

MET.01

Pultusk

52°46' N., 21°16' E.

Warsaw, Poland

Fell 1868, January 30, 1900 hrs

Synonym(s): *Gostkowo, La Spezia, Lerici, Nossi-Bé, Nosy Bé, Obritti, Ostrolenka, Spezia, Varsava, Warsaw, Warschau, Warshaw*

Stone. Olivine-bronzite chondrite (H5), veined, brecciated.

After the appearance of a fireball followed by detonations, a shower of stones fell over an area of several square miles between Pultusk and Ostrolenka on the Narew. The weights of individuals range from 9kg to about a gram, a few were of 4kg and over, 200 of 1kg and over; more than 200kg

are preserved in collections, K. Szymanski, Neues Jahrb. Min., 1868, p.326, G. vom Rath, Neues Jahrb. Min., 1869, p.80, W. von Haidinger, Sitzungsber. Akad. Wiss. Wien, Math.-naturwiss. Kl., 1868, 57, p.405. Analysis, 27.19 % total iron, M.I. D'yakonova and V.Ya. Kharitonova, Метеоритика, 1961, 21, p.52. Co-ordinates, estimated 2000kg fell, total number of fragments having been about 180000, B. Lang and M. Kowalski, Meteoritics, 1971, 6, p.149. Xenolithic, olivine Fa_{18.5}, R.A. Binns, Geochimica et Cosmochimica Acta, 1968, 32, p.299. Further analysis, 27.24 % total iron, H. von Michaelis et al., Earth planet. Sci. Lett., 1969, 5, p.387.

27.98kg Paris, Mus. d'Hist. Nat.; 18.9kg Bonn, Univ.; 15.8kg Vienna, Naturhist. Mus.; 16kg Moscow, Acad. Sci.; 13kg Chicago, Field Mus. Nat. Hist.; 10.9kg Berlin, Humboldt Univ.; 4.9kg Stockholm, Riksmus; 4.8kg Cracow, Jagellonian Univ.; 4.4kg Budapest, Nat. Mus.; 1.5kg Tempe, Arizona State Univ.; 1.18kg Harvard Univ.; 900g Prague, Nat. Mus.; 714g Copenhagen, Univ. Geol. Mus.;

Specimen(s): [42424], 9095g. complete stone; [41676], 3545 complete stone; [41677], 845g. complete stone; [42296], 538g.; [42297], 425g.; [42298], 280.5g.; [41680], 207g. and fragments, 8g; [42301], 158g.; [42302], 145g.; [41679], 139.5g. complete stone; [42309], 111.5g.; [42305], 108g.; [42307], 92g. and fragments, 3g; [42304], 82.5g.; [42310], 76g.; [42311], 74.5g.; [42313 - 42329, 42331 - 42339], 948g. 26 stones from 11g to 64g in weight; [41681 - 41692], 240g. 12 small stones; [64524], 12.5g. two stones; [1927,1289], 121g. and fragments and powder, 23g; [1923,349], 15g.; [90249], 140g.; [1960,493], 30g.; [1964,706], 13.5g.; [85832], 8g. probably Pu±tusk; [1922,298], 132g. from Nossi Be, probably Pu±tusk; [96275], thin section; [1964,570], thin section

Expo 1986

MET.001

I.G. 2650

R.A. 2817

Loc : Pultusk, Varsovie, Pologne (30.1.1868)

Nat : chondrite à bronzite (L.M. 155) (Dia 427)

Poids : 792,9 g

Entrée rép. 1868 (don consul Epstein) 27.5.1868

Rem : la localité est aussi écrite "Sielce"

Dét : Prior, 1923