

35. Pleurochrysidaceae Fresnel & Billard (1991)

Cellulae diploideae cum coccosphaera, univarse mobilis cum coccolithis monomorphis annularibus ex typo cricolithi. Cricolithi elliptici sine fundo calcareo, ex duobus distinctis elementis alternantibus interordinatis incudi similibus compositi. Annulus distalis plus minusve amplius cure elementis imbricantibus aut non imbricantibus Coccolithophorales coccolithis irregulariter ellipticis; in medio coccolitho ;cutum magnum ellipticum, ora inaequali circumdatum; orpalis-anglistis st:iucta; vel in cochleam serpens, vel aliter inaequalis.

Generatio pseudofilamentosa haploidea, sine coccolithis, nonnunquam invenitur.

Genus typificum: *Pleurochrysis* Pringsheim, 1955.

Coccolith-bearing cells diploid, generally motile with monomorphic ring coccoliths of the cricolith type. Cricoliths elliptical with no calcified bottom, formed from two distinct, alternating, anvil-shaped elements fitted together. Distal ring more or less developed with overlapping or non-overlapping elements.

Pseudofilamentous haploid generation, without coccoliths, present or not.

Type genus: *Pleurochrysis* Pringsheim, 1955.

Fresnel, J. & Billard, C., 1991. *Pleurochrysis placolithoides* sp. nov. (Prymnesiophyceae), a new marine coccolithophorid with remarks on the status of Cricolith-bearing species. *British Phycological Journal*, **26(1)**: 67-80.