THE METEORITICAL BULLETIN

THE PERMANENT COMMISSION ON METEORITES OF THE INTERNATIONAL GEOLOGICAL CONGRESS

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LARGE BOLIDES SEEN IN USSR IN 1958

A great number of bright bolides were seen over the territory of the USSR in 1958. An especially large and bright bolide was seen at 20 hrs. 41 min., 4th belt time, on April 8, and although no meteorites have been found, some must have fallen. The bolide was seen for 2 to 3 sec flying in a south-eastern direction and it cast a bright blue light over the area. It was observed in Sverdlovsk, Tyumen', Kurgan, Chelyabinsk and Perm' regions. Many eyewitnesses heard a cracking sound at the time of the bolide's flight. The sound could also be heard indoors. Interference was noted in the reception of TV and radio broddasts. Two to three minutes after the disappearance of the bolide thunder claps were heard and in some places buildings shook.

Source: Report submitted to the Committee on Meteorites of the USSR Academy of Sciences by I.A.Yudin (Sverdlovsk).

LIST No. 5

METEORITES NOT INCLUDED IN THE PRIOR-HEY CATALOGUE OF METEORITES 1953.

1. PALINCH'I: Palinch'i, Mongolia, $\varphi = 43^{\circ}.6$ N; $\lambda = 118^{\circ}.5$ E.

Fell, 1914, July.

Iron; octahedrite.
1 specimen; size: 20 x 18 x 10 cm; weigh : 18 kg.
Literature: 1. China Mining Journal No.61, 1924.
2. Tenmon Soho, v.5, No.11, 89, 1951.
3. Sci. Reports of Yokohama Nat. Univ., Sec.II, No.1, 104,1952.
4. Meteoric Stone and Meteoric Iron, v.I,No.5, 37,1954.

2. S H O H A K U. Heian-gun, Heian-nan-do, Korea; φ =40°19'N; λ = 126° 55' E.

2889-A

Found, before 1939.
Iron; octahedrite medium.
1 specimen; size: 4,0 x 3.6 x 2.7 cm; weigh : 101 gr.
The meteorite is preserved by S.Kanda (Japan).
Literature: 1. Astronomical Herald, v.31, No.12, 217,1938.
2. Tenmon Soho, v.5, No.10, 81, 1951.
3. Sci. Reports of Yokohama Nat.Univ.,Sec.II, No.1,104, 1952.

S o u r c e: A letter written by Dr. S.Kanda to E.L.Krinov dated October 27, 1958.

L I S T No. 1

METEORITES WHICH MUST BE DELETED FROM THE PRIOR-HEY CATALOGUE OF METEORITES, 1953.

1. Page 415, Z I N D O O. Keishohokudo, Korea; φ = 36.0°N; λ = 128.7°E.
Fell 1930, March 17,
Stone, chondrite.

(This meteorite has been entered in the catalogue twice; see Gyokukei meteorite, p.144).

2. Page 148, H A T A Y A, Semboku, Akita, Honshu, Japan;
φ = 39.5°N; λ = 140.2°E.

Found 1920, September.

Chondrite.

(This meteorite has been entered in the catalogue twice; see the Siruiwa meteorite, p.351; corrected name should read Shiraiwa).

S o u r c e: A letter written by Dr. S.Kanada to L.L.Krinov dated October 27, 1958.

B. L. K r i n o v,

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