

Allocoenia Etallon, 1859 : 477

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Remarks: Corals described also under the names of *Astrocoenia* Milne Edwards and Haime, 1848, *Actinastrea* d'Orbigny, 1849, *Stephanocoenia* d'Orbigny, 1850 and *Stephanastrea* Etallon, 1864.

Classification

Family: Actinastreaidae Alloiteau, 1952

Type Species

Allocoenia trochiformis Etallon 1859: 478 by Original Designation in Etallon 1859: 478.

Neotype: (Dry Preserved: Not Traced).

Type Locality: Valfin, France. Kimmeridgian

Remarks: Original specimen has been lost. Alloiteau 1957:61 chose a neotype.

Diagnosis

Ceriod, corallites about 2 mm in diameter, polygonal. Septa subconfluent and nonconfluent. Symmetry hexamerl. Septa in 3 size orders: S1 reach the columella, S2 with elongated paliform lobes approaching to the columella, S3 regularly anastomosing with S2. Septal sides with sharp, densely arranged granules. Columella styliform. Endotheca subtabular. Wall septothecal. Increase by intercalicular budding.

Description

Described by Koby, 1885: 301, pl. 85, fig. 1-3, and in 1888: 554, pl. 130, fig.11 with discussion on colony and corallite structure. Alloiteau 1957: 61 re-described the type species based on the neotype, re-defined the genus, and discussed its affiliation to the family Actinastreaidae. Description of *A. trochiformis* from Poland was based on thin sections in Roniewicz 1976: 36, pl. 1, fig. 6a-c.

Comparisons

In ceriod type of colony, small corallites, styliform columella the genus is the most similar to *Stephanastrea* Etallon, 1864 but differs from it in having thick paliform lobes in front of the S2 septa, regular anastomosis of S2 and S3 septa, and hexamerl symmetry.

Remarks

Five nominal Jurassic species.

Distribution

Western Europe; Late Jurassic
Central Europe; Late Jurassic

Remarks: Known in the Oxfordian-Kimmeridgian of Europe