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摘要: 新疆尼勒克县阿克托别克地区一套红色含膏盐的地层过去未曾采获化石, 一直认为属新近纪上新世地层。最近采获的半咸水双壳类 *Acuticosta cf. cuspidate Huang* , *Sphaerium solidium Clessin* , *Sphaerium subsolidum Clessin* , *Sphaerium cf. subsolidum Clessin* , *Pisidium cf. amnicum* (*Mueller*) 及介形类、海百合茎、植物化石资料, 证明该区红色含膏盐地层的地质年代为古近纪渐新世—新近纪中新世, 其岩石地层单位与新疆天山地区的岩石地层对比划归乌恰群。

关键词: 乌恰群; 化石; 渐新世—中新世; 尼勒克县; 新疆

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Ling L H , Lou F S , Luo C L , Wu M R , Cheng C H , Song Z R. Discovery of new fossils in the Aketuobieke area , Nilka County , Ili , Xinjiang , and their geological significance. Geological Bulletin of China , 2005 , 24 (5) : 438 — 441

Abstract : Since no fossils was found in a red evaporite sequence in the Aketuobieke area , Nilka County , Xinjiang , it has been long believed that this sequence of strata is Pliocene in age. Recently the authors have collected the brackish bivalves *Acuticosta cf. cuspidate Huang* , *Sphaerium solidium Clessin* , *Sphaerium subsolidum Clessin* , *Sphaerium cf. subsolidum Clessin* and *Pisidium cf. amnicum* (*Mueller*) , ostracods , crinoids , plants from the sequence and thus demonstrate that its geologic age is Oligocene — Miocene. The lithostratigraphic unit may be correlated with the lithostratigraphic unit in the Tianshan area , Xinjiang , and thus is assigned to the Wuqia Group.

Key words : Wuqia Group ; fossil ; Oligocene — Miocene ; Nilka County ; Xinjiang