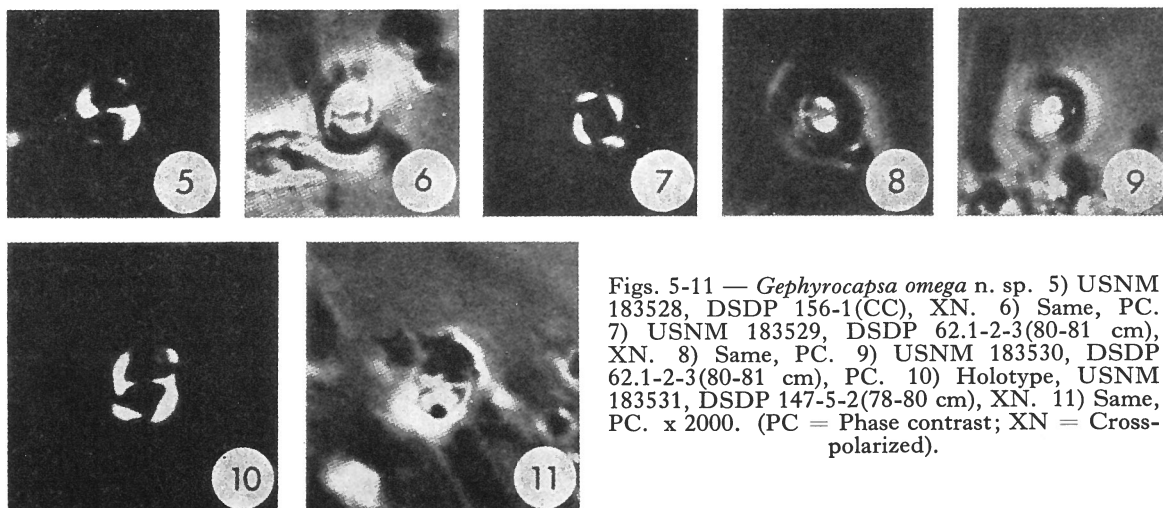


***Gephyrocapsa omega* BUKRY, 1973**

1967 *Gephyrocapsa oceanica* KAMPTNER, Hay *et al.*, pl. 12, fig. 6; pl. 13, fig. 6  
(in part). Assoc. Geol. Soc. Trans. Gulf Coast, vol. 17.



Figs. 5-11 — *Gephyrocapsa omega* n. sp. 5) USNM 183528, DSDP 156-1(CC), XN. 6) Same, PC. 7) USNM 183529, DSDP 62.1-2-3(80-81 cm), XN. 8) Same, PC. 9) USNM 183530, DSDP 62.1-2-3(80-81 cm), PC. 10) Holotype, USNM 183531, DSDP 147-5-2(78-80 cm), XN. 11) Same, PC. x 2000. (PC = Phase contrast; XN = Cross-polarized).

**Description:**

This species has a large central opening and a narrow rim that is less wide than the central opening along both principal axes of the placolith. The narrow diagonal crossbar is nearly aligned with the short axis of the placolith.

Dimensions: 4 to 7 microns.

**Remarks:**

*Gephyrocapsa omega* is distinguished from tropical *G. oceanica*, which also has crossbar angles approaching those of *G. omega*, by the large size of the central opening and narrower rim. It is distinguished from *G. aperta* by its larger size and different crossbar alignment.

**Type level:**

Middle Quaternary.

Occurrence: *G. omega* occurs in the middle Quaternary of tropical Pacific Sites DSDP 62.1, DSDP 79, DSDP 156, and DSDP 157. It has not been observed in any high-latitude assemblages, and its occurrence probably reflects tropical conditions.

**Type locality:**

Cariaco Trench, DSDP 147-5-2(78-80 cm).

**Depository:**

United States National Museum.

Holotype: USNM 183531, figs. 10, 11; paratypes: USNM 183528 to 183530.

**Author:**

Bukry D., 1973, p. 679; pl. 3, figs. 5-11.

**Reference:**

Coccolith Stratigraphy, Eastern Equatorial Pacific, Leg 16 Deep Sea Drilling Project. Initial Reports of the Deep Sea Drilling Project, vol. 16, n<sup>o</sup> 26, p. 653-711, 5 pls., 4 figs., 6 tabs.