ГЕОЛОГИЧЕСКИЕ УСЛОВИЯ РАЙОНА ПАЛХАЗА

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На краях земплинских островных гор в Прешовско-токайских горах его в бассейне Хедькез расположены отложения сармата и среднего миоцена, продолжение которых разрывают эруптивные массы. В покрове риолитовых туфов, на которые в потоку Кесерю залегают слои старшего возраста, содержащие тортонскую фауну — следуют риолитовые туфы сарматского возраста. В покровах этих туфов на окраинах бассейна выступают колоссальные толщи андезиториолитовых масс, взаимоотношение которых, однако, точно не выяснено. Из направлении андезитовых жил раскрывается сеть сбросов в направлении СЗ-ЮВ.

THE GEOLOGICAL CONDITIONS OF THE SURROUNDINGS OF PÁLHÁZA (COUNTY ABAUJ-TORNA)

By K. Balogh and L. Szebényi

Upon the Paleozoic schists and sandstones at Vilyvitány, wich form the last prolongations of the Zemplén-Mountains, there settle the basin-sediments of Tertiary age, the continuity of these being interrupted by the stone-masses of volcanic eruption.

Middle-Miocene. From the Upper-Mediterranean sediments of Tortonian facies Gy. Szádeczky and M. Pálfy have communicated a rich fauna from the vicinity of the mouth of Köszörű Brook at Kovácsvágás. (Detailed fauna list see in the Hungarian text.)

Gy. Szádeczky, M. Pálfy and A. Hoffer gave opposite opinion about the situation of the fossile benches and their relation to the under and over-lying strata. We find the situation of the fossiliferous tuffs — on the contrary — as follows: the little hill ⌖ 281 (alt. point), ascending on the western side of Köszörű Brook, consists of rhyolite tuff, its age is fixed by the enclosed fossils. Andesite is to be found dispersed only upon the summit of the hill, like some loose pieces, and so it is not in closer connection with the Upper-Mediterranean rhyolite tuff. The Upper Mediterranean rhyolite tuff with a general Northeastern even Eastern dip settles upon the glassy rhyolite appearing SW of it, and is undoubtedly older than the rhyolite tuffs wich are exposed at both sides of the valley Kovácsvágás.

Upper Miocene. Sarmata Stage. Passing over the Upper Mediterranean rhyolite tuffs we consider all rhyolite tuffs of the Hegyköz-basin as being of Sarmatian age. Our opinion is justified, beside the profile of