

## 11. *Calicasphaera* Kleijne (1991)

**Diagnosis:** *Testa coccolithica globosa, monomorpha, sine orificio stomatali. Holococcolithi (calicalithi) caliciformes, constantes ex rhombohedris calcareis irregularibus coniunctibus. Coccolithi constantes ex tubo, cum vel sine constrictionibus, dilatante versus finem distalem.*

Coccolith case spherical, monomorphic, without a stomatal opening. Chalice-shaped holococcoliths (calicaliths) of irregular, closely set, calcite rhombohedrons. Coccoliths consist of a tube, with or without constrictions, widening towards the distal end.

**Type species:** *Calicasphaera diconstricta* sp. nov.

**Derivation of name:** "*calix*" (L.), chalice; "*sphaera*" (L.), sphere; referring to the spherical coccolith case, which is built of chalice-shaped coccoliths.

**Remarks:** This genus differs from other monomorphic genera in having tube-like coccoliths with an open distal end, without a distal process: the calicaliths. It differs from *Calyptrósphaera*, *Daktylethra* and *Gliscolithus*, as these genera have coccoliths with a closed, or partly covered distal end and a proximal opening that is not covered by microcrystals. Distally open, non-laminated, coccoliths in species of other genera always bear a bridge or other process, like in *Flosculosphaera*, *Homozygosphaera* and *Periphyllophora*.

Kleijne, A., 1991. Holococcolithophorids from the Indian Ocean, Red Sea, Mediterranean Sea and North Atlantic Ocean. *Marine Micropaleontology*, **17**: 1-76.