

13. *Calciarcus* Manton et al. (1977) emend. Thomsen & Østergaard (2014)

Calciarcus n. gen. Manton et al., 1977, p. 155.

Diagnosis: Coccolithophorid periplast with scales of two sizes, a lower layer of small oval unmineralized plates and an outer layer of larger circular unmineralized plates carrying a superstructure of three-four sometimes flexible calcified struts often attached to the base of an abbreviated calcified spine which is typically formed by a coalescence of the calcified struts shortly before their distal termination. Both scale types with an unmineralized marginal band and a surface patterning of radiating ridges. Protoplast with two flagella and a somewhat shorter coiling haptonema.

Thomsen, H.A. & Østergaard, J.B., 2014. Coccolithophorids in Polar Waters: *Calciarcus* spp. Revisited. *Acta Protozoologica*, **53**: 145-157.