THE METEORITICAL BULLETIN

THE PERMANENT COMMISSION ON METEORITES OF THE INTERNATIONAL GEOLOGICAL CONGRESS

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THE LIST No. 4

OF THE METEORITES WHICH ARE NOT INCLUDED IN THE CATALOGUE OF METEORITES OF PRIOR-HEY, 1953 (chronological order)

1. " D A N T U " +/ Anhoi Province, China.

   Fell 1933, October 23, about 19^h local time (11^h Greenwich time).

   Stone.

   Meteoritic shower. Only some of small fragments were conserved. They are preserved in the Academie of Sciences of China (Pekin).

   The meteorite fall has been accompanied with a strong thunder.

   S o u r c e: A report of the Akademie of Sciences of China by a paper of Chen-Dzun-Way "The Meteoritic shower on December 23 last year", Journal "The World", vol.4, p.97, 1934.

2. "M I N' - F A N' - Z H U N'" Wan - Fu - Syan Volost, Dzugao District, Zsyansu Province, China.

   Fell 1952, April 1, later than 20^h local time (later than 12^h Greenwich time).

   Stone.

   One individual specimen by weight 5 kg.

   S o u r c e: A report of the Akademie of Sciences of China.

+) Here and further inverted commas signify a preliminary name of meteorites.

3. M E D A N I T O S. Dept. Tinogasta, Province Catamarca, Argentina. φ = 27°15' S; λ = 67°30' W.
Fell 1953, July 14, 14^h.
Stone, eucrite.
Two individual specimens by weight 25 and 6 gr.
The meteorite fall was happened in a day with a bright sun, without clouds. The bolide flew horisontally from south to north and leaved a white smouke-train that became of a zigzag shape. It was heard a sound like a thunder. Both specimens are preeserved in the Vatican collection of meteorites.
S o u r c e: E. W. Spelpeter S.J. The Vatican Collection of Meteorites.1957, Specola Vaticana.

4. I S H I N G A. About 2-3 km western of Ishinga, Tanganyika, φ = 8° 56' S; λ = 33° 48' E.
Fell 1954, October 8, about 15^h local time.
Stone, chondrite.
One specimen by weight about 2 kg.
The fall of meteorite was accompanied with a whistling noise. The stone buried itself to a depth of about 30 cm. It has a black crust except on one surface. The main mass by weight 1019 g are preserved at St. Joseph's Middle School, Nzovwe, near Mbeya, Tanganyika. The fragment by weight 127. g preserved at Geological Servey Tanganyika, Dodoma.
S o u r c e: A report prof. W. Campbell Smith in a letter to E.L.Krinov on August 29, 1958 (by a paper of J.R.Harpum in Records Geol.Surv.Tanganyika Terr. for 1957).

5. "S I N N A I" In peripherie of Sinnai, Cagliari, Sardinia, Italy.
Fell: February,19, 1956, in the early morning.
Stone; Chondrite.

1 individual specimen, presumably weight about 2 kg. It is known about 5 pieces by weight 405 g, 355 g, 330 g, 245 g and 140 g. The bolide flew from north. The meteorite penetrated through the roof and the floor of one hut and buried intself to a depth of 25 cm. The meteorite break up into 7 fragments after the shock.

The meteorite was investigated morphologically, mineralogically, chemically and radiographically.

4 fragments of total weight 1230 g are preserved at Mineralogical Institute, Cagliari.

S o u r c e: V.Rossetti e R.Sitzia. "Meteorite di Sinnai (Cayliari)". Periodico di Mineralogia. Anno XXVII, No.1, 179-206, 1958; Roma.

6. U F A N A. Near Ufana, Tanganyika, φ = 4° 16' S; λ = 35°21'E. Fall 1957, August 5, about 18^h20^m local time.

Stony- iron; mesosiderite.

Two fragments of one individual specimen by weight 101.1 and 88.1 g.

It was observed the bolide and a sounds were heard at a radius of some 130 km.

S o u r c e: A report prof. W.Campbell Smith in a letter to E.L.Krinov on August 29,1958(by a paper of J.R.Harpum in Records Geol.Surv. Tanganyika Terr. for 1957).

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