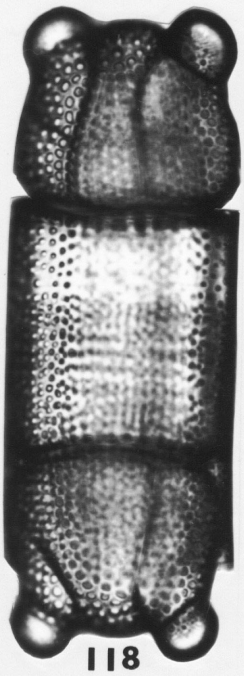

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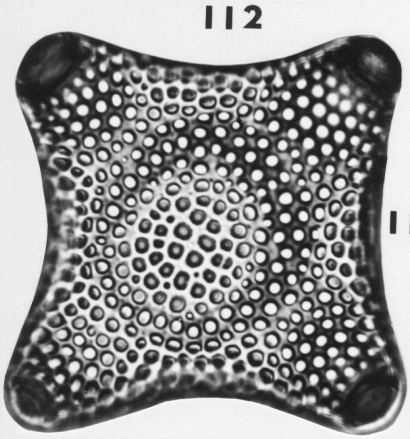

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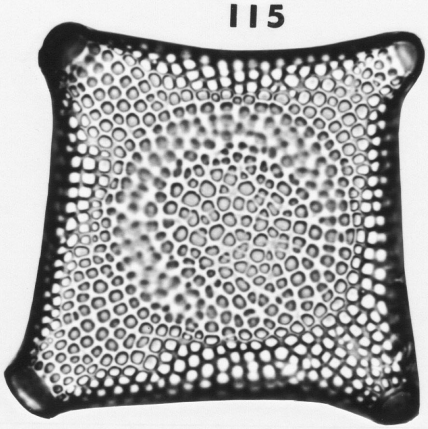

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