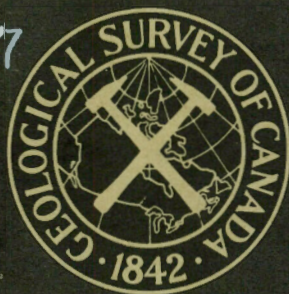


63-37



GEOLOGICAL
SURVEY
OF
CANADA

DEPARTMENT OF MINES
AND TECHNICAL SURVEYS

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PAPER 63-37

CATALOGUE OF THE
CANADIAN NATIONAL METEORITE
COLLECTION LISTING ACQUISITIONS
TO MARCH 31, 1963

by

K. R. Dawson

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INTRODUCTION

The catalogue of the Canadian National Meteorite Collection was compiled as a result of the recent resurgence of interest in meteorites. This has been created by outer space research and the development of instruments having new capabilities for analyzing such materials. The collection, which had its beginnings late in the 19th century, has grown to a total of 250 falls. These include 21 of the 26 known Canadian meteorite falls. Weights of individual meteorite falls range from 150 kg (350 lbs.) to a fraction of a gram. The acquisition of new falls has increased recently because of the availability of the Abee enstatite chondrite for exchange purposes.

The catalogue is organized alphabetically on the basis of the accepted geographically derived names of the falls beginning with the Abee, Alberta chondrite and ending with the Zavid, Yugoslavian chondrite. The tektite holdings are listed separately at the end. The individual falls are described in the following manner: geographical locations, time of fall or recovery, class, weight and form of specimen in the collection, and a selected reference. Every effort was made to provide complete and accurate reference, but, a few of the older references could not be verified.

Grateful acknowledgment is made of the valuable assistance provided by Drs. P. Millman and Brian Mason. Geographical sources and other pertinent information was obtained from their publications and from those of H. Brown, G. Kullerud, and W. Nichiporuk and M. Hey.

SELECTED BIBLIOGRAPHY

Brown, H., Kullerud, G., and Nichiporuk, W.

1953 A Bibliography on Meteorites. The University of Chicago Press.

Mason, Brian.

1962 Meteorites, John Wiley and Sons, New York.

Millman, P.M.

1953 Canadian Meteorites. Journ. Roy. Astron. Soc. Canada, vol. 47, nos. 1, 2, pp. 29-33, 92-94, 162-165.

Prior, G.T., and Hey, M.

1953 Catalogue of Meteorites. Brit. Mus. Nat. Hist.

ABEE, Alberta, Canada.

54°13'N., 113°00'W.

Fell - June 10, 1952

Stone - black polymict breccia, enstatite chondrite

Main mass 107,000 gms.

Dawson, K.R., and Maxwell, J.A.

1960 The meteorite which fell near Abee, Alberta;
Geochim. et Cosmochim. Acta, vol. 21, pp. 127-144.

ACHILLES, Rawlins County, Kansas.

36°46'36"N., 100°48'48"W.

Found - 1924

Stone - olivine bronzite chondrite

Slice - 4 x 4.5 x 0.8 cm. 30 gms.

Stockwell, H.O., and Morley, R.A.

1951 The Achilles, Rawlins County, Kansas, Chondrite;
Pop. Astron., Northfield, Minnesota, vol. 59, p. 429.

ADMIRE, Osage City, Lyon County, Kansas. 38.7°N., 96.1°W.

Found - 1881
Stony iron - brecciated pallasite
Fragments 270 gms.

Merrill, G.P.

1902 A newly found meteorite from Admire, Lyon
County, Kansas; U.S., Proc. Natl. Mus.
vol. 24, pp. 907-913, No. 1273.

AGEN, Lot et Garonne, France. 44°13'N., 0°37'E.

Fall - 5-9-1814 - noon
Stone - veined intermediate chondrite.
Fragment 24 gms.

Saint-Amans, H.F.B.de.

1814 Details sur une chute d'Aerolithes aux
environs d'Agen; Biblio. brit. vol. 57,
pp. 80-83, 194-198.

AHUMADA, Chihuahua State, Mexico. 30.7°N., 105.5°W.

Found - 1909
Stone - pallasite
Polished slice - 9.6 x 7 x 0.9 cm. 277 gms.

Farrington, O.C.

1914 New Meteorites; Field Mus. Nat. Hist.,
Geol. Ser. 5, pp. 1-14.

ALAIS, Gard, France. 44°7'N., 4°05'E.

Fell - 15-3-1805 - 5 p.m.
Stone - carbonaceous chondrite.
Fragments 3 gms.

Pages, L.A., and Dhombres-Firmas.

1806 Relation de la chute de deux aerolithes; J. Phy.
chem. d'hist. nat., vol. 62, pp. 440-442.

ALBARETO, Modena Province, Italy. 44.6°N., 10.9°E.

Fell - middle of July - 1766 - 5 p.m.
Synonym - Modena
Stone - spherical hypersthene chondrite
Fragment - 1.4 x 1 x 1 cm. 2 gms.

Troili, D.
1766 Ragiomento Dell Cadua di un Sasso
Dall'Aria; Book, Modena.

ALFIANELLO, Brescia, Italy. 45.5°N., 10.5°E.

Fell - 16-2-1883 - 3 p.m.
Synonyms - Brescia, Cremona.
Stone - intermediate hypersthene chondrite.
Fragment - 4.6 x 4.6 x 2.5 cm. 135 gms.

Bombici, L.
1883 Reale Academie dei Lincei 1882-1883, p. 11,
Meteorites du Cabinet de Mineralogie de la
Royal Universite; Book, Bologne, Italy.

ALGOMA, Kewaunee County, Wisconsin. 44°39'N., 87°28'W.

Found - 1887
Iron - medium octahedrite
Fragment 7 gms.

Hobbs, W.H.
1903 Meteorite from Algoma, Wisconsin,
G.S.A. Bull. 15, p. 97.

ALLEGAN, Allegan County, Michigan. 42°32'N., 85°53'W.

Fell - 10-7-1899 - 8 a.m.
Stone - spherical bronzite chondrite
Fragment - 5 x 2.4 x 2 cm. 42 gms.

Ward, H.L.
1899 Notice of a naerolite that fell recently at
Allegan, Michigan; Am. Jour. Sci., vol. 4,
no. 8, pp. 412-414.

ANNAHEIM, Saskatchewan, Canada. 52°21'N., 104°52'W.

Found - 1916
Iron - coarse octahedrite.
End piece - 1.5 x 10 x 7.5 cm. 3,178 gms.
Main mass - 28 x 18 x 9 cm. 9,886 gms.
Polished slice - 24 gms.

Johnston, R.A.A., and Ellsworth, H.V.
1921 The Annaheim Meteorite; Trans. Roy. Soc.,
Canada, ser. 3, sect. 4, vol. 15, pp. 69-92.

ARISPE, Sonora State, Mexico. 30°20'N., 105°59'W.

Found - 1898
Iron - coarse octahedrite
Slice - 8.5 x 5.5 x 0.5 cm. 115 gms.
Polished, etched slice - 5.5 x 5.5 x 1 cm. 181 gms.

Ward, H.A.
1902 Description of four meteorites (Andover,
Cuernavaca, Arispe, Bald Eagle); Proc.
Rochester Acad. Sci., vol. 4, pp. 79-86.

ARLINGTON, Sibley County, Minnesota. 44.6°N., 94.1°W.

Found - 1894
Iron - medium octahedrite
Slice, polished - 1.7 x 1.5 x 0.6 cm. 14 gms.

Winchell, N.H.
1896 The Arlington iron, Minnesota; Am. Geologist,
vol. 18, No. 2, pp. 267-271.

ASSISSI, Perugia Province, Italy. 43°04'N., 12°37'E.

Fell - 24-5-1866 - 7 a.m.
Stone - spherical chondrite
Fragments 3 gms.

Bellucci, G.
1887 Il meteorite di Assissi Perugia, Pamphlet, 8 pp.

- AUGUSTINOVKA, Ekaterinoslav, Russia. 48°04'N., 35°05'E.
- Found - 1890
Iron - oxidized to limonitic shale
Fragment - 4 x 3 x 1.2 cm. 68 gms.
Polished slice - 5 x 1.4 x 0.4 cm. 21 gms.
- Alexejev, V.F.
1893 Soobshcheniye o meteorite iz derevni
 Augustinovki. Zapiski Imp. St. Petersburg.
 mineral. obshch (2). vol. 30, p. 475.
- AUSSON, Haute Garonne, France. 43°05'N., 0°35'E.
- Fell - 9-12-1858 - 7:30 a.m.
Stone - spherical hypersthene chondrite
Fragment - 3 x 1.3 x 0.5 cm. 8 gms.
- Petit, F.
1858 Sur l'aerolithe du 9. decembre; Comptes
 Rendus t. 47, pp. 1053-1055.
- BACUBIRITO, Sinoloa State, Mexico. 26°12'N., 107°50'W.
- Found - 1871
Iron - fine octahedrite
Polished slice - 3 x 2 x 0.2 cm. 11 gms.
Irregular fragment - 125 gms.
- Ward, H.A.
1902 Bacubirito or the great meteorite of Sinola,
 Mexico; Proc. Rochester Acad. Sci., vol. 4,
 pp. 67-74.
- BALLINOO, Murchison River, West Australia. 27.5°S., 115.75°E.
- Found - 1892
Iron - fine octahedrite
Polished slice - 3.8 x 2.2 x 0.4 cm. 31 gms.
- Ward, H.A.
1898 Four new Australian meteorites; Am. Jour. Sci.,
 ser. 4, pp. 135-140, vol. 5.

BARBOTAN, Landes, France. 43°37'N., 0°03'W.

Fell - 24-7-1790 - 9 p.m.
Stone - veined grey chondrite
Fragments 1 gm.

Bertholon.
1790 Jour. Sci. utiles, Nr. 23 and 24, p. 305.

BARRANCA BLANCA, Atacama Desert, Chile. 28°05'S., 69°20'W.

Found - 1855
Iron - brecciated octahedrite
Polished slice - 2 x 1.5 x 0.5 cm. 10 gms.

Fletcher, L.
1899 On the meteorites which have been found in the
desert of Atacama and its neighbourhood; Min.
Mag., vol. 8, pp. 223-264.

BARRATA, Deniliquin, New South Wales, 35°18'S., 144°34'E.
Australia.

Found - 1845
Stone - hypersthene chondrite
Sawn block - 8 x 6.5 x 4 cm. 460 gms.

Hodge-Smith, T.
1939 Australian Meteorites; Austr. Mus. Mem.,
no. 7, pp. 12, 30.

BEAR CREEK, Jefferson County, Colorado. 39.6°N., 105.3°W.

Found - 1866
Iron - fine octahedrite
Fragments 8 gms.

Shephard, C.U. and Henry.
1866 Brief notices of several localities of
meteoric iron (Virginia); Am. Jour. Sci. ser. 2,
vol. 42, pp. 250-251.

BEAVER CREEK, British Columbia, Canada. 49°10'N., 117°27'W.

Fell - 26-5-1893 - 3:30 p.m.

Stone - crystalline, spherical bronzite chondrite.

Fragment - 4 x 4 x 3 cm.

73 gms.

Fragment - 4 x 3.5 x 2 cm.

57 gms.

Howell, E.E.

1893 Beaver Creek Meteorite; Sci., vol. 22, p. 41.

BELLA ROCA, State of Durango, Mexico. 24.9°N., 105.4°W.

Found - 1888

Iron - fine octahedrite

Polished slice - 16 x 6 x 0.6 cm.

431 gms.

Whitfield, J.E.

1889 A new meteorite from Mexico; Am. Jour. Sci.,
ser. 3, vol. 37, pp. 439-440.

BELLY RIVER, Alberta, Canada. 49°30'N., 113°W.

Found - 1952

Stone -

Thick slice - 15 x 12 x 6 cm.

17,300 gms.

La Paz, L.

1953 Preliminary note on the Belly River, Alberta,
Canada aerolite; Meteoritics, vol. 1, no. 1,
pp. 106-108.

BENDEGO, Bahia Province, Brazil. 10°7.5'S., 39°12'W.

Found - 1784

Iron - coarse octahedrite

Polished slice - 4.5 x 3 x 0.5 cm.

45 gms.

Mornay, A.F.

1816 An account of the discovery of a mass of native
iron in Brazil; Phil. Trans. R.S. London,
vol. 106, pp. 270-280.

BENTON, New Brunswick, Canada. 45°57'N., 67°37'W.

Fell - 16-1-1949 - 20.00 hrs.

Stone - grey chondrite

Fragmented individual

1,340 gms.

Nininger, H.H., and Nininger, A.D.

1950 The Nininger Collection of Meteorites,
Winslow, Arizona, p. 33.

BETHLEHEM, Albany County, New York. 42°32'N., 73°50'W.

Fell - 11-8-1859

Stone - crystalline spherical chondrite

Fragment

1 gm.

Shephard, C.U.

1859 The Meteor of August 11, 1859; Am. Jour. Sci.,
ser. 2, vol. 28, pp. 300-303.

BISCHTUBE, Turgai Province, Siberia. 51°57'N., 62°12'E.

Found - 1888

Iron - coarse octahedrite

Polished slice - 3.7 x 1.2 x 1.9 cm.

28 gms.

Kislakovsky, E.D.

1890 Über den meteoriten von Turgaisk; Bull. soc.
imp. natural. Moscou; vol. 4 (66), No. 2,
pp. 187-199.

BISHOPVILLE, Lee County, South Carolina. 34°10'N., 80°17'W.

Fell - 25-3-1843

Stone - enstatite chondrite

Fragments

2 gms.

Shephard, C.U.

1846 Report on meteorites; Am. Jour. Sci., Ser. 2,
vol. 2, pp. 377-392.

BITBURG, Albacher Muehle, Rhenish Prussia. 49°58', 6°32'E.

Found - 1802
Stony-iron - pallasite
Polished slice - 2.8 x 2.2 x 0.8 cm. 26 gms.

Gibbs, C.

1814 Observations on the mass of iron from
Louisiana; (Bruce's Amer. Min. Jour.,
vol. 1, pp. 218-221).

BJURBÖLE, Borgå, Finland. 60.4°N., 25.8°E.

Fell - 12-3-1899
Stone - spherical hypersthene chondrite
Fragment - 3.5 x 2.5 x 1.5 cm. 40 gms.

Ramsay, W., and Borgstrom, L.H.

1902 Der meteorit von Bjurböle bei Borgå;
Bull. comm. geol. Finlande, No. 12, 28 pp.

BLITHFIELD, Renfrew County, Ontario. 45.5°N., 77°W.

Found - 13-8-1910
Stone - enstatite chondrite
Fragment 630 gms.
4 small fragments 202 gms.

Johnston, R.A.A., and Connor, M.F.

1922 The Blithfield meteorite; Trans. Roy.
Soc., Canada, vol. 16, ser. 4, pp. 187-193.

BLUFF, Fayette County, Texas. 29.9°N., 96.8°W.

Found - 1878
Stone - brecciated, crystalline chondrite
Fragment with polished face - 4.5 x 2.7 x 1 cm. 44 gms.
Fragment - 3.5 x 7 x 2 cm. 73 gms.

Whitefield, J.E., and Merrill, G.P.

1888 The Fayette County, Texas, meteorite; Am.
Jour. Sci., ser. 3, vol. 36, pp. 113-119.

BONITA SPRINGS, Lee County, Florida. 26°16'N., 81°45'W.

Found - 1938

Stone - bronzite olivine chondrite

Polished slice - 8 x 7 x 1 cm. 79 gms.

Krinov, E.L.

1957 Met. Bull. Internat. Geol. Kongr. 5,
 Sept. 1957.

BONDOC, Lauzon, Phillipine Islands. 12°20'N., 122°52'E.

Found - 1957 - recognized 1959

Stone - achondrite

Plate - 5.5 x 4.4 x 3.5 cm. 113 gms.

Plate - 7 x 5.5 x 1 cm. 71 gms.

Moore, C.B.

1963 The Ninninger Meteorite Collection Catalog;
 Supplement No. 3, Feb. 1963.

BRENHAM, Kiowa County, Kansas. 37°38'N., 99°05'W.

Found - 1882

Stony iron - pallasite

Fragments 157 gms.

Polished slice - 7.3 x 5.2 x 1 cm. 118 gms.

Kunz, G.F.

1890 On a group of meteorites found in Brenham
 township, Kiowa County, Kansas; Sci.,
 vol. 15, pp. 359-362.

BRIDGEWATER, Burke County, North Carolina. 35°43'N., 81°52'W.

Found - 1890

Iron - fine octahedrite

Polished slice - 5.3 x 2.4 x 0.4 cm. 42 gms.

Kunz, G.F.

1890 On five new American meteorites; Am. Jour.
 Sci., ser. 3, vol. 40, pp. 312-322.

BRUNO, Saskatchewan, Canada. 52°16'N., 105°21'W.

Found - 1931
Iron - hexahedrite
Plate - 6.3 x 4.4 x 1.3 cm. 93 gms.

Nininger, H.H.
1936 The Bruno Meteorite; Am. Jour. Sci.,
ser. 5, vol. 31, pp. 209-222.

BRUDERHEIM, Alberta, Canada. 53°54'N., 112°53'W.

Fell - 4-3-60 - 1:06 M.S.T.
Stone - bronzite olivine chondrite
Individual 2,672 gms.
" 2,155 "
" 1,275 "
" 669 "
" 441 "
" 277 "
" 30,700 "
6 small individuals 104 "
Miscellaneous fragments

Folinsbee, R.A., and Bayrock, L.A.
1960 The Bruderheim Meteorite - Fall and Recovery;
Roy. Astron. Soc., Canada, vol. 55, no. 5,
pp. 218-228.

CABEZZO DE MAYO, Murcia, Spain. 37°59'N., 1°10'E.

Fell - 18-8-1870 - 6:15 p.m.
Stone - white chondrite
Fragment 5 gms.

Juan de Velasco
1870 El Tiempo, Nr. 247, Oct. 20, 1870.

CALLIHAM, McMullen County, Texas. 28°25'N., 98°15'W.

Found - 1958
Stone - olivine hypersthene chondrite
Polished slice - 14 x 4.5 x 0.5 cm. 145 gms.

Mason, B.
1962 Meteorites; p. 242, John Wiley and Sons.

CAMBRIA, Niagara County, New York. 43.2°N., 78.8°W.

Found - 1818
Iron - fine octahedrite
Polished slice - 2.8 x 2.8 x 0.5 cm. 34 gms.

Silliman, B.

1845 Notice of a mass of meteoric iron found at
Cambria, near Lockport, in the State of New
York; Am. Jour. Sci., ser. 1, vol. 48,
pp. 388-392.

CANON DIABLO, Coconino County, Arizona. 111°02'N., 35°03'W.

Found - 1891
Iron - broad octahedrite
Fragment with polished face 136 gms.
Individual - 15 x 9 x 6 cm. 2,000 gms.
Oxidized meteoric iron - 8 x 7 x 3.5 cm. 373 gms.
Fragment with polished face - 3.7 x 3.7 x 3 cm. 141 gms.

Foote, A.E.

1891 A new locality for meteoric iron with a
preliminary notice of the discovery of
diamonds in the iron. Proc. Am. Assoc.
Advance. Sci., vol. 40, pp. 279-283.

CAPE GIRARDEAU, Cape Girardeau County, Missouri 37°16'N., 89°35'W.

Fell - 14-8-1864 - 3 p.m.
Stone - spherical bronzite chondrite
Fragment - 2 x 1.7 x 1.2 cm. 11 gms.

Dana, E.S., and Penfield, S.L.

1886 On two hitherto undescribed meteoritic
stones; Am. Jour. Sci., ser. 3, vol. 32,
pp. 229-230.

CAPE OF GOOD HOPE, Cape Colony, South Africa. 33.5°S., 26°E.

Found - 1793
Iron - nickel-rich ataxite
Polished slice - 5 x 2.5 x 0.4 cm. 36 gms.

Barrow, J.

1801 An account of travels into the interior of
Southern Africa in the years 1797 and 1798;
Book, 2 vols., vol. 1, p. 226.

CAPE YORK, West Greenland.

76°N., 67°W.

Found - 1818
Iron - medium octahedrite
Borings cut with drill

Ross, J.
1819 Voyage of Discovery in Baffin's Bay; London,
pp. 102-118.

CARLTON, Hamilton County, Texas.

31°55'N., 98°02'W.

Found - 1887
Iron - fine octahedrite
Polished slice - 2 x 1.6 x 0.3 cm. 10 gms.

Howell, E. E.
1890 Description of new meteorites; Proc.
Rochester Acad. Sci., vol. 1, pp. 87-89.

CARTHAGE, Smith County, Tennessee.

36°16'N., 85°59'W.

Found - 1840
Iron - medium octahedrite
Polished fragment - 3 x 1.6 x 0.3 cm. 10 gms.

Troost, F.
1846 Description of three types of meteoric iron
1. From near Carthage, Smith County, Tennessee;
2. From Jackson County, Tennessee;
3. From near Smithland, Livingston County,
Kentucky. Am. Jour. Sci., ser. 2, vol. 2,
pp. 356-358.

CASAS GRANDES, Chihuahua State, Mexico.

30°04'N., 107°08'W.

Found - 1867
Iron - medium octahedrite
Etched slice - 14 x 11 x 0.5 cm. 475 gms.
Etched slice - 4 x 4 x 1 cm. 126 gms.

Tassin, W.
1902 The Casas Grandes meteorite; Proc. U.S.
Nat'l. Museum, vol. 25, pp. 67-74.

CASEY COUNTY, Casey County, Kentucky. 37.25°N., 85°W.

Found - 1877

Iron - coarse octahedrite

Polished slice - 3 x 1.5 x 0.2 cm. 6 gms.

Smith, J.L.

1877 Two new meteoric irons; Am. Jour. Sci.,
ser. 3, vol. 14, p. 246.

CASTALIA, Nash County, North Carolina. 36°05'N., 78°04'W.

Fell - 14-5-1874 - 2:30 p.m.

Stone - brecciated grey chondrite

Polished slice - 3.8 x 2.6 x 0.8 cm. 24 gms.

Kerr, W.C.

1875 Meteorites (Rockingham meteorite and Nash
County meteorite). Rept. Geol. Surv. N.C.,
vol. 1, pp. 313-315.

CHAMBORD, Lac Ste. Jean County, Quebec. 48°26'N., 72°03'W.

Found - 1904

Iron - medium octahedrite

Fragment with polished face 6,350 gms.

Fragment with polished face 114 gms.

Johnston, R.A.A.

1906 The Chambord Meteorite; Naturalist,
Ottawa, vol. 20, no. 3, p. 51.

CHANTONNAY, Department of Vendee, France. 46°41'N., 1°03'W.

Fell - 5-8-1812 - 2 p.m.

Stone - brecciated grey chondrite

Fragments 2 gms.

Chladni, E.F.F.

1819 Vierte Fortsetzung des Verzeichnisses der
vom Himmel gefallenen Massen; nebst
Bemerkungen über einige schon bekannte;
und Beiträge zur Geschichte hierher gehörender
Meteore; Ann. Physik., vol. 60, pp. 238-254.

CHARCAS, San Luis, Potosi, Mexico. 23°05'N., 101°01'W.

Found - 1814
Iron - medium octahedrite
Polished fragment 4 gms.

Sonneschmid, F. T.
1804 Mineralof. Beschreibung der vorzeughchsten
Bergwerks-Riviere in Mexico oder Neuspanien;
pp. 288.

CHARLOTTE, Dickson County, Tennessee. 36°10'N., 87°20'W.

Fell - 1-8-1835 - 2-3 p.m.
Iron - fine octahedrite
Polished slice - 3.3 x 2 x 0.4 cm. 18 gms.

Troost, G.
1845 Description of a mass of meteoric iron, which
fell near Charlotte, Dickson County, Tennessee
in 1835; Am Jour. Sci., ser. 1, vol. 49, pp. 337-340.

CHARSONVILLE, Loiret, France. 47°56'N., 1°34'E.

Fell - 23-11-1810 - 1:30 p.m.
Stone - veined grey chondrite
Fragment - 3.5 x 1.5 x 0.6 cm. 7 gms.

Moniteur
1810 Dec. 1810, in extract in Bibl. Brit., vol. 45,
Nr. 360, pp. 397-400.

CHASSIGNY, Langres, France. 47°43'N., 5°22'E.

Fell - 3-10-1815 - 8 a.m.
Stone - achondrite
Fragments 5 gms.

Pisvollet,
1816 De la chute d'une pierre meteoritique tombees
dans les environs de Langres; Ann. Chim. et
phy., vol. 1, pp. 45-48.

CLEVELAND, Bradley County, Tennessee. 35°10'N., 84°53'W.

Found - 1860

Synonym - Lea iron

Iron - medium octahedrite

Polished slice - 4.5 x 2.8 x 0.5 cm. 52 gms.

Shephard, C. U.

1866 Brief notices of several localities of
 meteoric iron (Virginia): Am. Jour. Sci.,
 ser. 2, vol. 42, pp. 249-251.

COAHUILA, Coahuila State, Mexico. 28°42'N., 102°44'W.

Found - 1837

Synonyms - Butcher Iron, Santa Rosa Saltillo,
 Couch Iron, Fort Duncan

Iron - normal hexahedrite

Polished slice - 4.9 x 3.2 x 0.2 cm. 31 gms.

" " - 3 x 1.5 x 0.4 cm. 15 "

" " - 6.5 x 4 x 0.2 cm. 36 "

" " - 6.5 x 4 x 0.2 cm. 28 "

Smith, J. L.

1855 Memoir on meteorites; Am. Jour. Sci., ser. 2,
 vol. 19, pp. 160-161.

COBIJA, Antofagasta, Chile. 22°34'S., 70°15'W.

Found - 1892

Synonym - Lampa

Stone - crystalline bronzite chondrite

Fragment with polished face 10 gms.

Farrington, O. C.

1907 Field Columbian Mus. Chicago; pub. 122,
 Geol. ser., vol. 3, no. 6, p. 115.

COLBY, Clark County, Wisconsin. 44°54'N., 90°17'W.

Fell - 4-7-1917 - 18:30 hrs.

Stone - veined olivine hypersthene chondrite

6 fragments

592 gms.

Merrill, G.P.

1925 Notes on the Meteoric stone of Colby,
Wisconsin; Proc. U.S. Natl. Mus., vol. 67,
no. 2574, art. 2, pp. 1-3.

COLD BOKKVELD, Cape Colony, South Africa. 32°50'S., 19°20'E.

Fell - 13-10-1838 - 9 a.m.

Stone - carbonaceous chondrite

Fragments

4 gms.

Maclear, T., and Watermeyer,

1839 An account of a meteoritic stone in the Cold
Bokkveld, Cape of Good Hope; Phil. Trans.
Roy. Soc. London, vol. 1, pp. 83-85.

COLFAX, Rutherford County, North Carolina. 35°18'N., 81°44'W.

Fell - 1880

Iron - medium octahedrite

Polished slice - 6 x 3 x 0.5 cm.

61 gms.

Eakins, L.G.

1890 Meteoric iron from North Carolina, Am. Jour.
Sci., ser. 3, vol. 39, pp. 395-396.

CONCHO, Glasscock County, Texas. 31°55'N., 101°18'W.

Found - 1939

Stone - hypersthene olivine chondrite

Weathered fragment - 7 x 6 x 4 cm.

227 gms.

Nininger, A.D.

1940 Third catalog of meteorite falls (S.R.M.)
No. 183-321. Reported to the Society for
Research on Meteorites, Jan. 1939 to Oct.
1940; Pop. Astron. vol. 48, pp. 550-560.

COOPERSTOWN, Robertson County, Tennessee. 36°26'N., 87°W.

Found - 1860
Iron - medium octahedrite
Polished slice - 3.2 x 1.3 x 0.4 cm. 13 gms.

Smith, J.L.

1861 Description of three new meteorites -
Lincoln County meteoric stone which fell
in August, 1855 - Oldham County (Ky.)
meteoric iron - Robertson County (Tenn.)
meteoric iron. Am. Jour. Sci., ser. 2,
vol. 31, p. 266.

COSBY'S CREEK, Cocke County, Tennessee. 35°47'N., 83°15'W.

Found - 1837
Iron - coarse octahedrite
Polished slice - 6.5 x 4 x 0.4 cm. 68 gms.

Troost, G.

1840 Description and analysis of meteoric iron
from mass found in Tennessee, composed of
metallic iron, graphite, hydroxide of iron and
pyrites; Am. Jour. Sci., ser. 1, vol. 38,
pp. 250-254.

COSTILLA PEAK, Taos County, Mexico. 36°50'N., 105°14'W.

Found - 1881
Iron - medium octahedrite
Polished slice - 3 x 2.6 x 0.3 cm. 20 gms.

Hills, R.C.

1895 The Costilla meteorite; Colo. Sci. Soc.
Proc. vol. 5, pp. 121-122.

CRAB ORCHARD, Cumberland County, Tennessee. 35°50'N., 84°55'W.

Found - 1887
Stony-iron - mesosiderite
Polished slice - 4 x 3 x 3 cm. 80 gms.

Whitfield, J.E.

1889 The Rockwood meteorite; Am. Jour. Sci.,
ser. 3, vol. 34, pp. 387-390.

CRANBOURNE, Beaconfield, Australia. 36°06'S., 145°18'E.

Found - 1854

Synonym - Beaconsfield

Iron - coarse octahedrite

Polished slice - 6 x 3 x 1 cm. 99 gms.

Oxidized piece - 5.5 x 4 x 1 cm. 145 gms.

Haidinger, W.K.v.

1861 Die ersten Proben des Meteoreisens von
Cranbourne in Australien, Sitzber. Akad. Wiss,
Math-Naturw. Kl. Wein, vol. 44, pt. 2,
pp. 467-472.

COWRA, Bathurst County, New South Wales. 33°51'S., 148°41'E.

Found - 1888

Iron - fine octahedrite

Polished slice - 4 x 2.5 x 0.2 cm. 8 gms.

Polished slice - 6 x 2.5 x 0.5 cm. 36 gms.

Gard, G.W.

1897 On the occurrence and classification of some
New South Wales meteorites; Records Geol. Surv.
N.S.W., vol. 5, pt. 2, pp. 49-52.

CYNTHIANA, Harrison County, Kentucky. 38°24'N., 84°15'W.

Fell - 23-1-1877 - 4 p.m.

Stone - grey hypersthene chondrite

Fragment - 1.8 x 1.6 x 0.6 cm. 4 gms.

Smith, J.L.

1877 A description of the Rochester, Warrenton,
and Cynthianameteoritic stones, which fell
respectively Dec. 21, 1876, Jan. 3, 1877, and
Jan. 23, 1877, with some remarks on the
previous falls of meteorites in the same
regions; Am. Jour. Sci., ser. 3, vol. 14,
pp. 219 - 229.

DALTON, Whitfield County, Georgia. 34°48'N., 84°59'W.

Found - 1877

Iron - medium octahedrite

Polished slice - 3 x 3 x 0.3 cm. 26 gms.

Smith, J.L.

1877 Two new meteoric irons; Am. Jour. Sci.,
ser. 3, vol. 14, p. 246.

DANIELS KUIL, Griqualand, South Africa. 28°12'S., 24°34'E.

Fell - 20-3-1868

Stone - crystalline enstatite chondrite

Fragment - 1.5 x 1 x 0.5 cm. 2 gms.

Gregory, J.R.

1868 Meteoric iron from South Africa; Geol. Mag.
vol. 5, pp. 531-533.

DANVILLE, Morgan County, Alabama. 34°24'N., 87°04'W.

Fell - 27-11-1868 - 5 p.m.

Stone - polymict brecciated veined grey chondrite

Fragment - 1 x 0.5 cm. 0.1 gm.

Smith, J.L.

1870 Account of a fall of meteoric stones near
Danville, Alabama, with an analysis of the
same; Am. Jour. Sci., ser. 2, vol. 49,
pp. 90-93.

DEEP SPRING, Rockingham County, North Carolina. 36.5°N., 79.75°W.

Found - 1846

Iron - nickel-rich ataxite

Polished slice - 5 x 3 x 0.7 cm. 75 gms.

Venable, F.P.

1890 Two meteoric irons; Am. Jour. Sci., ser. 3,
vol. 40, pp. 161-163.

DESCUBRIDORA, San Luis Potosi, Mexico. 26°08'N., 104°09'W.

Found - 1780

Synonym - Agua Blanca, Catorce, Poblazon, San Luis
Potosi, Venagas

Iron - medium octahedrite

Polished slice - 4 x 3 x 0.4 cm. 42 gms.

Del Rio, A.M.

1804 Tablas Mineralogicas Dispuestas Segun los
Descubrimientos mas Recientes e Ilustradas
con Notas por D.L.G. Karsten. Book, Mexico
(1804), p. 57.

DHURMSALA, Kanagra District, Punjab, India. 32°14'N., 76°28'E.

Fell - 14-7-1860 - 2:15 p.m.

Synonym - Dharmsala

Stone - intermediate hypersthene chondrite

Fragment - 5 x 4 x 2.5 cm. 59 gms.

Jackson, C.T.

1861 Sur un aerolithe tombe a Dhurmsala dans
l'Inde. Compt. Rend. Paris, vol. 53, pp.
1018-1019.

DJATI PENGILON, Ngawi District, Java. 7.5°S., 111.5°E.

Fell - 19-3-1884 - 4:30 p.m.

Synonym - Alastoeva

Stone - crystalline bronzite chondrite

Slice - 3.5 x 2.5 x 0.4 cm. 7 gms.

Verbeek, R.D.M.

1886 De meteoriet van Djati-Pengilon, Java,
Jaarb. Mijn. Nederland, Oost-Indie, pp. 145-167.

DRESDEN, Ontario, Canada.

43°31.2'N., 82°15.6'W.

Fell - 11-6-1939 - 8:56 p.m.

Synonym - Chatham

Stone - chondrite

Fragment . 95 gms.

Thin section

Individual 1,758 gms.

DRESDEN, Ontario, Canada (cont'd.).

Millman, P.M.

1940 The Dresden Meteorite; Publ. Am. Astron.
Soc., vol. 10, pp. 23-24.

DURUMA, Mombasa, Wanikaland, Kenya. 4°S., 39.5°E.

Fell - 7-3-1853

Synonym - Turuma

Stone - veined intermediate chondrite

Fragment - 1 x 1 x 0.5 cm. 0.3 gms.

Greg, R.P.

1862 On some meteorites in the British Museum,
Phil. Mag., vol. 24, no. 4, pp. 534-542.

ELBOGEN, Bohemia. 50°11'N., 12°44'E.

Fell - 1400 - recognized 1811

Synonyms - Burggraf, Loket, Ellbogen.

Iron - medium octahedrite

Polished slice - 2.5 x 2 x 0.3 cm. 8 gms.

Neumann, K.A.

1812 Der verwünschte Burggraf in Ellbogen in
Böhmen, ein Meteorolit. Hesperus (ein
Nationalblatt für gebildete Leser, Prag.)
No. 55.

ELI ELWAH, Hay County, New South Wales. 34°30'S., 144°43'E.

Found - 1888

Synonym - Hay

Stone - white hypersthene chondrite

Slice - 8 x 5.5 x 3 cm. 138 gms.

Russell, H.C.

1889 New Meteorites: J. Proc. Roy. Soc. N.S.W.,
vol. 23, pp. 46-47.

ELM CREEK, Admire, Lyon County, Kansas. 38.5°N., 96.2°W.

Found - 5-1906

Stone - spherical hypersthene chondrite

Polished slice - 5.5 x 2.5 x 0.4 cm. 30 gms.

Howard, K.S.

1907 The Elm Creek aerolite; Am. Jour. Sci.,
ser. 4, vol. 23, pp. 379-381.

ENSISHEIM, Alsace, France. 47°52'N., 7°21'E.

Fell - 16-11-1492 - 11:30 p.m.

Synonym - Elsass

Stone - polymict brecciated hypersthene chondrite

Fragment - 3 x 2 x 1 cm. 14 gms.

Brand, S.

1492 A poem on the Ensisheim meteorite (written
in Latin with German translation) Book,
"Narrenschiffes".

ESTACADO, Hale County, Texas. 35°54'N., 101°45'W.

Found - 1892

Synonym - Llano Estacado

Stone - crystalline bronzite chondrite

Fragment - 6.5 x 3.5 x 0.4 cm. 25 gms.

Fragment - 2.5 x 1.5 x 0.3 cm. 4 gms.

Howard, K.S., and Davidson, J.M.

1906 The Estacado aerolite; Am. Jour. Sci.,
ser. 4, vol. 22, pp. 55-60.

ESTHERVILLE, Emmet County, Iowa. 43°25'N., 94°54'W.

Fell - 10-5-1879 - 5 p.m.

Synonyms - Emmet County, Iowa, Perry Meteorite.

Stony-iron - mesosiderite

Complete individual - 4.5 x 1.5 x 1.3 cm. 38 gms.

Polished end piece - 6 x 4 x 2 cm. 124 gms.

Peckham, S.F.

1879 Fall of a meteorite on the 10th of May in
Iowa; Am. Jour. Sci., ser. 3, vol. 18, pp. 77-78.

FARMINGTON, Washington County, Kansas. 39°45'N., 97°2'W.

Fell - 25-6-1890 - 1 p.m.

Synonyms - Washington, Washington County.

Stone - polymict brecciated hypersthene chondrite

Polished slice - 2 x 2 x 0.7 cm.

13 gms.

Fragment - 10 x 7 x 4 cm.

411 gms.

Snow, F.H.

1890 A stony meteorite from Washington County,
Kansas; Sci., vol. 16, pp. 38-39.

FOREST CITY, Winnebago County, Iowa. 43°15'N., 93°43'W.

Fell - 2-5-1890 - 5:15 p.m.

Synonyms - Forest, Kossuth County, Iowa, Leland,
Winnebago County.

Stone - brecciated spherical bronzite chondrite.

Complete individual - 7 x 4.5 x 3.5 cm.

312 gms.

Torrey, J., and Barbour, E.H.

1890 Fall of meteorites in Iowa; Am. Jour. Sci.,
ser. 3, vol. 39, pp. 521-522.

FORSYTH, Monroe County, Georgia. 33°01'N., 83°58'W.

Fell - 8-5-1829 - 3:30 p.m.

Synonym - Monroe County

Stone - veined white hypersthene chondrite

Fragment - 0.8 x 0.7 x 0.4 cm.

0.5 gms.

Silliman, B., Beall, E., and Boykin,

1830 Georgia meteor and aerolite; Am. Jour. Sci.,
ser. 1, vol. 18, pp. 388-389.

FORSYTH COUNTY, North Carolina. 36.1°N., 80.2°W.

Found - 1891

Iron - nickel-poor ataxite.

Slice - 4 x 3 x 0.1 cm.

10 gms.

Schweinitz, E.A. de.

1896 A meteorite from Forsyth County, North
Carolina: ser. 4, vol. 1, pp. 208-209.

FORT PIERRE, Stanley County, South Dakota. 44°21'N., 100°23'W.

Found - 1856
Synonym - Nebraska
Iron - medium octahedrite
Polished slice - 2.5 x 2.2 x 0.4 cm. 16 gms.

Chouteau,
1858 Trans. St. Louis Acad. of Sciences,
vol. 1, p. 307.

FRANCEVILLE, El Paso County, Colorado. 38°49'N., 104°37'W.

Found - 1890
Iron - medium octahedrite
Polished slice - 2.5 x 2.2 x 0.3 cm. 14 gms.

Preston, H.L.
1902 The Franceville (El Paso, Colorado) meteorite;
Jour. Geol., vol. 10, pp. 852-857.

FRANKFORT, Franklin County, Alabama. 34°29'N., 87°57'W.

Fell - 5-12-1868 - 3 p.m.
Synonym - Franklin County
Stone - howardite
Slice - 1.2 x 1.4 x 0.2 cm. 1 gm.

Brush, G.J.
1869 Contributions from the Sheffield Laboratory
of Yale College; No. XXI. On the meteorite
stone which fell December 5, 1868 in
Franklin County, Alabama; Am. Jour. Sci.,
ser. 2, vol. 48, pp. 240-244.

GAY GULCH, Klondike, Yukon Territory. 63°54'N., 139°16'W.

Found - 1901
Synonym - Klondike
Iron - nickel-poor ataxite
End piece 373 gms.
End piece 187 gms.
Fragments 2 gms.

Johnston, R.A.A.
1915 Gay Gulch and Skookum Meteorites; Mus. Bull. 15,
Geol. Surv., Canada, p. 31.

GIBEON, Great Namaqualand, South West Africa. 25.5°S., 18°E.

Found - 1853, 1910

Synonyms - Goamus Farm, Amalia Farm, Lion River

Iron - fine octahedrite

| | |
|--|-------------|
| Polished end section - 45 x 45 x 7 cm. | 65,800 gms. |
| " slice - 12 x 8.5 x 0.3 cm. | 208 " |
| " end piece - 6 x 3.5 x 2.5 cm. | 206 " |
| " slice - 24 x 14 x 0.7 cm. | 1,793 " |
| " " - 8 x 4 x 4 cm. | 194 " |
| " " - 3.5 x 3.3 x 0.1 cm. | 18 " |

Shephard, C.U.

1853 Notice of a meteoric iron near Lion River, Great Namaqualand, South Africa and the detection of potassium in meteoric iron, Am. Jour. Sci., ser. 2, vol. 15, pp. 1-7.

Schauf, W.

1912 Die Grossen Eisenmeteorite aus Deutsch-Südwestafrika. Ber. senckenb. naturforsch. Ges. Frankfurt a. M. pp. 214-221.

GILGOIN, County Clyde, New South Wales. 30°23'S., 147°20'E.

Found - 1889

Stone - crystalline bronzite chondrite

Fragment - 11 x 8 x 6 cm. 709 gms.

Fragment - 6 x 4.5 x 3 cm. 155 gms.

Russell, H.C.

1889 New Meteorites; J. Proc. Roy. Soc., N.S.W.; vol. 23, pp. 46-47.

GIRGENTI, Sicily, Italy. 39°19'N., 13°34'E.

Fell - 10-2-1853 - 6:30 p.m. G.M.T.

Synonym - Agrigento

Stone - veined white hypersthene chondrite

Fragment - 4 x 3 x 2 cm. 29 gms.

Greg, R.P.

1854 Observations on meteorites or aerolites considered geographically, statistically, and cosmically, accompanied by a complete catalogue; Phil. Mag. ser. 4, vol. 8, pp. 329-342, 449-463.

GLORIETA MOUNTAIN, Canoncita, Santa Fe County, 35°36'N., 105°48'W.
New Mexico.

Found - 1884

Synonyms - Albuquerque, Canoncita, Santa Fe County,
Trinity County

Iron - medium octahedrite

Polished slice - 4.2 x 2.7 x 0.3 cm. 20 gms.

Polished slice - 12 x 4 x 12.2 cm. 387 gms.

Kunz, G.F.

1885 On three masses of meteoritic iron from
Glorieta Mountain: Am. Jour. Sci., ser. 3,
vol. 30, pp. 235-238.

GRAND RAPIDS, Kent County, Michigan. 42°58'N., 85°56'W.

Found - 1883

Synonym - Walker Township

Iron - fine octahedrite

Polished slice - 3 x 3 x 0.4 cm. 18 gms.

Eastman, I.R.

1884 A new meteorite; Am. Jour. Sci., ser. 3,
vol. 28, pp. 299-300.

HARLETON, Harrison County, Texas. 32°41'N., 94°31'W.

Fell - 30-5-1961

Stone - olivine hypersthene chondrite

Fragment 25 gms.

Bainbridge, A.E., Suess, H.E., and Wanke, H.

1962 The tritium content of three stony meteorites
and one iron meteorite; Geochim et Cosmochim.
Acta, vol. 26, pp. 471-474.

HEREDIA, San Jose, Costa Rica.

10°N., 84°06'W.

Fell - 1-4-1857 - night.

Synonyms - Costa Rica, San Jose

Stone - brecciated spherical chondrite

Fragment - 1.5 x 1 x 0.5 cm.

2 gms.

Harris, E.P.

1859 The chemical constitution and chronological arrangement of meteorites; Inaugural Disser., 132 pp. Univ. Press, by W.F. Kastner, Göttingen.

HESSLE, Upsala, Sweden.

59°51'N., 17°40'E.

Fell - 1-1-1869 - 12:30 p.m.

Synonym - Stockholm

Stone - spherical bronzite chondrite

End piece - 3 x 2.8 x 1.2 cm.

30 gms.

Fahnehjelm, O.

1869 Meteorfallet i Fittja sokn af Upsala lan d 1-sta. Januari 1869. Oversigt Svenska Vetenskaps-Akad. Forh. 26, No. 1, pp. 59-60.

HEX RIVER MOUNTAINS, Cape Province,
South Africa.

39°19'S., 19°37'E.

Found - 1882

Iron - hexahedrite

Polished slice - 4 x 3 x 0.5 cm.

44 gms.

Brezina, A.

1896 Ann. d. K. K. Naturh. Hofmus., vol. 10, pp. 291, 349.

HOLBROOK, Navajo County, Arizona.

35°57'N., 110°02'W.

Fell - 19-7-1912 - 7:15 p.m.

Synonym - Aztec

Stone - olivine hypersthene chondrite

Individual

2,460 gms.

" showing pyrrhotite

1,914 "

"

1,345 "

"

720 "

"

1,475 "

HOLBROOK, Navajo County, Arizona (cont'd.).

| | | |
|-----------------------|--------------------------------------|----------|
| Individual | fresh surface also piezoglyphs | 709 gms. |
| " | radiating flow lines | 605 " |
| " | soil line marked by rust | 512 " |
| " | two pieces | 455 " |
| " | rusted, mottled and pitted | 320 " |
| " | rectangular, three successive crusts | 273 " |
| " | fresh surface, pyrrhotite nodule | 236 " |
| " | crackled fusion crust | 139 " |
| " | well developed flow lines | 20 " |
| " | radial flow lines | 137 " |
| " | polished surface, iron grains | 34 " |
| " | angular, fusion crust on one side | |
| " | | 46 " |
| " | | 118 " |
| " | | 45 " |
| " | | 96 " |
| " | | 47 " |
| " | | 112 " |
| " | | 145 " |
| " | | 67 " |
| " | | 53 " |
| " | | 39 " |
| " | | 86 " |
| " | | 54 " |
| " | | 42 " |
| " | | 53 " |
| " | | 51 " |
| " | | 199 " |
| " | | 100 " |
| 28 small individuals | | 202 " |
| Individual | | 94 " |
| " | | 241 " |
| (4) thin sections | | |
| 329 small individuals | | 80 " |
| 506 | " " | |
| 374 | " " | 1,108 " |
| 611 | " " | 1,137 " |

Foote, W.M.

- 1912 Preliminary note on the shower of meteoric stones near Holbrook, Navajo County, Arizona. July 19, 1912, including a reference to the Perseid swarm of meteorites visible from July 11 to August 22; Am. Jour. Sci., ser. 4, vol. 34, pp. 437-456.

HOLMAN ISLAND, Northwest Territories, Canada. 70°44'N., 117°45'W.

Found - March 1951
Stone -
Fragment

Webster, J.H.

1951 The News of the North; Yellowknife, N.W.T.
vol. 6, no. 45, Ap. 6.

HENBURY, McDonnell Ranges, Central Australia. 24°34'S., 133°10'E.

Found - 1931
Iron - medium octahedrite
Individual with rusted exterior 1,374 gms.

Alderman, A.R.

1932 The Henbury (Central Australia) meteoric
iron; Min. Mag., vol. 23, pp. 19-32.

HOMESTEAD, Iowa County, Iowa. 41°48'N., 91°52'W.

Fell - 12-2-1875, 10:15 p.m.
Synonyms - Amana, Iowa County, Marnego, Sherlock,
West Liberty.
Stone - polymict brecciated grey chondrite
Fragment - 9.5 x 4 x 1.5 cm. 123 gms.

Hinrichs, G.

1875 The great Iowa meteor; Pop. Sci., Monthly,
vol. 7, pp. 588-596.

HONOLULU, Oahu Island, Hawaii. 21°18'N., 157°52'W.

Fell - 27-9-1825 - 10:30 a.m.
Synonyms - Hawaii, Sandwich Islands
Stone - veined white hypersthene chondrite
Piece - 1.5 x 1 x 1 cm. 2 gms.

Hofmann, E.

1829 Arch. Mineral. Geog. Bergb.-u. Hüttenk. vol. 1,
p. 311.

HERMITAGE PLAINS, County Canbelego, New South Wales, Australia. 31°44'S., 146°24'E.

Found - 1909

Synonym - Hermidale; Hermadale.

Stone - grey hypersthene chondrite

5 pieces

992 gms.

Anderson, C.A.

1913 A catalogue and bibliography of Australian meteorites, with census and taxonomy; Records, Australian Museum, Sydney, vol. 10, no. 5, pp. 53-76.

IMLAC, Desert of Atacama, Chile. 24°14'S., 68°50'W.

Found - 1822

Synonyms - Atacama, Campo del Pucara, Caracoles, Catamara, La Encantada, La Rioja, Potosi, San Pedro.

Stony-iron - pallasite.

Piece - 1.8 x 1.8 x 0.3 cm.

5 gms.

Allan, T.

1889 Trans. Roy. Soc., Edinburgh, vol. 11, p. 223.

INDARCH, Transcaucasia, U.S.S.R. 39°45'N., 46°41'E.

Fell - 7-4-1891 - 8:10 p.m.

Synonyms - Elisabethpol, Gindorcha, Glindorcha, Indarkh, Schuscha.

Stone - carbonaceous spherical chondrite

Slice - 19 x 5.5 x 1.5 cm.

542 gms.

Simashko, Yu, I.

1891 Katalog kolletsii meteoritov; Book, 64 pp. Tipogr. A. Yakobsona, St. Petersburg.

INDIAN VALLEY, Floyd County, Virginia. 36°56'N., 80°30'W.

Found - 1887

Synonyms - Floyd County, Floyd Mountain, Radford Furnace

Iron - brecciated nickel-poor ataxite or hexahedrite

Polished slice - 5 x 2.5 x 1 cm. 54 gms.

Kunz, G.F., and Weinschenk, E.

1892 On two meteoric irons; Am. Jour. Sci., ser. 3,
vol. 43, p. 424.

IREDELL, Bosque County, Texas. 31°58'N., 97°52'W.

Found - 1898

Iron - normal hexahedrite

Knife blade - 9 gms.

Fragment 8 gms.

Foote, W.M.

1899 Note on a new meteoric iron found near Iredell,
Bosque County, Texas; Am. Jour. Sci., ser. 4,
vol. 8, pp. 415-416.

IRON CREEK, Alberta, Canada. 53°N., 112°W.

Found - 1869

Synonym - Victoria

Iron - medium octahedrite

Slice - 2.8 x 1.5 x 0.4 cm. 12 gms.

Coleman, A.P.

1887 A meteorite from the Northwest; Trans. R.S.
C., ser. 3, sect. 4, p. 97.

JACKSON COUNTY, Tennessee. 36°25'N., 85°30'W.

Found - 1846

Iron - medium octahedrite

Fragment - 2.5 x 1.5 x 1.2 cm. 13 gms.

Troost, G.

1846 Description of three varieties of meteoric iron
1. From near Carthage, Smith County, Tennessee,
2. From Jackson County, Tennessee; 3. From near
Smithland, Livingston County, Kentucky; Am. Jour.
Sci., ser. 2, vol. 2, pp. 356-358.

JAMESTOWN, Stutsman County, North Dakota. 46°37'N., 98°30'W.

Found - 1885

Synonym - Stutsman County

Iron - fine octahedrite

Polished slice - 6 x 2.1 x 0.4 cm.

45 gms.

Huntington, O. W.

1890

A new meteoric iron from Stutsman County,
North Dakota; Proc. Amer. Acad. Arts and
Sciences; vol. 25, pp. 229-232.

JELICA, Serbia.

43°40'N., 20°29'E.

Fell - 1-12-1889 - 2:30 p.m.

Synonym - Cacak, Jeliza

Stone - monomict brecciated amphoterite

Frägment - 3.2 x 2.2 x 1.2 cm.

14 gms.

Doell, E.

1890

Der Meteorfall im Jeliza-Gebirge in Siberien
am 1. December 1899; Jahr. Geol. Reichsanstalt;
Wein, No. 3, pp. 70-77.

JENNY'S CREEK, Wayne County, West Virginia. 37°42'N., 82°30'W.

Found - 1883

Synonyms - Charleston, Kanawha County, Old Fork,
Wayne County

Iron - coarse octahedrite

Fragments

11 gms.

Kunz, G. F.

1904

Meteoric iron from Jenny's Creek, Wayne
County, West Virginia; Trans. Roy. Astron.
Soc. Canada.

JUVINAS, Libonnes, Entraigues, Ardeche, France. 44°43'N., 4°18'W.

Fell - 15-6-1821 - 3 p.m.

Synonyms - Libonnez

Stone - monomict brecciated eucrite.

Fragment - 2 x 1.3 x 1.2 cm.

4 gms.

de Malbos, J.

1821

Akademie des Sciences; Ann. Chim. Phys.,
T. 17, pp. 434-439.

KENDALL COUNTY, Texas.

29°24'N., 98°30'W.

Found - 1887

Synonym - San Antonio

Iron - brecciated hexahedrite

Polished slice - 7.5 x 6 x 0.6 cm.

91 gms.

Fragment - 2 x 1 x 0.5 cm.

5 gms.

Polished slice - 15.5 x 6 x 0.5 cm.

314 gms.

Cohen, E.

1900 *Meteoreisen - Studien X, XI; Ann. k. k. naturhist. Hofmus. Wien, vol. 15, p. 382.*

KENTON COUNTY, Kentucky.

38°49'N., 84°36'W.

Found - 1889

Synonyms - Independence

Iron - medium octahedrite

Polished end piece - 8.5 x 3.5 x 1 cm.

200 gms.

Preston, H. L.

1892 *Preliminary note on a new meteorite from Kenton County, Kentucky; Proc. Rochester Acad. Sci., vol. 2, pp. 151-153.*

KERMICHAEL, Vannes, Morbihan, France.

47°39'N., 2°46'W.

Fell - 30-6-1903 - found 1911

Synonyms - Limerzal, Kermiche

Stone - crystalline chondrite

Polished slice - 3.7 x 2.5 x 1.4 cm.

45 gms.

Meunier, S.

1912 *Sur deux meteorites francaises recemment parvenues au museum et dont la chute avait passe inapercue (Kermichel und Saint-Germain-du-Puel); Compt. Rend. Paris, vol. 154, pp. 1739-1741.*

KERNOUVE, Morbihan, France.

48°07'N., 3°05'W.

Fell - 22-5-1869 - 10 p.m.

Synonyms - Cléguélec, Keranouvé, Keranroué, Morbihan,
Napoléonville

Stone - veined crystalline bronzite chondrite

Fragment - 3 x 1.2 x 0.6 cm. 4 gms.

de Limur, le C.

1869 Bolide tombe le 22 mai 1869 dans le commune
de Cléguérac, arrondissement de Napoléonville,
Morbihan; Compt. Rend. Paris, vol. 68, pp. 1338-1339.

KESEN, Iwate, Honshu, Japan.

38°53'N., 141°35'W.

Fell - 12-6-1850 - 5 p.m.

Synonym - Iwate

Stone - spherical hypersthene chondrite

Fragment - 2.8 x 2.4 x 1 cm. 18 gms.

Ward, H.A.

1893 Preliminary note of a new meteorite from Japan;
Am. Jour. Sci., ser. 3, vol. 45, pp. 153-155.

KILBOURNE, Columbia County, Wisconsin.

43°35'N., 89°36'W.

Fell - 16-6-1911 - 5 p.m.

Stone - veined grey chondrite

Polished fragment - 4 x 4.5 x 2 cm. 86 gms.

Farrington, O.C.

1911 Analyses of stone meteorites compiled and
classified; Field Mus. Nat. Hist., Geol. ser. 3,
no. 9, pp. 195-214.

KINGSTON, Sierra County, New Mexico.

32°54'N., 107°44'W.

Found - 1891

Iron - medium octahedrite

Polished slice - 16 x 8 x 0.4 cm. 320 gms.

Hovey, E.O.

1912 The Kingston, N.M. siderite; Ann. New York,
Acad. Sci., vol. 22, pp. 335-337.

KNYAHINYA, Nagy-Berezna, Ungvar, Czechoslovakia. 48°54'N., 22°24'E.

Fell - 9-6-1866 - 5 p.m.

Synonyms - Kňahyňa, Csillagfalva

Stone - polymict brecciated grey hypersthene chondrite

Polished fragment - 4.5 x 3.5 x 2.5 cm. 143 gms.

Haidinger, W.K.v.

1866 Der Meteorsteinfall am 9. Juni beim Knyahinya,
nachst Nagy-Berezna, im Ungher Comitate, Sitzber.,
Wein. Akad., vol. 54, pp. 200-205, Abt. 2.

KOKOMO, Howard County, Indiana.

40°29'N., 86°22'W.

Found - 1862

Synonym - Howard County

Iron - nickel-rich ataxite

Polished slice - 3 x 2.5 x 0.5 cm. 23 gms.

Cox, J.C.

1873 On a new meteorite found in Indiana; Am. Jour.
Sci., ser. 3, vol. 5, pp. 155-156.

LA CAILLE, Grasse, Alpes Maritimes, France. 43°44'N., 6°47'E.

Found - 1828

Synonyms - Caille, Grasse

Iron - medium octahedrite

Polished slice - 3.4 x 1.4 x 0.4 cm. 15 gms.

Brard, C.P.

1829 Note sur une masse de fer meteorique; Seances
Publiques Acad. Sci. Bordeaux; p. 39.

LA GRANGE, Oldham County, Kentucky.

38°24'N., 85°22'W.

Found - 1860

Synonym - Oldham County

Iron - fine octahedrite

Polished slice - 2.7 x 2.5 x 0.4 cm. 21 gms.

Smith, J.L.

1861 Description of three new meteorites - Lincoln
County meteoric stone which fell in August, 1855 -
Oldham County (Ky.) meteoric iron - Robertson County
(Tenn.) meteoric iron; Am. Jour. Sci., ser. 2,
vol. 31, pp. 264-266.

L'AIGLE, Orne, France.

48°46'N., 00°38'E.

Fell - 26-4-1803 - 1 p.m.

Synonyms - Aigle, Ober-Pfalz, Waldau.

Half individual - 5.8 x 2.2 x 2 cm.

75 gms.

Biot, C.

1803

Account of a fire-ball which fell in the neighbourhood of l'Aigle; in a letter to the French Minister of the Interior; Phil. Mag. vol. 16, pp. 224-228.

LAKE BROWN, Avon County, Western Australia. 31°S., 118.5°E.

Found - 1919

Stone - intermediate hypersthene chondrite

Fragment - 3 x 1.5 x 1.5 cm.

8 gms.

Prior, G.T.

1929

The meteoric stone of Lake Brown, Western Australia; Min. Mag., vol. 22, pp. 155-158.

LAKE LABYRINTH, Wilgena Station, South Australia. 30°20'S., 134°45'E.

Found - 10-1934

Stone - intermediate enstatite chondrite

Fragment

77 gms.

Spencer, L.J.

1936

Two meteoric stones from S. Australia: Lake Labyrinth and Kappakoola; Min. Mag., vol. 24, pp. 353-361.

LANÇON, Bouches-du-Rhône, France.

43°45'N., 05°7'E.

Fell - 2-6-1897 - 8:30 p.m.

Stone - veined intermediate chondrite

Fragment - 1.7 x 1.2 x 0.7 cm.

5 gms.

Meunier, S.

1900

Examen chimique et mineralogique de la meteorite de Lançon; Compt. Rend. Paris, vol. 131, pp. 969-972.

LEEDS, Quebec.

46°18'N., 71°20'W.

Found - 1931

Iron - medium octahedrite

Corner with etched face

59 gms.

Nininger, H.H.

1933 Our Stone Pelted Planet.

LÉNÁRTO, Sáros, Czechoslovakia.

Found - 1814

Synonyms - Lenartov, Lenartow, Polen (of J.J. Berzelius)
Sáros.

Iron - medium octahedrite

Slice - 3.4 x 1.4 x 0.4 cm.

13 gms.

Tehel

1815 Affindung einer neuen Masse Meteor-Eisen
auf den Karpathen; Ann. Physik., vol. 49,
pp. 181-182.

LE PRESSOIR, Indre-et-Loire, France.

47°10'N., 00°26'E.

Fell - 25-1-1845 - 3 p.m.

Synonym - Louans

Stone - spherical chondrite

Fragments

3 gms.

Daubree, G.A.

1881 Meteorite tombee a Louans (Indre-et-Loire)
le 25 Janvier 1845 et dont la chute est restee
inedite; Compt. Rend. Paris, vol. 92, pp. 984-985.

LINVILLE Mountain, Burke County, North Carolina. 35°40'N., 81°35'W.

Found -. 1882

Synonyms - Burke County, Linnville Mountain, Linnville

Polished end piece - 4 x 3 x 1 cm.

22 gms.

Kunz, G.F.

1888 On two new masses of meteoric iron; Am. Jour.
Sci., ser. 3, vol. 36, pp. 275-277.

LITTLE PINEY, Pulaski County, Missouri. 37°55'N., 92°05'W.

Fell - 13-2-1839 - 3:30 p.m.

Synonyms - Jefferson City, Missouri, Pine Bluff, Pulaski County.

Stone - spherical chondrite

Fragments 0.3 gms.

Herrick, E.C.

1839 Fall of meteorite in Missouri, February 13,
1839; Am. Jour. Sci., ser. 1, vol. 37,
pp. 385-386.

LIXNA, Dvinsk, Latvia.

50°N., 25°26'E.

Fell - 12-7-1820 - 5:30 p.m.

Synonym - Lasdany

Stone - veined grey bronzite chondrite

Fragment - 1.3 x 0.8 x 0.4 cm. 1 gm.

Grotthuss, T.v.

1821 Untersuchung des du Lixna im Dünaburgischen
Kreise in gefallenem Sengallen Meteorsteines;
Allg. Nord. Ann. Chem. St. Petersburg, vol. 68,
pp. 367-370.

LONG ISLAND, Phillips County, Kansas.

39°56'N., 99°36'W.

Found - 1891

Synonym - Phillips County

Stone - veined intermediate hypersthene chondrite

Fragment - 7.2 x 4.7 x 3.5 cm. 392 gms.

Farrington, O.C.

1895 Handbook and Catalogue of the Meteorite
Collection; Field Mus. Nat. Hist., geol.
Publ. 1, No. 1, pp. 1-66.

LUIS LOPEZ, Socorro County, New Mexico. 34°N., 106°88'W.

Found - 1896

Synonym - Magdalena

Iron - medium octahedrite

Polished slice - 3 x 2 x 0.4 cm. 21 gms.

Preston, H.L.

1900 Two new American meteorites; Am. Jour. Sci.,
ser. 4, vol. 9, pp. 283-286.

- MADOC, Hastings County, Ontario. 44°35'N., 77°30'W.
- Found - 1854
Synonym - Hastings County
Iron - fine-octahedrite
Nearly complete individual 168,000 gms.
- Hunt, T.S.
1855 On a newly discovered meteoric iron; Am.
Jour. Sci., no. 2, vol. 19, p. 417.
- MAGURA, Arva, Czechoslovakia. 49°20'N., 20°25'E.
- Found - 1840
Synonyms - Arva, Orava, Szlanicza.
Iron - coarse octahedrite
Polished end piece - 3.8 x 2 x 1 cm. 46 gms.
- Haidinger, W.K.v.
1844 Neuer Fund von Meteoreisen in Ungarn,
Wiener Zeitung, April 17, 1844; no. 107,
843, 17.
- MANBHOOM, Bengal, India. 23°03'N., 86°42'E.
- Fell - 22-12-1863 - 9 a.m.
Synonyms - Cossipore, Manbazar pargana
Stone - monomict brecciated amphoterite
Fragment - 1.7 x 1 x 0.6 cm. 14 gms.
- Haidinger, W.K.v.
1864 Der Meteorstein von Manbhoom in Bengalen im
K.K. Hof.-Mineralien-Cabinete aus dem fall am
22, December 1863. Akad. Wiss. Math.-naturw.
Kl. Wien, vol. 50, pt. 2, p. 235, 241-246.
- MANITOUWABING, Parry Sound, Ontario. 45°26'24"N., 79°52'32"W.
- Found - 1962
Iron - medium octahedrite
Fragment - 2 x 2 x 1.5 cm. 19 gms.

MANTOS BLANCOS, Atacama, Chile. 23°27'S., 70°07'W.

Found - 1876

Synonyms - Antofagasta, Mount Hicks.

Iron - fine octahedrite

Polished end piece - 2 x 1.8 x 0.6 cm. 13 gms.

Fletcher, L.

1889 On the meteorites which have been found in the desert of Atacama and its neighbourhood; Min. Mag. vol. 8, pp. 223, 264.

MARION, Linn County, Iowa. 41°54'N., 91°36'W.

Fell - 25-2-1847 - 2:45 p.m.

Synonyms - Hartford, Iowa, Linn County

Stone - veined white hypersthene chondrite.

Polished slice - 5.7 x 2.7 x 1.2 cm. 45 gms.

Shephard, C.U.

1847 Fall of meteoric stones in Iowa; Am. Jour. Sci. vol. 4, ser. 2, pp. 288-289.

MCKINNEY, Collin County, Texas. 33°11'N., 96°43'W.

Found - 1870

Synonyms - Collin County, MacKinney, Rockport

Stone - black hypersthene chondrite

Polished slice - 9.5 x 3.3 x 1.2 cm. 136 gms.

Merrill, G.P.

1913 On the minor constituents of meteorites; Am. Jour. Sci., ser. 4, vol. 35, pp. 509-525.

MEDEWEDEWA, Krasnojarsk, Yeniseisk, Siberia. 56°N., 91°26'E.

Found - 1749

Synonyms - Emir (Mount), Kemis (Mount), Pallas Iron, Krasnojarsk.

Stony-iron - pallasite

Fragment - 3 x 2 x 0.7 cm. 12 gms.

Pallas, P.S.

1776 Nachricht von einer gediegenen Eisenmasse; Book, Reise Durch Verschiedene Provinzen des Russischen Reichs. 1771-73; vol. 3, pp. 411-417, St. Petersburg, (1776).

MERCEDITAS, Chanaral, Chile.

26°20'S., 70°17'W.

Found - 1884

Synonyms - Chanaral, Chanarline, El Chanaralino

Iron - medium octahedrite

Polished slice - 4.5 x 2.7 x 0.2 cm.

24 gms.

Polished slice - 8.5 x 7.5 x 0.8 cm.

267 gms.

Howell, E.E.

1890 Description of new meteorites; Rochester,
Acad. Sci., vol. 1, pp. 86-103.

MIGHEI, Olviopol, Kerson Ukraine.

48°04'N., 30°58'E.

Fell - 18-6-1889 - 8:30 a.m.

Synonyms - Elisabethpol, Migheja.

Stone - carbonaceous chondrite

Fragment - 2 x 1.7 x 1.2 cm.

7 gms.

Fragment - 3.5 x 3.5 x 3 cm.

27 gms.

Siemaschko, Yu, I.

1890 Uranolithe tombe a Megueia (Russia); Nature,
vol. 41, p. 472.

MINCY, Taney County, Missouri.

36°33'N., 93°06'W.

Found - 1857

Synonyms - Crawford County, Forsyth, Miney, Newton
County, Taney County.

Stony-iron - mesosiderite

Polished fragment - 4 x 1,2 x 1 cm.

21 gms.

Kunz, G.F., and Caswell, J.H.

1887 On some American meteorites; Am. Jour. Sci.,
ser. 3, vol. 34, p. 467.

MISSHOF, Courland, Latvia.

54°40'N., 23°E.

Fell - 10-4-1890 - 3:30 p.m.

Synonyms - Baldohn, Mittel-Stuhre.

Stone - spherical bronzite chondrite

Fragment - 2 x 1.5 x 1.2 cm.

12 gms.

Doss, B., and Johnson, E.

1891 Der Meteorit von Misshof vom 29. Marz 10/Apr.
1890; Arb. Naturforsch.-Ver. Riga. Heft 7, pp. 1-90.

MISTECA, Oaxaca, Mexico.

16°48'N., 97°06'W.

Found - 1804

Synonym - Oaxaca

Iron - medium octahedrite

Polished slice - 6 x 2.5 x 0.5 cm.

43 gms.

Del Rio.

1804 Tablas Mineralog., p. 57.

MOCS, Cluj (Klausenburg, Kolozsvár), Transylvania. 46°48'N., 24°02'E.

Fell - 3-2-1882 - 4 p.m.

Synonyms - Bâré, Gyulateke, Gyulateke, Keszú, Visa, Mociou, Klausenburg, Marokháza, Olah Gyéres, Vajda-Kamaras, Palatka.

Stone - veined white hypersthene chondrite

Individual - 2.5 x 1.5 x 1.1 cm.

8 gms.

Fragment - 5 x 4 x 3 cm.

151 gms.

Hauer, F.v.

1882 Meteorsteinfall beim Klausenburg; Verh. k.k. geol. Reichsanst., no. 5, pp. 77-78.

MOLONG, County Ashburnham, New South Wales. 33°05'S., 148°51'E.

Found - 1912

Stony-iron - pallasite

Fragments -

353 gms.

Mingaye, J.C.H.

1916 Notes on the Molong meteorite; Rec. Geol. Surv., N.S.W., vol. 9, p. 161.

MOORESFORT, County Tipperary, Ireland. 52°27'N., 8°20'W.

Fell - August 1810

Synonym - Tipperary

Stone - veined grey chondrite

Small fragments

1 gm.

Higgins, W., and Moore, M.C.

1811 Description and analysis of a meteoric stone which fell in the county of Tipperary in Ireland in the month of August 1810; Phil Mag., vol. 38, pp. 262-268.

MORRISTOWN, Hamblen County, Tennessee. 36°12'N., 83°23'W.

Found - 1887

Synonyms - East Tennessee, Hamblen County, Safford Meteorite

Stony-iron - mesosiderite

Fragment - 2.5 x 1.5 x 0.7 cm. 8 gms.

Eakin, L.G.

1893 A new meteorite from Hamblen County, Tennessee;
Am. Jour. Sci., ser. 3, vol. 46, p. 283, 482.

MOUNT DYRRING, Singleton District, 32°20'S., 151°12'E.
County Durham, New South Wales

Found - 1903

Stony-iron - pallasite

Fragment - 6.5 x 3 x 2.5 cm. 56 gms.

Card, G.W.

1903 Mineralogical notes: Rec. Geol. Surv.,
N.S.W., vol. 7, p. 218.

MOUNT EDITH, Ashburton District, 22°30'S., 116°10'E.
Western Australia.

Found - 1913

Iron - medium octahedrite

Polished slice - 50.5 x 16.5 x 1.7 cm. 5,400 gms.

Foote, W.M.

1914 Note on a new meteoric iron from Mount
Edith, Ashburton District, West Australia;
Am. Jour. Sci., ser. 4, vol. 37, pp. 391-398.

MOUNT JOY, Adams County, Pennsylvania. 39°47'N., 77°13'W.

Found - 1887

Synonyms - Adams County, Gettysburg.

Iron - coarse octahedrite

Polished slice - 3.7 x 1.7 x 0.8 cm. 37 gms.

Howell, E.E.

1892 Description of the Mt. Joy meteorite;
Am. Jour. Sci., ser. 3, vol. 44, pp. 415-416.

MOUNT STIRLING, York, Southwest Division, 31°56'S., 117°37'E.
West Australia.

Found - 1892

Iron - coarse octahedrite

Polished slice - 4 x 2.2 x 0.3 cm. 28 gms.

Cooksey, T.

1897 The Nocoleche meteorite with catalogue and
bibliography of Australian meteorites; Rec.
Aust. Mus., vol. 3, pp. 51-62.

MOUNT VERNON, Christian County, Kentucky. 36°56'N., 87°24'W.

Known - 1868

Stony-iron - pallasite

Fragment with polished face - 6 x 5.5 x 4.5 cm. 195 gms.

Merrill, G. P.

1903 A newly found meteorite from Mount Vernon,
Christian County, Kentucky; Am. Geol., vol. 31,
pp. 156-158.

MUNGINDI, County Benarba, New South Wales. 28°56'S., 148°34'E.

Found - 1897

Iron - fine octahedrite

Polished slice - 4.5 x 2.4 x 0.4 cm. 34 gms.

Card, G. W.

1897 The Mungindi meteorite; Rec. Geol. Surv.,
N.S.W.; vol. 5, p. 121.

MUFREESBORO, Rutherford County, Tennessee. 35°31'N., 86°22'W.

Found - 1847

Synonym - Rutherford County

Iron - medium octahedrite

Polished slice - 3.5 x 2.1 x 0.3 cm. 17 gms.

Troost, G.

1848 Description of a mass of meteoric iron discovered
near Mufreesboro, Rutherford Co., Tennessee;
Am. Jour. Sci., ser. 2, vol. 5, pp. 351-352.

NAKHLA, Abu Hommos, Alexandria, Egypt. 31°19'N., 30°21'E.

Fell - 28-6-1911

Synonyms - Abdel Malek, El Nakhla el Baharia

Stone - diopside olivine achondrite

Fragment - 4 x 3.5 x 2 cm. 27 gms.

Hume, W.F.

1911 The first meteorite record in Egypt; Cairo
Sci. J., vol. 5, no. 59, pp. 212-215.

NANJEMOY, Charles County, Maryland. 38°25'N., 77°10'W.

Fell - 25-2-1825 - 12 noon.

Synonyms - Annapolis, Charles County, Maryland, Port Tobacco

Stone - spherical chondrite

Fragment - 4 x 2 x 2 cm. 21 gms.

Carver, S.D.

1825 Fall of meteoric stone at Nanjemoy, Maryland,
February 10, 1825; Ann. Phil., vol. 26, p. 186.

NELSON COUNTY, Kentucky. 37°45'N., 85°30'W.

Found - 1856

Iron - coarse octahedrite

Polished slice - 4 x 3 x 0.3 cm. 32 gms.

Smith, J.L.

1860 Description of three new meteoric irons, from
Nelson County, Ky., Marshall County, Ky., and
Madison County, North Carolina; Am. Jour. Sci.,
ser. 2, vol. 30, pp. 240.

NESS COUNTY, Kansas (1894) 38°30'N., 99°36'W.

Found - 1897

Stone - crystalline bronzite chondrite

Synonyms - Kansada, Ness City, Welmanville.

Polished slice - 4.5 x 1.8 x 0.6 cm. 15 gms.

Polished slice - 5.5 x 4.5 x 1.3 cm. 54 gms.

Ward, H.L.

1899 A new Kansas meteorite; Am. Jour. Sci., ser. 4,
vol. 7, p. 233.

NETSCHAEVO, Tula, Russia.

54°14'N., 35°09'E.

Found - 1846

Synonym - Tula

Iron - brecciated octahedrite with silicate inclusions

Polished slice - 3 x 3 x 0.5 cm.

28 gms.

Auerbach, J.

1858

Nachricht uber den Fund des Tula Eisens;
Bull. Soc. imp. natural. Moscou; vol. 312,
pp. 331-332.

N'GOUREYMA, Jenne, Massina, French West Africa. 13°51'N., 04°23'W.

Fell - 15-6-1900

Iron - brecciated octahedrite

Polished slice - 3 x 1 x 0.4 cm.

10 gms.

Meunier, S.

1901

Sur une masse de fer metallique, qu'on dit
entre tombee du ciel au Soudan le 15. juin,
1900: Compt. Rend., Paris, no. 7, pp. 441-442.

NOCOLECHE, Wanaaring, County Ularara,
New South Wales, Australia.

29°52'S., 114°13'E.

Found - 1895

Iron - medium octahedrite

Polished slice - 4.5 x 2.2 x 0.3 cm.

23 gms.

Cooksey, T.

1897

The Nocoleche meteorite with catalogue and
bibliography of Australian meteorites: Rec.
Australian Mus., vol. 3, pp. 51-62.

NOGOYA, Entre Rios, Argentina.

35°22'S., 59°55'W.

Fell - 30-6-1879 - evening

Synonyms - Concepcion, Nagaya, Nogaya.

Stone - carbonaceous hypersthene chondrite

Fragment - 2 x 1 x 9.6 cm.

2 gms.

Websky, C.M.F.

1882

Uber eine von Herrn Burmeister der Akademie
ubersandten Meteoriten; Sitzber. Akad. Wiss.
Berlin, vol. 1, pp. 395-396.

NOVO-UREI, Karamzinka, Nizhni-Novgorod, Russia. 54°49'N., 43°48'E.

Fell - 4-9-1886 - 7:15 a.m.

Synonyms - Alaty, Krasnoslobodsk, Novyi Urej, Nowo-Urei, Urei
Stone - ureilite

Fragments 1 gm.

Latschinoff, P.A.

1887 Study of a meteorite which fell on September 10,
1886, in Novyye-Urei, Penza province; Nature,
vol. 37, pp. 110-111.

OBERNKIRCHEN, Bückerburg, Tinteln, Hesse- 52°16'N., 09°06'E.
Nassau, Germany:

Found - 1863

Synonym - Bückburg

Iron - fine octahedrite

Polished slice - 3.5 x 1.9 x 0.4 cm. 21 gms.

Wicke, W., and Wöhler, F.

1863 Über ein new aufgefundenes Meteoreisen;
Nachr. Ges. Wiss., Göttingen, pp. 364-367.

OCHANSK, Perm. Russia. 57°47'N., 55°16'E.

Fell - 30-8-1877 - 1 p.m.

Synonyms - Okhansk, Taborg, Taborskoie Selo, Tabory, Toborsk.

Stone - polymict brecciated spherical bronzite chondrite

Fragment - 3 x 2.5 x 1.3 cm. 23 gms.

Daubree, G.A.

1887 Meteorite tombee le 18/30. aout 1887, a Tabory,
dans le gouvernement de Perm; Comptes Rend.
Paris. T. 106, pp. 987-988.

ODESSA, Ector County, Texas. 31°43'N., 102°24'W.

Found - before 1922

Iron - coarse octahedrite

Fragment - 7.5 x 2.5 x 2.4 cm. 207 gms.

Polished slice - 8.5 x 7.8 x 0.7 cm. 209 gms.

Fragment - 6 x 4.5 x 3.5 cm. 171 gms.

Merrill, G.P.

1922 Meteoric iron from Odessa, Ector County, Texas;
Am. Jour. Sci., ser. 5, vol. 3, pp. 335-337.

ORGUEIL, Montauban, Tarn-et-Garonne, France. 43°53'N., 01°23'E.

Fell - 14-5-1864 - 8 p.m.

Synonym - Montauban

Stone - carbonaceous chondrite

Fragments 1 gm.

Daubree, G. A.

1864 Observation sur la presence de la breunnerite dans la meteorite d'Orgueil; Compt. rend. Paris, vol. 59, pp. 830.

ORNANS, Doubs, France.

47°07'N., 6°09'E.

Fell - 11-7-1868 - 7:15 p.m.

Synonym - Salins

Stone - spherical hypersthene chondrite

Fragment - 2.2 x 1.2 x 0.7 cm. 4 gms.

Pisani, F.

1868 Analyse d'une meteorite tombe le 11 juillet 1868 a Ornans (Doubs); Compt. Rend. Paris, vol. 67, pp. 663-665.

ORVINIO, Rome, Italy.

42°08'N., 15°56'E.

Fell - 31-8-1872 - 5:15 a.m.

Synonym - Rome

Stone - polymict black brecciated bronzite chondrite

Fragments 3 gms.

Ferrari, G.S.

1873 Ricerche fisico-astronomiche intorno all'urnaolith caduto nell'agro Romano il 31. di agosto 1872, 46 pp. Tip. Belle Arti, Roma, (1873).

OSCURO MOUNTAINS, Socorro County, New Mexico. 33°38'N., 106°23'W.

Found - 1895

Iron - coarse octahedrite

Polished slice - 5 x 4 x 0.2 cm. 23 gms.

Hills, R. C.

1897 The Oscuro Mountain Meteorite; Col. Sci. Soc. Proc., vol. 6, pp. 30-33.

OSSEO, Timiskaming District, Ontario. 50°N., 82°W.

Found - 6-1931

Iron - coarse octahedrite

Polished slice - 21 - 27 x 0.8 cm. 2,100 gms.

Marble, J.P.

1938 The Osseo, Canada, Meteorite; Am. Min.,
vol. 23, pp. 282-285.

PACULA, Jacala, Hidalgo, Mexico. 21°03'N., 99°18'W.

Fell - 18-6-1881 - morning

Synonyms - Hidalgo, Jacala

Stone - brecciated white chondrite

Fragment - 3.5 x 1.5 x 1 cm. 13 gms.

Castillo, A.de.

1889 Catalogue descriptif des météorites (fers
et pierres météoritiques) du Mexico avec
l'indication des localities dans lesquelles
ces météorites sont tombées ou ont été découvertes;
Pamphlet; 15 pp. Leon Quin, Paris.

PAVLOGRAD, Ekaterinoslav, Ukraine. 48°32'N., 39°59'E.

Fell - 19-5-1826

Synonyms - Ekaterinoslav, Mordovinka, Pawlograd

Stone - white chondrite

Fragments 1 gm.

Hoff, K.E.v.

1830 Neue Beitrage zu Chladni's Verzeichnissen von
Feuermeteoriten und herabgefallenen Massen
(Siebente Lieferung); Ann. Physik., vol. 18,
pp. 174-197.

PERRYVILLE, Perry County, Missouri, U.S.A. 37°44'N., 89°58'W.

Found - 1906

Iron - fine octahedrite

Polished slice - 8.5 x 6.5 x 0.3 cm. 76 gms.

Merrill, G.P.

1912 A newly found meteoric iron from Perryville,
Perry County, Missouri, U.S.A.; Proc. U.S.
Natl. Museum, vol. 43, no. 1943, pp. 595-597.

PETERSBURG, Lincoln County, Tennessee, U.S.A. 35°18'N., 86°36'W.

Fell - 5-8-1855 - 3:30 p.m.

Synonyms - Fayetteville, Lincoln County

Stone - howardite

Fragment - 1.4 x 1.2 x 1 cm. 4 gms.

Safford, J.M.

1855 (Analysis by J.L. Smith). Safford's report of the geology of Tennessee for 1855; Geol. Recce. Survey Tenn. pp. 125-128, printed in 1856.

PLAINVIEW (1917), Hale County, Texas. 34°07'N., 101°47'W.

Found - 1917

Synonym - Hale County

Stone - polymict brecciated veined intermediate chondrite

Polished slice - 7 x 4.5 x 1 cm. 63 gms.

Merrill, G.P.

1917 A new find of meteoric stones near Plainview, Hale County, Texas; Proc. U.S. Natl. Museum; vol. 52, no. 2184, pp. 419-422.

PLOSKOWITZ, Litoměřice, Bohemia. 50°32'N., 14°07'E.

Fell - 2-6-1723 - 2 p.m.

Synonyms - Bunzlau, Liboschitz, Plescowitz, Ploškovice, Reichstadt

Stone - brecciated spherical chondrite

Fragment - 2 x 1 x 0.4 cm. 3 gms.

Rost.

1725 Von Steinen so aus der Luft gefallen. Sammlung Natur u. Med. Breslau, vol. 9, pp. 44-47, Winter Quartal.

PLYMOUTH, Marshall County, Indiana, U.S.A. 41°20'N., 86°19'W.

Found - 1893
Synonym - Marshall County
Iron - medium octahedrite
Polished slice - 3.5 x 3 x 0.3 cm. 25 gms.

Ward, H.A.
1895 Preliminary notice of the Plymouth meteorite;
Am. Jour. Sci., vol. 49, ser. 3, pp. 53-55.

POTTER, Cheyenne County, Nebraska. 41°14'N., 103°18'W.

Found - 1941
Stone - polymict brecciated olivine hypersthene chondrite
Fragment 812 gms.
Polished slice - 11.5 x 7 x 0.7 cm. 176 gms.

Nininger, H.H., and Nininger, A.D.
1950 The Nininger Collection of Meteorites;
Winslow, Arizona.

PULTUSK, Poland. 52°43'N., 21°06'E.

Fell - 30-1-1868 - 7 p.m.
Stone - veined grey bronzite chondrite
Fragment 324 gms.
2 individuals, one broken 94 gms.
Individual 6 gms.
2 individuals 21 gms.

Szymanski, K.
1868 Meteoritenfall bei Pultusk am 30. Jan. 1868,
N.J. 326.

PUQUOIS, Copiapo, Atacama, Chile 27°09'S., 69°55'W.

Found - 1885
Iron - medium octahedrite
Polished slice - 5.7 x 4 x 0.6 cm. 108 gms.

Howell, E.E.
1890 Iron meteorite from Puquios, Chile; Proc.
Rochester Acad. Sci., vol. 1, p. 57.

QUENGGOUK, Bassein District, Lower Burma. 17°46'N., 95°11'E.

Fell - 27-12-1857 - 2:30 a.m.

Synonyms - Bassein, Pegu

Stone - spherical chondrite

Fragments 17 gms.

Haidinger, W.K.v.

1860 Die Calcutta-Meteoriten, von Shalka, Futtepore,
Pegu, Assam, und Segowlee im k.k. Hof-Mineralien-
Cabinete; Sitzber. Wien, Akad., vol. 41, pp. 750-751

RAMSDORF, Germany, Westfalen. 51°31'N., 6°56'E.

Fell - 26-7-1958 - 18:30 hrs.

Stone - polymict brecciated chondrite

Small fragments 93 gms.

Mosebach, R.

1958 Der Gesteinmeteorit von Ramsdorf; Natur. u.
Volk, vol. 88, pp. 329-338.

REED CITY, Osceola County, Michigan. 43°52'N., 85°31'W.

Found - 1895

Iron - coarse octahedrite

Polished slice - 15.5 x 10 x 0.8 cm. 600 gms.

Preston, H.L.

1903 Reed City Meteorite; Proc. Rochester Acad.
Sci., vol. 4, pp. 89-91.

RODEO, Durango, Mexico. 31°50'N., 109°01'W.

Found - 1852

Iron - fine octahedrite

Polished slice - 8 x 7 x 1 cm. 379 gms.

Cohen, E.

1905 Meteoritenkunde; III Heft. Klassifikation und
Nomenclature; Kornige bis dichte Eisen;
Hexaedrite, Oktaedrite mit feinsten und
feinen Lamellen. Ch. I-XVI, 419 pp., Stuttgart.

ROEBURN, Hamersley Range, North-West Division, 22°20'S., 118°E.
West Australia.

Found - 1892

Synonyms - Hamersley, Hammersley.

Iron - medium octahedrite

Polished slice - 4.5 x 2 x 0.4 cm. 34 gms.

Ward, H.A.

1898 Four new Australian meteorites; Am. Jour. Sci.,
ser. 4, vol. 5, pp. 135-140.

ROSE CITY, Ogemaw County, Michigan. 44°26'N., 83°57'W.

Fell - 17-10-1921 - 11 p.m.

Stone - brecciated olivine bronzite chondrite

Fragments 38 gms.

Hovey, E.O.

1923 A new meteorite from Michigan; Nat. Hist.,
vol. 23, no. 3-4, pp. 86-88.

ROY (1933), Harding County, New Mexico. 35°57'N., 104°12'W.

Found - 1933

Stone - crystalline olivine hypersthene chondrite

Fragment - 12 x 11 x 5 cm. 275 gms.

Nininger, H.H.

1934 The Roy meteorite; Pop. Astron., vol. 42,
pp. 599-600.

RUFF'S MOUNTAIN, Lexington County, 34°18'N., 81°24'W.
South Carolina.

Found - 1844

Synonyms - Lexington County, Newberry

Polished slice - 3.3 x 2 x 0.2 cm. 13 gms.

Shephard, C.U.

1850 On meteorites; Am. Jour. Sci., ser. 2,
vol. 10, pp. 127-129.

RUSSELL GULCH, Gilpin County, Colorado. 39°48'N., 105°30'W.

Found - 1863

Synonyms - Colorado, Gilpin County

Iron - medium octahedrite

Polished slice - 4 x 4 x 0.6 cm.

85 gms.

Smith, J.L.

1866 A new meteoric iron, "the Colorado meteorite"
from Russell Gulch, Gilpin Co., near Central
City, Colorado Territory; Am. Jour. Sci., ser. 2,
vol. 42, no. 125, pp. 218-219.

SACRAMENTO MOUNTAINS, Eddy County, 32°55'N., 104°40'W.
New Mexico.

Found - 1896

Synonyms - Badger, Eddy County

Iron - medium octahedrite

Polished slice - 40 x 10.5 x 0.8 cm.

2,710 gms.

Foote, W.M.

1897 Note on a new meteorite from the Sacramento
Mts., New Mexico; Am. Jour. Sci., ser. 4, vol. 3,
pp. 65-66.

ST. MICHEL, Finland.

61°31'N., 27°12'E.

Fell - 12-7-1910 - 7:25 p.m.

Stone - white hypersthene chondrite

Fragment - 7.5 x 4.5 x 4 cm.

41 gms.

Fragment - 2 x 1.5 x 1.5 cm.

6 gms.

Borgstrom, L.H.

1912 Der Meteorit von St. Michel; Bull Geol. Comm.
Finlande, vol. 34, pp. 1-9.

SAO JULIAO DE MOREIRA, Ponte de Lima, Minho, 41°30'N., 08°20'W.
Portugal.

Found - 1883 (known before 1883)
Synonym - Ponte de Lima
Iron - coarse octahedrite
Polished end piece - 4 x 2 x 0.2 cm. 25 gms.

Bensaude, A.

1888 Note sur une meteorite trouve a Juliano de
Moreira pres de Ponte de Lima (Portugal); Comm.
Trabal. Geol. Lisbon, vol. 2, pp. 14-26.

SCOTTSVILLE, Allen County, Kentucky. 36°46'N., 86°10'W.

Found - 1867
Synonym - Allen County
Iron - hexahedrite
Polished slice - 2.3 x 2 x 0.5 cm. 20 gms.

Whitfield, J. E.

1887 On the Johnson County, Arkansas and Allen
County, Kentucky meteorites; Am. Jour. Sci.,
ser. 3, vol. 33, pp. 500-501.

SEARSMOUNT, Waldo County, Maine. 44°22'N., 69°12'W.

Fell - 21-5-1871 - 8:15 a.m.
Synonyms - Searsport, Waldo County.
Stone - spherical bronzite chondrite
Fragments 2 gms.

Shepherd, C. U.

1871 Notice of the meteoric stone of Searsmont,
Maine; Am. Jour. Sci., ser. 3, vol. 2,
pp. 133-136.

SEELÄSGEN, Schwiebus (=Swiebodzin) 52°16'N., 15°33'E.
Brandenburg, Poland.

Found - 1847 (known before)
Synonyms - Brandenburg, Schwiebus
Iron - coarse octahedrite
Polished slice - 5.3 x 3.3 x 0.6 cm. 80 gms.

Goeppert, H. R.

1847 Über das Branauer und das Seeläsgen meteorereisen;
Jr. Prakt. Chem., vol. 42, pp. 428-431.

SALINE Township, Sheridan County, Kansas. 39°24'N., 100°24'W.

Fell - 17-11-1898 - 9:30 p.m. - found 1901

Stone - crystalline spherical hypersthene chondrite

Polished slice - 8 x 5.7 x 1 cm. 135 gms.

Farrington, O.C.

1902 A new meteorite from Kansas; Science, vol. 16,
pp. 67-68.

SALT RIVER, Bullitt County, Kentucky. 37°57'N., 85°47'W.

Found - 1850

Iron - fine octahedrite

Polished slice - 2 x 1.5 x 0.6 cm. 17 gms.

Silliman, B.

1850 Notice of two American meteoric irons; Proc.
Am. Assoc., Sci., vol. 4, pp. 36-37.

SAMS VALLEY, Jackson County, Oregon. 42°32'N., 122°52.5'W.

Found - 1894

Iron - medium octahedrite

Polished slice - 16 x 12.5 x 0.5 cm. 662 gms.

Foote, W.M.

1915 Note on a new meteoric iron from Sams Valley,
Jackson County, Oregon; Am. Jour. Sci., ser. 4,
vol. 39, pp. 80-86.

SAN ANGELO, Tom Green County, Texas. 31°25'N., 100°21'W.

Found - 1897

Iron - medium octahedrite

Polished slice - 5.4 x 3 x 0.3 cm. 24 gms.

Preston, H.L.

1898 San Angelo meteorite; Am. Jour. Sci., ser. 4,
vol. 5, pp. 269-272.

SANTA ROSA, Tunja, Boyaca, Colombia. 05°53'N., 73°W.

Found - 1824

Synonyms - Bogota, Colombia, New Grenada, Rasgata,
Tocavita, Zipaquira

Iron - ataxite to obscure brecciated octahedrite

Polished slice - 6 x 5 x 0.3 cm. 47 gms.

Ward, H.A.

1907 Colombian meteorite localities, Santa Rosa,
Rasquata, Tocavita; Am. Jour. Sci., ser. 4,
vol. 23, pp. 1-8.

SELMA, Dallas County, Alabama. 32°24'N., 87°01'W.

Found - 1906

Stone - spherical olivine bronzite chondrite

Rusted fragment 636 gms.

Merrill, G.P.

1907 On a newly found meteorite from Selma, Dallas
County, Alabama; Proc. U.S. Natl. Museum,
vol. 32, no. 1508, pp. 59-61.

SHELBOURNE, Dufferin County, Ontario. 43°03'N., 80°10'W.

Fell - 13-8-1904-8 p.m.

Stone - polymict brecciated grey hypersthene chondrite

Fragment - 6.6 x 2.8 x 3 cm. 118 gms.

Borgstrom, L.H.

1904 The Shelbourne meteorite; J. Roy. Soc.
Canada, pp. 69-94.

SHINGLE SPRINGS, El Dorado County, California. 38°40'N., 120°56'W.

Found - 1869

Synonyms - El Dorado County, Los Angeles

Iron - nickel rich ataxite

Polished slice - 1.8 x 1.1 x 0.5 cm. 10 gms.

Shephard, C.U.

1872 On a meteoric iron lately found in El Dorado
County, California. Am. Jour. Sci., ser. 3,
vol. 3, p. 438.

SIENA, Tuscany, Italy.

43°19'N., 11°20'E.

Fell - 16-6-1794 - 7 p.m.

Synonyms - Cosona, Lucignano d'Asso, San Giovanni d'Asso

Stone - polymict brecciated intermediate chondrite

Fragment - 3.5 x 2.5 x 1.5 cm. 23 gms.

Tata, D.

1800 Ann. Physics; vol. 6, p. 156.

SILVER CROWN, Laramie County, Wyoming. 41°14'N., 105°59'W.

Found - 1887

Synonyms - Crow Creek, Laramie County, Wyoming

Iron - coarse octahedrite

Polished slice - 4.3 x 2.7 x 0.6 cm. 49 gms.

Kunz, G.F.

1888 On two new masses of meteoric iron; Am. Jour.
Sci., ser. 3, vol. 36, pp. 275-277.

SIRATIK, Upper Senegal, West Africa.

14°S., 11°W.

Found - 1716

Synonyms - Bambuk, Fouta Senegalais, Senegal River

Iron - nickel poor ataxite

Polished slice - 4.5 x 3.5 x 0.4 cm. 37 gms.

Compagnon, P.

1748 Allegemeine Historie de Reisen zu Wasser und
Lande Book 2, p. 510, Chapt. 3, Schwabe, Leipzig.

SKOOKUM, Dawson City, Yukon.

63°56'N., 139°20'W.

Found - 21-1-1905

Iron - nickel rich ataxite

Polished plate - 28 x 20 x 3 cm. 4,367 gms.

Polished plate - 24 x 18 x 0.7 cm. 1,021 gms.

Polished plate - 23 x 18.5 x 2 cm. 2,466 gms.

Johnston, R.A.A.

1915 Gay Gulch and Skookum Meteorites; Mus.
Bull. 15, Geol. Surv., Canada, p. 31.

SMITHVILLE, De Kalb County, Tennessee. 35°59'N., 85°51'W.

Found - 1840

Iron - coarse octahedrite

Polished slice - 10.5 x 8 x 0.8 cm. 511 gms.

Brezina, A.

1895 Die Meteoritensammlung des k.k. naturhistorischen Hofmuseums am 1. Mai 1895, pp. 285-286.

SPRINGWATER, Saskatchewan, Canada. 52°N., 108°18'W.

Found - 1931

Stony-iron - pallasite

Polished slice - 15.5 x 14 x 1 cm. 745 gms.

Nininger, H.H.

1932 The Springwater meteorite; Am. Min., vol. 17, pp. 396-400.

STALLDALEN, Nya Kopparberg, Orebro, Sweden. 59°56'N., 14°58'E.

Fell - 28-6-1876 - 11:30 p.m.

Stone - brecciated grey bronzite chondrite

Fragment - 5 x 4.5 x 3.5 cm. 71 gms.

Nordenskiöld, A.E.

1878 Trenne markeliga eldmeteoror, sedda i Sverige under aren 1876 och 1877; Forh. Geol. Foren. Stockholm, vol. 4, no. 2, pp. 45-61.

STANNERN, Iglau, Moravia, Czechoslovakia. 49°17'N., 15°34'E.

Fell - 22-5-1808 - 6 a.m.

Synonyms - Iglau, Langenpiernitz, Stonarov.

Stone - monomict brecciated eucrite

Fragment - 2.7 x 1.2 x 1 cm. 6 gms.

Jacquín, J.v.

1808 Ein neuer Steinregen, am 22sten Mai 1808 in Mahren; Ann. Physik, vol. 28, pp. 491.

STAUNTON, Augusta County, Virginia. 39°09'N., 79°04'W.

Found - 1858

Synonyms - Augusta County, Foldersville, Louisa County

Iron - medium octahedrite

Polished slice - 4.9 x 4.1 x 0.3 cm. 63 gms.

Mallet, J.

1871 On three masses of meteoric iron from Augusta County., Virginia; Am. Jour. Sci., ser. 3, vol. 2, pp. 10-15.

ST. MICHEL, Finland. 61°39'N., 27°12'E.

Fell - 12-7-1910 - 7:25 p.m.

Stone - white hypersthene chondrite

Fragments - 7.5 x 4.5 x 4 cm. 41 gms.

Fragments - 2 x 1.5 x 1.5 cm. 6 gms.

Borgstrom, L.H.

1912 Der Meteorit von St. Michel; Bull comm. geol. Finlande; vol. 34, pp. 1-49.

SUMMIT, Blount County, Alabama. 34°12'N., 86°29'W.

Known since 1890

Synonym - Blount County

Iron - granular hexahedrite

Polished slice - 3.5 x 1.5 x 0.3 cm. 14 gms.

Kunz, G.F.

1890 On fine new American meteorites; Am. Jour. Sci., ser. 3, vol. 40, pp. 312-323.

TABOR, Bohemia. 49°24'N., 14°39'W.

Fell - 3-6-1853 - 8 p.m.

Synonyms - Krawin, Strkow, Kravin

Stone - brecciated spherical bronzite chondrite

Fragments 0.9 gms.

Stepling, J.

1754 De Pluvia Lapidea Anni 1753 ad Strkow et Ejus Causis Meditatio. Book, p. 33.

TAZEWELL, Claiborne County, Tennessee. 36°26'N., 83°34'W.

Found - 1853

Synonyms - Claibourne County, East Tennessee, Knoxville.

Iron - fine octahedrite

Polished slice - 2.5 x 2 x 0.5 cm. 16 gms.

Shephard, C.U.

1854 A new meteorite from Tennessee; Am. Jour. Sci.,
ser. 2, vol. 17, p. 131.

TIMOCHIN, Yukov, Smolensk, Russia. 59°44'N., 35°12'E.

Fell - 25-3-1807 - 3 p.m.

Synonyms - Juchnow (for Yukhov), Timochina, Timokhina

Stone - spherical chondrite

Slice - 2 x 1.5 x 0.4 cm. 3 gms.

Gilbert, L.W.

1807 Zeitungsnachricht von einem Meteorsteine, der
in Russland herabgefallen ist; Ann. Physik, vol. 26,
pp. 238-239.

TOLUCA, Mexico State, Mexico. 19°34'N., 99°34'W.

Found - 1776

Synonyms - Abert Iron (?), Caparrosa, Ixtlahuaca, Mani,
Moenpilco, Hiquipilco, Ocatitlan, Poinsett Iron,
Teju Iron, Xiquipilco, Ziquipilco.

Iron - medium octahedrite

Polished slice - 2.8 x 1.8 x 0.2 cm. 7 gms.

" " - 9 x 7.5 x 0.8 cm. 294 "

" " - 6.6 x 4.5 x 0.5 cm. 83 "

" " - 8.5 x 6 x 0.7 cm. 175 "

Riggs, R.B.

1887 On two new meteoric irons and an iron of
doubtful nature: Am. Jour. Sci., vol. 34,
ser. 3, pp. 59-60.

TOMATLAN, Jalisco, Mexico.

20°10'N., 105°13'W.

Fell - 17-9-1879 - 4:30 p.m.

Synonyms - Bramudor, Fomatlan, Gargantillo, Jalisco, Tulisca

Stone - spherical chondrite

Fragments

1 gm.

Shephard, C.U.

1885 On the meteorite of Tomatlan, Jalisco, Mexico.
Am. Jour. Sci., ser. 3, vol. 30, pp. 105-108.

TOMBIGBEE RIVER, Choctaw County, Alabama. 32°14'N., 88°12'W.

Found - 1859

Synonyms - De Sotoville, Sotoville

Iron - granular hexahedrite

Polished slice - 12 x 8 x 0.8 cm.

275 gms.

Foote, W.M.

1899 Note on a new meteoric iron found near the
Tombigbee River in Choctaw and Sumter Counties,
Alabama; Am. Jour. Sci., ser. 4, vol. 8,
pp. 153-156.

TOURINNES-LA-GROSSE, Tirlemont, Belgium. 50°47'N., 4°46'E.

Fell - 7-12-1863 - 11:30 a.m.

Synonyms - Louvain, Tirlemont

Stone - white hypersthene chondrite

Fragment - 2 x 1.8 x 0.8 cm.

6 gms.

Van Beneden, P.J., Selys-Longchamps, E.De., Dewalque, G.

1863 Sur un aérolith aperçu en Belgique le 7 Dec. 1863,
Bull. Roy. Acad. Belgique, T. 16, p. 621.

TRENTON, Washington County, Wisconsin.

43°22'N., 88°08'W.

Found - 1858

Synonyms - Colorado (of A. Brezina), Milwaukee

Washington County, Wisconsin.

Iron - medium octahedrite

Polished slice - 4.8 x 3.8 x 0.2 cm.

41 gms.

Fragment - 3.2 x 3.7 x 5.5 cm.

170 gms.

Doerflinger,

1868 Smithsonian Rept. for 1869, pp. 417-419.

TRENZANO, Brescia, Italy. 45°28'N., 10°01'E.

Fell - 12-11-1856 - 4 p.m.
Stone - veined spherical bronzite chondrite
Fragment - 2 x 1.8 x 0.8 cm. 7 gms.

Haidinger, W.K.v.
1860 Einige neuere Nachrichten über Meteoriten,
nanemtllich die von Bokkveldt, New Conord,
Trenzano, die Meteoreisen von Nebraska, von
Brazos, von Oregon; Sitzber. Akad. Wiss. Math.-
naturw. Kl. Wien, vol. 41, pp. 568-572.

TREYSA, Hesse, Germany. 50°55'N., 9°11'E.

Fell - 3-4-1916 - 3:30 p.m.
Iron - medium octahedrite
Slice - 6 x 3.2 x 0.6 cm. 84 gms.

Wegener, A.
1917 Das detonierende Meteor vom 3, April 1916,
Beforder, ges. Naturw. Marburg, vol. 14, pp. 1-83.

VAVILOVKA, Kherson, Ukraine. 46°09'N., 32°50'E.

Fell - 19-6-1876 - 2 p.m.
Synonyms - Cherson (for Kherson), Maksimovka, Wawilowka.
Stone - monomict brecciated amphoterite (rodite)
Fragment - 1.7 x 1 x 0.6 cm. 3 gms.

Prendl, R.
1877 Description du meteorite de Vavilovka; Mem. Soc.
natl. sci. nat. mat. Cherbourg; vol. 21, pp. 203-207.

VACA MUERTA, Taltal, Atacama, Chile. 25.75°S., 70.5°W.

Found - 1888
Synonyms - Carrizalillo, Cerro la Bomba, Chile, Doña Inez,
Janacera Pass, Jarquera, Llano del Inca, Mejillones,
San Pedro, Sierra de Chaco, Taltal, Vegas i Carrizalillo.
Stony iron - mesosiderite
Polished slice - 3 x 1.8 x 1 cm. 16 gms.
" piece - 2.8 x 1.8 x 1.5 cm. 23 "
" slice - 7 x 5 x 4 cm. 37 "
" " - 4 x 2.7 x 0.3 cm. 12 "

VACA MUERTA (cont'd.)

Domeyko, I.

- 1864 Memoire sur les grandes masses d'aerolithes
trouvees au desert d'Atacama dans le voisinage
de la Sierra de Chaca; Compt. Rend. Paris,
vol. 55, pp. 873-874.

VERAMIN, Karand, Tehrân, Persia. 35°20'N., 51°38'E.

Found - 3-5-1880 - 3 hrs. before sunset

Synonyms - Karand, Teheran

Stony iron - mesosiderite

Polished fragment - 1.5 x 0.7 x 0.6 cm.

2 gms.

Dietsch, F.

- 1881 Meteorsteinfall {12 Meil östlich von Teheran}.
"Geologisches, Berg-und Hüttenmännisches aus
Persien." Berg-und Huttenmänn, Ztg. Leipzig,
vol. 40, p. 100.

VERKHNE UDINSK, Transbaikal, Siberia. 54°45'N., 113°59'E.

Found - 1854

Synonyms - Niro, Werkne Udinsk, Witim

Iron - medium octahedrite

Polished slice - 3 x 2 x 0.2 cm.

15 gms.

Rose, G.

- 1863 Beschreibung und Eintheilung der Meteoriten
auf Grund der Sammlung in mineralogischen
Museum zu Berlin; Abhandlung Akad. Wiss.
Phys-math. kl. Berlin, pp. 55, 153.

WACONDA, Mitchell County, Kansas. 32°20'N., 98°10'W.

Found - 1873

Synonym - Mitchell County

Stone - polymict brecciated spherical hypersthene chondrite

Fragment - 3 x 1.5 x 1.2 cm.

11 gms.

Stephard, C.U.

- 1876 Notice of the meteoric stone of Waconda; Am.
Jour. Sci., ser. 3, vol. 11, pp. 473-474.

WALKER COUNTY, Alabama.

34°N., 87°10'W.

Found - 1832

Synonyms - Alabama, Claiborne, Lime Creek, Morgan County

Iron - hexahedrite

Polished slice - 2 x 2 x 0.3 cm.

6 gms.

Cohen, E.

1897 Ueber ein angebliches Meteoreisen von Walker
Co., Alabama; Vereinigte Staaten, Mitt. naturw. ver.
Neu-vorpom. u. Rügen, vol. 29, pp. 35-39.

WARRENTON, Warren County, Missouri.

38°41'N., 91°09'W.

Fell - 3-1-1877 - 7:15 p.m.

Stone - spherical hypersthene chondrite (ornansite)

Fragment - 2.1 x 1 x 1 cm.

5 gms.

Smith, J.L.

1877 A description of the Rochester, Warrenton, and
Cynthiana meteoric stones, which fell respectively
Dec. 21, 1876, Jan. 3, 1877, and Jan. 23, 1877
with some remarks on previous falls of meteorites
in the same regions; Am. Jour. Sci., ser. 3,
vol. 13, p. 243.

WELLAND, Welland County, Ontario.

43°N., 79°15'W.

Found - 30-4-1888

Iron - medium octahedrite

Polished slice - 2.5 x 2 x 0.5 cm.

18 gms.

Polished slice - 9 x 9 x 0.8 cm.

290 gms.

Howell, E.E.

1890 Description of new meteorites; Proc. Rochester
Acad. Sci., vol. 1, pp. 86-103.

WICHITA COUNTY, Texas.

34°04'N., 98°55'W.

Found - 1836

Synonyms - Austina, Brazos River, Red River, Young County

Iron - coarse octahedrite

Polished slice - 16.5 x 6 x 0.8 cm. 2,100 gms.

Shumard, B.F.

1860 Notice of meteoric iron from Texas, Trans.
Acad. Sci., St. Louis, vol. 1, pp. 622-623.

WILLAMETTE, Clackamas County, Oregon.

45°21'N., 122°37'W.

Found - 1902

Iron - medium octahedrite

Polished slice - 31.5 x 23.5 x 1 cm. 1,589 gms.

Ward, H.A.

1904 Willamette meteorite; Proc. Rochester
Acad. Sci., vol. 4, pp. 137-148.

WOLD COTTAGE, Thwing, Scarborough, Yorkshire
England.

Fell - 13-12-1795 - 3:30 p.m.

Synonym - Yorkshire

Stone - veined white chondrite

Fragment - 2 x 1.7 x 0.7 cm. 8 gms.

Topham

1796 Gentleman's Magazine; vol. 66, pp. 728, 845.

YOUNDEGIN, Avon, Southwest Division, West
Australia.

32°06'S., 117°47'E.

Found - 1884

Synonyms - Penkarring Rock, Yundagin, Yundegin

Iron - coarse octahedrite

Polished slice - 4 x 2 x 0.3 cm. 17 gms.

Fletcher, L.

1887 On a meteoric iron found in 1884 in subdistrict
of Youndegin, Western Australia, and containing
Cliftonite, a cubic form of graphitic carbon; Min.
Mag., vol. 7, pp. 121-130.

ZAVID, Zvornik, Bosnia, Yugoslavia. 44°24'N., 19°07'E.

Fell - 1-8-1897

Stone - brecciated grey hypersthene chondrite

Fragment - 4 x 3 x 2 cm. 23 gms.

Berwerth, F.

1901 Wissensch. Mitt. aus Bosnien und der Hercegovina.

Bd. 8, pp. 1, 18.

TEKTITES, Dalat, Annam.

Elongate form - 17 pc. 157 gms.

Round form - 5 pc. 78 "

Form aplie - 8 pc. 132 "

Tektites - Australia

Buttons - 8 pc. 7 "

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