

Revision of the genus *Cladophyllia* and description of *Apocladophyllia* gen.n. (Cladophylliidae fam.n., Scleractinia)

Elżbieta Morycowa and Ewa Roniewicz
Acta Palaeontologica Polonica 35 (3-4), 1990: 165-190

Syntypes of *Lithodendron dichotomum* Goldfuss are reexamined. The following Middle and Upper Jurassic species of the genus *Cladophyllia* Milne-Edwards et Haime, 1851 are revised: *C. minor* Beauvais, 1975, *C. conybearei* Milne-Edwards et Haime, 1851 and *C. dichotoma* (Goldfuss, 1821). and *C. cf. excelsa* (Koby, 1988) is described. Genus *Schizosmilia* Koby, 1889 is regarded here as a later subjective synonym of *Cladophyllia*. Some corals described under the name of *Schizosmilia* are recognized as representatives of the new genus *Apocladophyllia* with the type species *A. nowaki* sp.n. The genera *Cladophyllia* and *Apocladophyllia* represent a new Jurassic/Cretaceous family, Cladophylliidae fam. n., suborder Stylinina Alloiteau, 1952.

Key words: Scleractinia, Jurassic, Cretaceous.

This is an open-access article distributed under the terms of the Creative Commons Attribution License (for details please see creativecommons.org), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.