

located 15 km north of Zhaosu-hsien, Xinjiang Uygur Autonomous Region ④Dark gray, gray bioclast limestone, sandy shale, calcareous sandstone, conglomerate ⑤Early to Late Carboniferous.

### **Aketashi Formation (1) (阿克塔什组 1)**

②No.1 Element of Xinjiang Regional Geological Survey Team (Zhou Zhongxi), 1975, Explanatory Text for 1:200 000 Scale Geological Map: Xinyuan Sheet ③Aketashi, Xinyuan County, Xinjiang Uygur Autonomous Region ④Muddy coarse sandstone, conglomerate intercalated with limestone, bearing marbled limestone and phyllite ⑤Mid Devonian ⑥Homonym: Aketashi Formation (2).

### **Aketashi Formation (2) (阿克塔什组 2)**

②Hou Hongfei, Xiang Liwen, Lai Caigen, Lin Baoyu, 1979, *Journal of Stratigraphy*, 3(3) ③Aketashi in Huocheng, Xinjiang Uygur Autonomous Region ⑤Late Ordovician ⑥Homonym of Aketashi Formation (1).

### **Aketashi Group (阿克塔什群)**

②Xinjiang Bureau of Geology and Mineral Resources, 1993, Regional Geology of Xinjiang Uygur Autonomous Region [Geological Memoirs of the Ministry of Geology and Mineral Resources of the People's Republic of China, (1) Regional Geology, no.32], Beijing: Geological Publishing House, 244 ③Aketashi River in Karakunlun Area, Xinjiang Uygur Autonomous Region ④Red conglomerate, calcareous sandstone, nodular limestone, sandstone, shale and Breccia ⑤Paleogene ⑥Homonym of Aketashi Formation (1).

### **Aketubieke Formation (阿克吐别克组)**

②No.5 Element of Xinjiang Regional Geological Survey Team, 1979, Explanatory Text for 1:200 000 Scale Geological Map:Gongliu Sheet ③Aketubieke, Xinjiang Uygur Autonomous Region ⑤Late Permian.

### **Akeyazi Formation (阿克牙子组)**

②Tan Hongbing, 1978, *Regional Geological Survey of Xinjiang*, (3) ③Akeyazi, Zhaosu County, Xinjiang Uygur Autonomous Region ④Limestone and slate ⑤Late Silurian.

### **Akqat Formation (阿克(合)恰特组)**

②Wang Jingbin, Cheng Shoude, 1985, in Institute of Geological Sciences, Xinjiang Bureau of Geology and Mineral Resources, Regional Geological Survey Team, Xinjiang Bureau of Geology and Mineral Resources and Institute of Geology, Chinese Academy of Geological Sciences, 1985, Stratigraphy and Trilobite Faunas of the Cambrian in the Western Part of Northern Tianshan, Xinjiang [Geological Memoirs of the Ministry of Geology and Mineral Resources of the People's Republic of China, (2) Stratigraphy and Palaeontology, no.4], Beijing: Geological Publishing House, ix+242 ③The name is derived from the hill of Akqat close to Guozigou in western part of northern Tianshan, Xinjiang Uygur Autonomous Region ④The