

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

term Akqat Formation was used to represent a series of gray, grayish black calcarenaceous and silty mudstone, siliceous mud and intercalation with thin-bedded limestone ⑤Middle Cambrian.

Aksu Group (阿克苏群)

②Compiling Group for Xinjiang Regional Stratigraphic Scale, 1981, Regional Stratigraphic Scale of North China; Xinjiang Uygur Autonomous Region, Beijing: Geological Publishing House. First appeared in a 1976 manuscript by Zhang Tairong *et al.* ③Aksu, Wushi County, Xinjiang Uygur Autonomous Region ④Grayish green, dark green, yellowish green quartzose schist and chlorite schist ⑤Palaeo- to Mesoproterozoic.

Aksugol Formation (阿克苏河组)

②Zhang Yuqian, Zhao Mingyu, Jiao Shengrui, 1977, *Xinjiang Geology (Stratigraphic Issue)*, (1): 110-129 ③Aksu River, Wushi County, Xinjiang Uygur Autonomous Region ⑤Late Carboniferous ⑥Synonym of Halamilanhe Group.

Alabiyebastaw Formation (阿拉比也巴斯他乌组)

②Xinjiang Regional Geological Survey Team (Ding Zhan, Ge Qi, *et al.*), 1976, Explanatory Text for 1:200 000 Scale Geological Map: Kamusite Sheet ③Alabiyebastaw, Xinjiang Uygur Autonomous Region ④Volcanic clastic rocks ⑤Late Devonian.

Aladeyikesai Formation (阿腊德依克赛组)

②Jin Yugan *et al.*, 1989, in The Division of Geosciences of Chinese Academy of Sciences and Xinjiang Bureau of Petroleum Management, 1989, The Formation and Evolution of Junggar Basin and the Formation of Oil and Gas, Beijing: Science Press ③Aladeyikesai Valley in Hala'alate Hill, Bukesai'er County, Xinjiang Uygur Autonomous Region ④Red, black, gray and grayish green sandstone, shale, sandy mud and mud, intercalated with andesite, basalt and lenticulated limestone ⑤Late Carboniferous.

Ala'er Formation (阿拉尔组)

②Shen Zhenshu, Cheng Guo, Le Changshuo, Liu Shucui, 1993, The Stratigraphic Classification and Sedimentary Environment of Salt Bearing Stratigraphy in Qaidam Basin, Beijing: Geological Publishing House ③Ala'er located east of the lake of Gasikule in Mangya, Qaidam Basin, Qinghai Province ④Alternation of yellow, yellowish green sands and gravel ⑤Early of Pleistocene.

Alai Formation (亚里组)

②Chen Tingen, 1984, in The Integrated Scientific Expedition to the Qinghai-Tibet Plateau, Chinese Academy of Sciences, 1984, Stratigraphy of Tibet, Beijing: Science Press ③Alai (i.e. Yali), Nyalam County, Tibet Autonomous Region ④Gray limestone intercalated with thin-bedded sandstone ⑤Ordovician.