

STRATIGRAPHY OF THE AUTOCHTHONOUS AND ALLOCHTHONOUS UNITS AT THE EASTERN PART OF THE ISPARTA ANGEL, WESTERN TAURIDES-TURKEY

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ABSTRACT.- The investigation area which located at the eastern part of "Isparta Angle" of Taurus mountain, includes Beydağları-Karacahisar autochthonous, Anamas-Akseki autochthonous and Antalya nappes. Beydağları-Karacahisar autochthonous which is cropped out below the Antalya nappes as tectonic windows is represented by from bottom to top Precambrian, Cambrian, Carboniferous and Middle Triassic-Danian sedimentary deposits. Anamas-Akseki autochthonous represented by Upper Triassic-Middle Eosen rock units is over thrust to Antalya nappes and Beydağları-Karacahisar autochthonous at the north and is seperated from Beydağları-Karacahisar autochthonous by Kırkkavak fault at the eastern part of the investigation area. During the Mesozoic period Anamas-Akseki and Beydağları-Karacahisar autochthonouses were developed as different platforms. In the Antalya nappe which composed of offshore platforms, slope, basin and fragments of oceanic crust, from bottom to top Çaltepe, Alakırçay, Tahtalıdağ and Tekirova ophiolitic nappes are distinguished on the basis of their structural and stratigraphical properties. Çaltepe nappe includes Şeyhdere, Sofular, Zindan, Yaka, Yılanlı and Kocaoluk sequences, Alakırçay nappe, Alakırçay, Koçular, Sülekler sequences, Tahtalıdağ nappe, Yumaklar, Erenler, Dutdibi, Ovacık, Güme and Dulup sequences. Akpınar sequence which is composed of Middle-Upper Triassic basic volcanic and through the upper part Jurassic-Cretaceous platform carbonates structurally conformable to Alakırçay nappe. Also, Tekirova ophiolitic nappe is composed of Ayvalı peridotite and Kırkdirek melange.