

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.

Alaiyi Formation (阿莱依组)

②Pei Wenzhong, Zhou Mingzhen, Zheng Jiajian, 1963, *The Cenozoic of China*: Beijing, Science Press, 10 ③Alaiyi in Tarim Basin, Xinjiang Uygur Autonomous Region ④Red sandstone, mud and limestone ⑤ Paleocene-Eocene.

Alamas Group (阿拉玛斯群)

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, 26 ③Alamas in north of the main peak of Kunlun Mountain, Xinjiang Uygur Autonomous Region ④Conglomerate, carbonite facies rocks, crystalline schist and quartzite ⑤Mesoproterozoic ⑥A group without any formations deviates the procedures of stratigraphical classification.

Alang Formation (阿浪组)

②Liu Xiang, 1978, *The Devonian of Guizhou*, in Institute of Geology and Mineral Resources, Chinese Academy of Geology ed., 1978, *Contribution to Devonian Conference of South China*, Beijing: Geological Publishing House, 128-150 ③Alang close to Guanziyao, Guizhou Province ④Marls ⑤Mid Devonian.

Alatage Formation (阿拉塔格组)

②No.4 Element of Xinjiang Regional Geological Survey Team, 1967, *Explanatory Text for 1:200 000 Scale Geological Map: Yiwu Sheet* ③Alatage located east of Kalakezile Mountain, Xinjiang Uygur Autonomous Region ④ Grayish green siltstone, sandstone, limestone, marble and volcanics ⑤Mid Devonian.

Alatagh Formation (阿拉塔格组)

①Alatagh Series (=Alatake Series) ②Norin E, 1935, *Geografiska Annaler*, vol.17, 185-196 ③Alatagh in eastern slope of Kalakezile Mountain, south of Kumishi, Tuokexun County, Xinjiang Uygur Autonomous Region ④Grayish black limestone, marble intercalated with quartz-schist, sandstone and conglomerate ⑤Mid Devonian.

Alatan'aobao Group (阿拉坦敖包群)

②Huo Fucheng, Cao Jingxuan, Dong Yansheng, Gu Qichang, Yan Zhiqiang, 1987, *Journal of Changchun College of Geology*, 17 (1) ③Alatan'aobao located north of Alxa, Ningxia Hui Autonomous Region ⑤Palaeoproterozoic.

Alatanheli Group (阿拉坦合力群)

②No.1 Inner Mongolia Regional Geological Survey Team, 1978, *Explanatory Text for 1:200 000 Scale Geological Map: (?) Sheet* ③Alatanheli, Inner Mongolia Autonomous Region ④Grayish white, gray sandstone, pebble sandstone intercalated with conglomerate ⑤Early-Mid Jurassic.