

FRASNIAN BRACHIOPODA FAUNA FROM THE LATE DEVONIAN GÜMÜŞALİ FORMATION IN THE SAİMBEYLİ REGION (ADANA-EASTERN TAURIDES)

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ABSTRACT.- In this study, Frasnian brachiopoda fauna of the Gümüşali formation in the Saimbeyli area (Eastern Taurides) has been identified and described for the first time in Turkey. The measured section, located near Naltaş village, Gümüşali formation is well exposed and very rich in macrofossils. This macrofossils occur in local accumulations within the limestones and sandstones. The section which represents lower part of the formation is formed by fossiliferous limestones at the basal part, by sandy limestone-shale alternation at the middle part and by sandstones interbedded with thin shales at the top. The sequence was deposited in a shallow marine environment. It contains brachiopods, corals and subordinate bryozoa and crinoidal elements. The determined brachiopoda assemblage includes *Douvillina dutertrei* (Murchison), *Cyphoterorhynchus arpaensis* (Abramian), *Desquamatia* sp., *Cyrtospirifer bisinus* (Lehon), *Cyrtospirifer schelonius* Nalivkin, *Cyrtospirifer* sp., *Apousiella bouchardi* (Murchison), *Spinatrypina chitralensis* (Reed), *Uchtospirifer multiplicatus* Brice. This assemblage can be correlated with those from the Frasnian of Iran, Afghanistan and Western Europe.

Key words : Late Devonian, Frasnian, brachiopoda, Saimbeyli, Eastern Taurides.

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