**Homozygosaphaera triarcha** Halldal & Markali, 1955

Figs. 1-4 — *Homozygosaphaera triarcha* n. sp.; 1) Photomicrograph of a cell. Apochromat 90/1.30; 2) A disintegrated coccolithophorid; 3) A coccolith seen from the side; 4) Model drawing of a coccolith showing the shape.

**Description:**

Light microscope diagnosis: The cell is ellipsoidal. Inner diameter of long axis: 7.8 to 8 μ. Short axis: 6.5 to 7 μ. For coccolith shape and size, see below.

Electron microscope diagnosis: The coccoliths are 1.6 to 2.1 μ-long and 2.5 to 3.0 μ-high zygoform holococcoliths. Where the three arches meet, a conical appendix protrudes. The crystals are hexagonal prisms with basal pinacoids (0001), packed together, edge to edge.

**Type level:**

Recent.

**Type locality:**

Gulf Stream, 38° N, 70° W, November 1953.

**Depository:**

Institutt for marin biologi, Oslo - Blindern.

**Author:**

Haldall P. and Markali J., 1955, p. 9, pl. 4.
Reference: