

STRATIGRAPHY AND STRUCTURE OF THE UPPER CRETACEOUS AND PALEOGENE  
ROCKS TO THE NORTH OF BOLU

Orhan KAYA\* and Atife DİZER\*\*

ABSTRACT.— The particular stratigraphic sequence representing the Pontids at the north of Bolu, ranges in time from Maastrichtian to latest Lutetian (and most likely to Priabonian). This mainly marine sequence is, at least, 2450 m thick, and is divided by minor stratigraphic breaks. The basement is made up of a fault mosaic of Senonian «melange unit», Paleozoic sedimentary and Precambrian metamorphic rocks. The Late Cretaceous-Paleogene sequence, as a part of a regional south-southeastward overturned major syncline, is separated from the basement rocks by lately formed vertical faults. In general, the overturned limb of the syncline is thrust over the normal limb, along the axial plane.