

NEW SPECIES OF BARTONIAN (EOCENE) CORALS: JACA BASIN, PYRENEES, SPAIN

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An analysis has been made of the coralline species in the Jaca Foreland Basin (Huesca South Pyrenees- Spain). These facies correspond to the deltaic Belsué-Atares Fm, though also with Pamplona Marls and Sabiñánigo Sandstone (Puigdefàbregas, 1975). The corals are found in high frequency transgressive episodes (100.000 years) (Millán et al., 1994). the coralline facies are situated in cron 17, covering the Bartonian-Priabonian boundary (Hogan y Burbank, 1996). 64 species of corals have been identified (Álvarez-Pérez et al., 2001).

In this work five new species of fossil cnidaria, *Millepora subpirenaica* n. sp. (Hydroidomedusa, Capitata), *Stylocoenia sanctaorosiae* n. sp., *Stylophora binacuaensis* n. sp., *Leptoseris santaciliaensis* n. sp. and *Alveopora ataresensis* n. sp. (Anthozoa, Scleractinia), from the Bartonian-Priabonian (Middle/Upper Eocene) of the Belsué-Atares Formation (Jaca Basin, Huesca) are described. *Millepora subpirenaica*, *Stylocoenia santaorosiae* and *Leptoseris santaciliaensis* are widely distributed in the research area, while *Stylophora binacuaensis* and *Alveopora ataresensis* are more restricted.

The systematics is based on Boschma, H., 1956; Solé Sabarís Ll. 1942; Wells, J. W., 1956.

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