

BIVALVIA AND SCAPHOPODA FAUNA OF KASABA MIOCENE BASIN (WESTERN TAURIDS, SW TURKEY)

Yeşim İSLAMOĞLU*

ABSTRACT.- In this study, 28 Bivalvia and 1 Scaphopoda species were determined in the Uçarsu and Kasaba formations of the Kasaba Miocene basin and the systematic characteristics and stratigraphic levels of them have been revealed. Chronostratigraphical and paleogeographic characteristics of the species have shown that the age of Uçarsu formation is Upper Burdigalian (Upper Eggenburgian - Karpatian) and of the Kasaba formation is Langhian (Lower Badenian). Species such as *Pecten zizinae* Blanckenhorn, *Cardium praeaculeatum* Hölzl, *Venus (Antigona) burdigalensis producta* Schaffer and *Pitar (Paradione) lilacinoides* (Schaffer) found in the Uçarsu formation are peculiar to Early Miocene and these species have not been known in Middle Miocene. *Divaricella ornata subornata* Hilber found in the Kasaba formation is a species which had been peculiar to Middle Miocene. Most of the mollusc fauna determined from the examined units is wide-spread both in Thethys and Central Paratethys during Early and Middle Miocene. *Chlamys (Macrochlamys) latissima praecedens* (Sacco), *Pecten benedictus* Lamarck, *Pecten fuchsi* Fontannés, *Pecten zizinae* Blanckenhorn, *Pseudochama gryphina taurohunata* (Sacco) and *Cardium praeaculeatum* Hölzl from the class of Bivalvia and *Dentalium (Antalis) cf. bouei* Deshayes from the class of Scaphopoda are species which had only distributed in Thethys realm. In the study area, only a limited number of species, known from the marine stages of Central Paratehys have been found. *Divaricella ornata subornata* Hilber found in the Kasaba formation is a species which has been peculiar to Lower Badenian and *Cardium praeaculeatum* Hölzl, *Venus (Antigona) burdigalensis producta* Schaffer found in the Uçarsu formation are species peculiar to Eggenburgian.

Key words: Antalya, Kasaba, Miocene, Bivalvia, Scaphopoda, Systematic, Paleontology

* Maden Tetkik ve Arama Genel Müdürlüğü, Tabiat Tarihi Müzesi, 06520-Balgat/ Ankara