Syracolithus dalmaticus (Kamptner), (in part) *Borsetti and Catì (1972), p. 399, pl. 43, fig. 1c (non fig. 1a, b).

Calyptrosphaera catillifera (Kamptner) Gaarder, (in part) Okada and McIntyre (1977), p. 28, pl. 11, fig. 5.

Homozygosphaera wettsteinii (Kamptner) Halldal and Markali, Nishida (1979), pl. 16, fig. 2a, b.

**Diagnosis:** Cocosphaera monomorpha, constans ex circa 80 laminolithis; diametro 13.5-14.0 μm. Pars proximalis coccolithi constructa ex circa 5 stratis microcrystallorum arcte contiguorum. Etiam pars distalis laminata, cum 5-8 foraminibus (foveae superficiales) et protrusione centrali, laminata, acuta. Coccolithi longitudine 2.4-3.0 μm. latitudine 1.8-2.2 μm, altitudine tota 2.0-2.1 μm.

Monomorphic cocosphere, consisting of approximately 80 laminoliths; diameter 13.5-14.0 μm. The proximal part of the coccoliths is built of about 5 layers of closely packed microcrystals. The distal part is also laminated and has 5-8 cavities (surface pits) and a laminated, pointed, central protrusion. Coccoliths 2.4-3.0 μm long, 1.8-2.2 μm wide, total height 2.0-2.1 μm.

**Holotype:** Plate VI, 3.

**Paratypes:** Plate VI, 4, Station Gx-176 and plate XI, 5, Station Gx-160.

**Type locality:** 37°34.4’N, 8°23.5’E (Station Gx-186, Mediterranean Sea), depth 0-5 m.

**Derivation of name:** "confusus" (L.), confused; referring to the former confusion about its taxonomic place.
Number of specimens studied: 6.

Remarks: The laminated structure can be clearly observed in the partly disintegrated specimen that was found at Station Gx-160 (Plate VI, 5). Other specimens of this species, with coccoliths that bear a complex large appendix consisting of several ridges, are shown by Nishida (1979, pl. 16, fig. 2a, b) as *Homozygosphaera wettsteinii* and by Okada and McIntyre (1977, pl. 11, fig. 5) as *Calyptrosphera catillifera*.

Coccospheres bearing coccoliths with a disintegrated distal part closely resemble *Syracolithus catilliferus* in having the same basic structure and crystal pattern. However, the coccoliths of *S. catilliferus* are somewhat smaller and have a smooth distal surface (with a central protrusion), without remainders of ridges between the surface pits. *Syracolithus confusus*, like *Syracolithus catilliferus*, has one kind of laminolith and is therefore placed in the monomorphic genus *Syracolithus*, following Deflandre (1952) and Loeblich and Tappan (1963).

Distribution: Red Sea (Station Gx-160), rare; Mediterranean Sea, occasional.

Previous research: Mediterranean Sea (Borsetti and Cati, 1972), Pacific (Okada and McIntyre, 1977; Nishida, 1979).