

EARLY DEVONIAN CONODONTS FROM LIMESTONE OLISTOLITHS WITHIN THE KARASENİR FORMATION OF THE KARAKAYA COMPLEX

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ABSTRACT.- Limestone olistoliths of different size are commonly observed in the elastics of Karasenir formation (Amasya) which is unconformably overlain by the Liassic deposits. In two of these olistoliths, conodont faunas belonging to eurekaensis, delta and Pesavis zones of early Devonian (Lochkovian) were determined. Typical Permian algaees (Gymnocodiacea) were described in thin sections of a dark gray limestone olistolith. Since it contains early Devonian and Permian olistoliths and unconformably covered with the Liassic units, the age of Karasenir formation is believed to be Triassic. Including of underlying metamorphic rocks to the Karakaya complex necessities also including of Karasenir formation as their stratigraphic continuation.