

gion, China, Beijing: Geological Publishing House, 1-132 ③The name is derived from the Akbulung in the famous Mountain Tianshan ④Muddy gravel ⑤Early Pleistocene.

### **Ake Formation (阿克组)**

②Yunnan Regional Geological Survey Team, 1979, Explanatory Text for 1:200 000 Scale Geological Map: Jinghong Sheet ③Ake in Lancang County, Yunnan Province ④Quartz-schist, chlorite schist, intercalated with silicic rock ⑤Neoproterozoic.

### **Ake'ertakedaban Formation (阿克尔塔克达坂组)**

②Zhang Yuqian, Zhao Mingyu, Jiao Shengrui, 1977, *Xinjiang Geology (Stratigraphic Issue)*, (1): 110-129 ③Ake'ertakedaban located south of Yesanggang, Xinjiang Uygur Autonomous Region ⑤Early Permian.

### **Akekule Diamictite (阿克库勒杂砾岩)**

①Akekule Moraine ②Chen Huahui (chief editor), 1994, Explanation of 1:1 500 000 Scale Quaternary Geological Map of Xinjiang Uygur Autonomous Region, China, Beijing: Geological Publishing House, 15. First appeared in a 1979 manuscript by Ding Tianfu ③The lake of Akekulehu in Altay Area, Xinjiang Uygur Autonomous Region ④Diamictite ⑤Pleistocene ⑥Homonym of Akekule Formation.

### **Akekule Formation (阿克库勒组)**

②Dong Yanru, 1990, The Triassic System in the Aman Depression in northeastern Tarim Basin, in Collection of Petroleum Geology of Tarim Basin, Published by Northwest Bureau of Geology, Ministry of Geology, 190-204; ③Akekule in northeastern Tarim Basin, Xinjiang Uygur Autonomous Region ④Dark gray mudstone, alternation of grayish white sandstone and sandy gravel rock, the mid one of formations in Manjia'er Group ⑤Mid Triassic ⑥Homonym: Akekule Diamictite.

### **Akeritakedaban Formation (阿克日塔克达坂组)**

②Zhang Yuqian, Zhao Mingyu, Jiao Shengrui, 1977, *Xinjiang Geology (Stratigraphic Issue)*, (1): 110-129 ③Akeritakedaban in middle reaches of the Kalamilan River, Muzitage District, Xinjiang Uygur Autonomous Region ④Calcareous sandstone intercalated with alternation of sandstone and limestone ⑤Early Permian.

### **Akesayihu Formation (阿克萨依湖组)**

②Liu Shikun, Zhang Jiandong, Chen Tingen, 1986, *Acta Palaeontologica Sinica*, 25(5): 491-506. First appeared in a 1986 manuscript "Explanatory Text for 1:1 000 000 Scale Geological Map: Ritu Sheet" by Tibet Regional Geological Survey Team ③Lake of Akesayihu on hill of Luokezong, close to Mountain Pass of Karakunlun, Tibet Autonomous Region ④Purple calcareous siltstone and calcareous mud ⑤ Early Ordovician ⑥Akesayihu Formation is the form of lithostratigraphic unit without lithostratigraphic meaning; Synonym of Dongguashan Group.

### **Akeshake Formation (阿克沙克组)**

②No.1 Xinjiang Regional Geological Survey Team, 1978, Explanatory Text for 1:200 000 Scale Geological Map: Zhaosu Sheet ③The valley or hill of Akeshake

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