

Aiqiling Formation (埃歧岭组)

②Tang Xiaoshan, Huang Jianzhong, Zhang Chuncheng, 1994, *Regional Geology of China*, no.4 (serial no.51), 303-310 ③Aiqiling, Zixing County, Hunan Province ④Grayish green quartzitic sandstone, slate, and silicic rock ⑤Sinian.

Airgin Sum Formation (爱力格庙组)

①Airgin Sum Group ②No.1 Inner Mongolia Regional Geological Survey Team, 1980, Explanatory Text for 1:200 000 Scale Geological Map: (?) Sheet ③Airgin Sum, Siziwan Banner, Inner Mongolia Autonomous Region; ④Quartz-schist intercalated with marble, meta-crystalline tuffite intercalated with schist and slate ⑤Sinian.

Aiwei'ergou Group (艾维尔沟群)

②Compiling Group for Xinjiang Regional Stratigraphic Scale, 1981, Regional Stratigraphic Scale of North China: Xinjiang Uygur Autonomous Region, Beijing: Geological Publishing House ③The valley of Aiwei'ergou in the east of Tuokexun County, Xinjiang Uygur Autonomous Region ④Composed of Kalazha Formation, Qigu Formation and Tuntouhe Formation ⑤Mid-Late Jurassic.

Aizishan Shale (矮子山页岩)

②Huang T K, Yao H H, 1940, *Bull. Geol. Soc. China*, 20(3-4): 242-244 ③Aizishan Hill in Weiyuan County, Sichuan Province ④Shales ⑤Triassic to Jurassic

Akanchen Group (阿干镇群)

①Akanchen Series, geographic name Akanchen was Romanized as *Agantchjen* by the French (LSI) ②Yuan P L, 1925, *Bull. Geol. Soc. China*, 4(1): 21-28 ③Akanchen (Aganzhen) located 20 km south of Lanzhou City, Gansu Province ④Composed mostly of white, green and red sandstone about 2 000 meters thick, and intercalated with limestone ⑤Jurassic.

Akazi Volcanics (阿喀孜火山岩)

①Akazi Metamorphic Volcanics ②Deng Wanming, 2000, in *The Integrated Scientific Expedition to the Qinghai-Tibet Plateau*, Chinese Academy of Sciences, 2000, Geological Evolution of the Karakorum-Kunlun Mountains, Beijing: Science Press, 259-323 ③Akazi in Kazidaban, Xinjiang-Tibet Highway, Xinjiang Uygur Autonomous Region ④Spilite keratophyre, chlorite schist ⑤Mesoproterozoic.

Akbulak Formation (阿克不拉克组)

①Akbulak Series ②Norin E, 1935, *Geografiska Annaler*, Art. vol.17 ③Akbulak located close to Qi'ergusitao, 50 km south of Urumqi, Xinjiang Uygur Autonomous Region ④One of formations in Chirrgosstau Group, a sequence of black, dark gray, and green quartzitic hornfels, volcanics, slate, graywacke ⑤Early Carboniferous.

Akbulung Diamictite (阿克(合)布隆杂砾岩)

①Ahebulong Moraine ②Chen Huahui (chief editor), 1994, Explanation of 1:1 500 000 Scale Quaternary Geological Map of Xinjiang Uygur Autonomous Re-

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 Tinggen, 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