

The Present for Mongolian Meteorites

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There are 21 specimens of so-called meteorites in Mongol(Mongolian Peoples Republic) in 2006, including 2 meteorite specimens have been identified for the first time by one of the author. Authors identified as meteorite 7 specimens, other 5 are no meteorite(doubtful), one is now identify and authors can not identified other 8 specimens(Table1). Three irons, three chondrites and one achondrite have been classified in detail. Three irons included Adzhi-Bogdo II(IAB iron, 600kg), Manlai(Manlay) (ungrouped iron, 170kg) and Sargiin Gobi(IAB iron, 35kg). Four stony meteorites included Adzhi-Bogdo I (LL3-6 chondrite regolith breccia, 910g), Tugalin Bulen(H6 chondrite, 10kg), Nartiin had(L6-LL6 chondrite, 1,946g) and Jalanash(achondrite ureilite, 700g). Jalanash fell in Olgy City of Westen Mongol at Aug. 15, 1990. Those meteorites have been kept and displayed at the Natural History Museum in Ulanbaatar and other museums in local.

Specimen Olziit have been kept by some native in Mandalgovi City, it is possible man made iron after brief identification by authors. Mongon-tosh so-called iron meteorite, one of the biggest meteorites in the world for almost over 20t in weight, located in China at present after Mongol. There is some information for so-called meteorites in the native people of Mongol especially Gobi Desert Area.

Table 1 : Meteorites from Mongolia (Mongolian People's Republic) at 2006.

No.	Meteorite Name	Type	Weight	Fall(Found)	1	2	3	4	5
1.	Adzhi-Bogdo II	Iron (IAB)	582 kg	(mid 19c)	○	○	○	○	○
2.	Adzhi-Bogdo I	LL3-6(regolith br.)	~910 g	1949/10/30	○	○	○	○	○
3.	Alaschan	Doubtful					x		○
4.	Jalanash	Ureilite	~700 g	1990/8/15	○	○			
5.	Kerulensky(Kherle)	Doubtful (glass)	27.78k g	1950/3/21	x		x	x	○
6.	Khenteisky	Stone	402.1 g +	1952/6/10		○	○	x	○
7.	Manlai(Manlay)	Iron (UNGR)	166.8 kg	(1954)	○	○	○	○	○
8.	Matađ	Stone	189.5 g	(1958)		○	○	x	○
9.	Noyan-Bogdo I	L6 (Doubtful)	220 g	1933/9/25	x	○	○	x	○
10.	Noyan-Bogdo II	L6	420 g	1957				○	
11.	Sargiin Gobi	Iron (IAB)	35 kg	(1964.8.8)	○	○		○	○
12.	Tamir-Tsetserleg	Stone	173 kg	(1956.8.27)		○	○?		○
13.	Tugalin-Bulen	H6	~10 kg	1967/2/13	○	○	○	○	○
14.	Khan Khögshin	Iron (Doubtful)	500 g	1957	x			x	○
15.	Nartiin had	L6-LL6	1,946 g	(2003.10.8)	○				
16.	Tengeriin Dush	Iron (Doubtful)	~10 kg		x				
17.	(Saynshand)	Stone (Conglomer.)	~3 kg		x				
18.	Noyon-uul	Stone						x	○
19.	Möngön-tash	Iron	~20 t						○
20.	Olziit	Iron	1,170.3g		?				
21.	(Bayan Ovoo)	Iron	~46 kg						

1: Yanai et al.(2005). 2: Grady(2000). 3:Graham et al.(1985). 4: Biscoff et al.(1996). 5: Namnandorj(1980)
 Meteorite(○), Doubtful(x), () Tentative Name.