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CATALOGUE OF THE
COLLECTION OF METEORITES

BY

OLIVER CUMMINGS FARRINGTON

Curator, Department of Geology.



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CATALOGUE OF THE COLLECTION OF METEORITES

Since the publication of the last catalogue of the meteorite collection* the collection has been more than doubled both in number of falls and in weight. The last catalogue listed 251 falls and a weight of 2,289 kilograms; the present catalogue records 657 falls and a weight of 7,566 kilograms. This great increase has come chiefly through the acquisition of the Ward-Coonley collection, a collection which numbered 620 falls and had a weight of 2,495 kilograms. The Ward-Coonley collection included that of James R. Gregory of London, numbering 406 falls, and that of Count Julien de Siemaschko of St. Petersburg, numbering 402 falls. The specimens listed as belonging to these collectors in Wülfing's catalogue† are now therefore chiefly to be found in the Field Museum. Among important specimens included in the Gregory collection were an individual of Youndegin weighing 141 kilos (310 lbs.) and of Nejed weighing 48 kilos (105 lbs.); also about one-third the original mass of Pipe Creek. The Siemaschko collection was notable especially for its fine series of Russian and Siberian meteorites, among which were a large individual of Indarch weighing 18 kilos, a large mass weighing 2.2 kilos of Mighei, about one-third the original mass of Pavlodar (Jamyschewa) and a large mass of Tabory (Ochansk). The specimens obtained by Professor Ward personally included masses of Ilimaës, Lampa, Arispe, Yanhuitlan, Santa Rosa, Ballinoo, Barratta and Roebourne. Individuals or large masses of the Bath Furnace, Billings, Bluff, Canyon City, Castine, Estacado, Illinois Gulch, Luis Lopez, McKinney, Ness County, Oakley, Petersburg, Saint Genevieve and Surprise Springs meteorites also proved important features of Professor Ward's collection, and the amount of Canyon Diablo contained in his collection was the largest in the possession of any collector. In addition to the material obtained from the Ward-Coonley collection the Museum has acquired subsequent to the publication of the last catalogue, representatives of about 50 falls. These included the total masses of Ahumada (52 kilos), Blanket (3 kilos), Leighton (850 grams), Pickens County (380 grams), Rodeo (44 kilos), South Bend (2 kilos) and the large masses of Quinn Canyon and Davis Mountains weighing 1,450 and 690 kilos respectively.

*Pubs. Field Col. Mus. 1903, Geol. Ser. 2, 79-124.

†Die Meteoriten in Sammlungen. Tübingen, 1897.

The following table shows the falls having a larger representation in this collection than in any other so far as known; also for comparison the total known weights of the falls:

Name	Weight in grams in Museum collection	Total known weight in grams
Ahumada	46,999	52,548
Ballinoo	11,111	42,999
Barratta	94,241	167,516
Bath Furnace	84,174	86,293
Billings	13,270	24,462
Bishop Canyon	8,649	8,649
Blanket	3,148	3,148
Bluff	35,577	146,000
Brenham	492,888	900,000
Canyon City	4,635	8,493
Canyon Diablo	2,306,613	4,000,000
Castine	42	93
Colfax	891	2,200
Crab Orchard	14,585	43,000
Davis Mountains	690,000	692,265
Estacado	118,602	290,000
Farmington	29,826	84,000
Hopewell Mounds	145	159
Illinois Gulch	662	2,435
Indarch	20,087	27,000
Indian Valley	9,775	14,200
Kenton County	74,445	163,000
Leighton	460	850
Long Island	543,275	564,000
Los Reyes	19,500	19,500
Luis Lopez	3,061	6,903
McKinney	57,336	137,200
Mighei	2,255	7,948
Morristown	4,598	16,300
Ness County	19,790	25,000
Oakley	9,105	27,900
Pavlodar	1,360	4,036
Petersburg	214	1,764
Pickens County	380	380
Pipe Creek	4,307	13,500
Quinn Canyon	1,450,000	1,450,000
Rodeo	39,240	44,100
Roxbourne	39,812	86,523
Saint Genevieve	106,919	244,167
Saline	22,902	31,130
Santa Rosa	99,280	612,500
Scott City	1,860	2,035
South Bend	2,463	2,494
Surprise Springs	1,008	1,524
Toluca	227,772	1,000,000
Ute Pass	120	120
Veramin	844	45,000

The following falls are represented in the collection by large numbers of complete individuals:

Brenham	4 large individuals
Canyon Diablo	17 large, 105 small individuals
Estherville	143 individuals
Forest City	722 individuals

Holbrook	197 individuals
Mocs	38 individuals
Ness County	27 individuals
Pultusk	173 individuals
Toluca	34 individuals

Also of the following falls one or more complete, or nearly complete, individuals are included in the collection: Admire, Agen, Ahumada, Arispe, Barratta (2), Bath Furnace, Bielokrynitschie, Bischtübe, Bishop Canyon, Blanket (2), Blansko, Bluff, Cangas de Onis, Crab Orchard, Davis Mountains, Dokachi, Doña Inez (5), Gilgoin, Glorieta Mountain (2), Hessle (3), Homestead (2), Indarch, Kyushu, Leighton, Limerick, Llano del Inca (2), Los Reyes, Modoc (3), Nagy-Borove, Nejed, Pickens County, Plainview, Quinn Canyon, Scott City (2), South Bend, Stannern and Vaca Muerta.

The form and arrangement of this catalogue are similar to those of previous catalogues of the collection, the arrangement being an alphabetical one for all falls, with a description, weight and number for each specimen. The classification given to each fall has been in the main that assigned by Brezina in the Ward-Coonley catalogue.* Where obvious discrepancies occur, however, they have been noted by the writer. In some cases where there was a lack of correspondence between the specimen and Brezina's classification, sufficient material did not seem to be at hand to warrant suggesting a change, while in other cases it appeared that Brezina's determination might have been based on insufficient material. A determination of the classification of each meteorite in whatever collection possessed the largest quantity of the fall would, in many cases, be desirable, although even with a large amount of material individual judgments might differ. The writer has followed Cohen† in grouping together the various falls of Great Nama Land (Amalia, Great Fish River, Lion River, Mukerop and Springbok River) under the single name of Bethany. This reduces the number of falls from that region considerably from those usually listed, but the great similarity of the etching figures of these meteorites make it seem probable to the writer, as it has to other authorities, that these masses had a single origin. Berwerth‡ has been followed in grouping the Japanese falls, Oshima, Hishikari, Maeme and Shigetomi, under the single name of Kyushu. In the case of Coahuila the various irons have been grouped according to the practice which has now become common. Effort has been made to exclude all doubtful falls and if in the practice of this principle some specimens which may later

*Catalogue of the Ward-Coonley Collection, Chicago, 1904, pp. 97-103.

†Meteoritenkunde, Heft 3, p. 324.

‡Fortschritte der Min. Krist. u. Pet. 1912, Bd. 2, 234.

prove genuinely meteoric have been excluded, the injury to the subject is, in the opinion of the writer, less than if the opposite policy were pursued.

Macquarie River and Queensland which were listed in Prof. Ward's catalogue have been discontinued, Macquarie River because it has been found by analysis to be non-meteoritic and Queensland because of lack of satisfactory data concerning it. The illustrations accompanying the catalogue show some individual meteorites of the collection which have not been previously figured.

CATALOGUE OF THE COLLECTION.

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
1	Found 1887	Abert Iron. Locality unknown. Iron. Medium octahedrite. Etched slab with crust on edge. Cat. No. 1083.	49
2	Found 1780	Adargas, (Concepcion), Chihuahua, Mexico. Iron. Medium octahedrite. Full-sized etched section, 11x10 cm. Cat. No. 1013. Polished slab with crust. Figures appear on the polished surface. Cat. No. 1012.	266 80
3	Found 1881	Admire, Lyons Co., Kansas. Iron-stone. Brecciated pallasite. Complete in- dividual. Form spheroidal. Much oxidized. Cat. No. 761. End piece with polished surface 23x31 cm. Cat. No. 834. Thick, full-sized section. Polished. Cat. No. 1270. Polished section. Cat. No. 557.	7,700 7,370 2,722 594
4	Fell 1814 Sept. 5 Noon	Agen, Lot-et-Garonne, France. Stone. Veined intermediate chondrite. Nearly complete individual with sawed surface. Cat. No. 1381. Mass with crust. Interior light-gray with darker spots. Cat. No. 526.	292 85
5	Fell 1822 Aug. 7 Night	Agra, (Kadonah), Doab, India. Stone. Veined gray chondrite. Fragment with crust. Cat. No. 1508. Fragment with crust. Cat. No. 584.	18 1
		Ahnigito, see Cape York.	
6	Found 1909	Ahumada, Chihuahua, Mexico. Iron-stone. Pallasite. Nearly complete indi- vidual with sawed surface. Cat. No. 780. Full-sized slab showing structure of metal sponge with angular pores filled with chrysolite. Cat. No. 780.	44,847 2,152
7	Found 1907	Ainsworth, Brown Co., Nebraska. Iron. Brecciated octahedrite. Full-sized slab. Cat. No. 767. Full-sized etched slab showing irregular inclu- sions of schreibersite. Cat. No. 977.	544 164
8	Fell 1838 April 18	Akburpur, N. W. Provinces, India. Stone. Brecciated gray chondrite. Fragment with crust and polished surface. Metal abundant. Cat. No. 1507.	7

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
9	Fell 1806 Mar. 15 5 P. M.	Alais, Gard, France. Stone. Carbonaceous chondrite. Coarse, brown-black powder resembling an earthy coal. Very friable. Cat. No. 1486.	14
10	Fell 1766 July 5 P. M.	Albareto, Modena, Italy. Stone. Spherulitic chondrite. Sawed fragment with crust. Cat. No. 1755.	6
11	Fell 1835 Aug. 4 4:30 P. M.	Aldsworth, Gloucestershire, England. Stone. Veined gray chondrite. Fragment with crust. Cat. No. 1776.	4
12	Fell 1873 (?)	Aleppo, Syria. Stone. Brecciated white chondrite. Fragment with crust. Cat. No. 1778. Fragment from interior. Cat. No. 1779. Fragment with crust. Cat. No. 544.	10 9 1
13	Fell 1860 Feb. 2 11:45 A. M.	Alessandria, Alessandria, Italy. Stone. Veined gray chondrite. Mass with crust and polished surface. Metal abundant. Cat. No. 1513.	70
14	Fell 1883 Feb. 16 3 P. M.	Alfianello, Brescia, Italy. Stone. Intermediate chondrite. Mass with crust. Cat. No. 1387. Mass from interior. Cat. No. 1386. Mass with crust. Cat. No. 1385. Mass with crust. Cat. No. 334. Mass with crust, pitted. Cat. No. 1384. Mass with crust. Cat. No. 1383. Mass from interior. Cat. No. 333. Mass with crust. Cat. No. 332.	4,082 970 475 300 238 147 134 24
15	Found 1887	Algoma, Kewanee Co., Wisconsin. Iron. Medium octahedrite. Etched fragment with crust. Cat. No. 1059.	10
16	Fell 1899 July 10 8 A. M.	Allegan, Allegan Co., Michigan. Stone. Spherical chondrite. Mass with crust. Chondri readily separable. Cat. No. 1433. Mass with crust. Cat. No. 1432. Mass with crust. Cat. No. 1430. Mass from interior. Cat. No. 1431. Mass with crust. Cat. No. 498. Mass with crust. Gift of Prof. H. A. Ward. Cat. No. 500.	295 270 124 139 86 56
17	Found 1898	Alt Biela, Moravia, Austria. Iron. Fine octahedrite. Etched section with crust. Figures well marked. Cat. No. 1070.	19
18	Found 1889	Amates, Guerrero or Morelos, Mexico. Iron. Fine octahedrite. Oxidized octahedral fragments. Cat. No. 1173.	3

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
19	Fell 1895 Mar. 27	Ambapur Nagla, N. W. Provinces, India.	
		Stone. Crystalline spherulitic chondrite. Fragment from interior. Cat. No. 1575.	13
		Fragment from interior. Cat. No. 1577.	13
		Fragment with crust. Cat. No. 1576.	5
20	Prehistoric	Anderson, Hamilton Co., Ohio. Ironstone. Pallasite. Fragments. Cat. No. 1317.	2
21	Fell 1898 Aug. 5 7:30 A. M.	Andover, Oxford Co., Maine. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 1466.	91
22	Fell 1822 June 3 8:30 P. M.	Angers, Maine-et-Loire, France.	
		Stone. Veined white chondrite. Fragment from interior. Cat. No. 1468.	25
		Fragment with crust. Cat. No. 1469.	3
23	Fell 1869 Jan. 30 5 A. M.	Angra dos Reis, Rio Janeiro, Brazil.	
		Stone. Angrite. Sawed slice. Cat. No. 1369.	6
		Fragment with crust. The black, smooth crust characteristic of this meteorite is well shown. Cat. No. 1368.	4
24	Found 1889	Apoala, Oaxaca, Mexico.	
		Iron. Fine octahedrite. Full-sized, etched section. Shows circular nodules of troilite and elongated ones of schreibersite. Cat. No. 1009.	1,360
		Full-sized, etched section. Shows Reichenbach lamellae. Cat. No. 1008.	764
		Apolonia, see Santa Apolonia.	
25	Fell 1803 Oct. 8 10 A. M.	Apt, (Saurette), Vauchese, France.	
		Stone. Veined gray chondrite. Mass with crust. Extensive veining gives a brecciated appearance. Cat. No. 1472.	34
26	Found 1898	Aragon, Polk Co., Georgia. Iron. Nickel-poor ataxite. Two fragments. Cat. No. 1962.	5
27	Found 1898	Arispe, Sonora, Mexico.	
		Iron. Coarsest octahedrite. End piece of 40 kg. individual. Etched face 30x44 cm. Cat. No. 1089.	32,659
		Nearly complete individual. Loaned by W. P. Blake. Cat. No. 781.	8,184
		Thick, etched slab. Cat. No. 1011.	1,304
		Full-sized, etched section. Gift of W. P. Blake. Cat. No. 781.	350
28	Found 1894	Arlington, Sibley Co., Minnesota.	
		Iron. Medium octahedrite. Etched slab with crust on broad surface. Cat. No. 976.	94
		Etched fragment, with crust. Shows typical octahedral figures, with the kamacite uniformly bordered with taenite. Cat. No. 459.	70

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
29	Fell 1805 Nov.	Asco, Corsica. Stone. Veined white chondrite. Fragment with crust and large mass of troilite. Cat. No. 1522.	4
		Fragment from interior. Cat. No. 1523.	5
30	Found 1839	Asheville, (Baird's Farm), Buncombe Co., North Carolina. Iron. Medium octahedrite. Etched fragment crust. Cat. No. 1086.	5
		Assam, India. Stone. Brecciated gray chondrite. Coarse, dark powder with one light-colored fragment. Cat. No. 1829.	3
32	Fell 1886 May 24 7 A. M.	Assisi, Perugia, Italy. Stone. Spherulitic chondrite. Sawed fragment with crust. Interior dark gray. Cat. No. 1502.	70
		Fragment with crust. Cat. No. 1503.	60
33	Fell 1896 Feb. 26	Atemajac, Sierra de Topalpo, Jalisco, Mexico. Stone. Gray chondrite. Mass with crust. Cat. No. 1521.	32
		Aubres, Drome, France. Stone. Bustite. Fragments. Color ash gray. Cat. No. 1506.	3
35	Found 1867	Auburn, Lee Co., Alabama. Iron. Hexahedrite. Two irregular fragments with oxidized surfaces. Surfaces are rounded like individual meteorites. Cat. No. 1111.	23
		Sawed fragments with crust. Cat. No. 92.	5
36	Found 1890	Augustinowka, Ekaterinoslaw, Russia. Iron. Fine octahedrite. Etched end piece. Contains large troilite nodule and veins of "iron glass." Cat. No. 971.	960
		Sawed mass with crust. Etched. Cat. No. 508.	217
		Numerous oxidized fragments. Cat. No. 972.	72
		Oxidized fragment colored green by nickel salts. Cat. No. 507.	59
37	Fell 1842 June 3 9 P. M.	Aumieres, Lozere, France. Stone. Veined white chondrite. Fragment with crust. Cat. No. 1741.	19
		Fragment from interior with one polished surface. Metallic grains few. Cat. No. 1742.	15
		Fragment with crust. Cat. No. 491.	8
38	Fell 1858 Dec. 9 7:30 A. M.	Aussun, (Clarac), Haute Garonne, France. Stone. Spherical chondrite. Mass from interior. Cat. No. 1510.	182
		Mass with crust and sawed surface. Cat. No. 1511.	160
		Mass from interior. Cat. No. 272.	22
		Mass from interior. Cat. No. 271.	13

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
39	Fell 1856 June	Avilez , Durango, Mexico. Stone. Spherical chondrite. Fragment with crust. Cat. No. 1574.	6
40	Found 1842	Babb's Mill , Greene Co., Tennessee. Iron. Nickel-rich ataxite. Morradal group. Polished slab. Cat. No. 109. Etched slab with crust. Cat. No. 906. Etched slab. Etching produces minute pits. Cat. No. 904. Polished slab with crust. Cat. No. 905.	70 47 45 43
41	Fell 1814 Feb. 15 Noon	Bachmut , (Alexejewka), Ekaterinoslaw, Russia. Stone. White chondrite. Sawed slab with crust and polished surface. Cat. No. 1379. Fragment with crust and polished surface. Cat. No. 234.	26 12
42	Found 1871	Bacubirito (Ranchito), Sinaloa, Mexico. Iron. Finest octahedrite. Thick, etched slab. 7x15 cm. Cat. No. 1124. Thick, etched mass. Cat. No. 537.	1,445 352
43	Found 1891	Bald Eagle , Lycoming Co., Pennsylvania. Iron. Medium-octahedrite. Full-sized section, etched. Figured by Ward. Cat. of 1904, Plate VII. Cat. No. 1006.	300
44	Found 1893	Ballinoo , West Australia. Iron. Finest octahedrite. Section 145x263 mm. with crust. The crust surface shows three of the circular depressions typical of this iron. They appear to be related to corresponding troilite inclusions. Cat. No. 979. End piece, 70x150 mm. etched. Cat. No. 980.	8,390 2,721
45	Fell 1871 Dec. 10 1:30 P. M.	Bandong , Java. Stone. Rodite. Mass with crust. Interior blue-gray, fine-grained. Crust black, thin. Cat. No. 1753. Mass from interior. Of lighter color than the preceding. Cat. No. 1754. Two fragments from interior. Cat. No. 304.	17 8 1
46	Fell 1790 July 24 9 P. M.	Barbotan , Gascony, France. Stone. Veined gray chondrite. Mass with crust and polished surface. Color brownish-gray. Cat. No. 1844. Mass with crust. Cat. No. 214. Fragment from interior. Cat. No. 213.	315 130 6
47	Fell 1842 July 4	Barea , Logrono, Spain. Iron-stone. Mesosiderite. Fragment with polished surface. Cat. No. 1264. Fragment. Cat. No. 1265.	5 2

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
48	Found 1855	Barranca Blanca, Chile. Iron. Brecciated octahedrite. Fragment 13x24 cm. with torn and etched surfaces. Figures irregular. Cat. No. 1085.	16
49	Found 1852	Barratta, New South Wales. Stone. Intermediate chondrite. Nearly complete individual. One surface polished. This is the largest known individual of the fall. It is well oriented, the direction of movement having been at right angles to the longest axis of the mass. See Plates LX and LXI. Cat. No. 1465. Nearly complete individual. One surface polished. Cat. No. 1464. Full-sized, polished section 22x54 cm. A strong tendency to "sweating" is noticeable. Cat. No. 1463. Full-sized, polished section. Cat. No. 1462. Full-sized, polished section 10x15 cm. Cat. No. 539.	72,348 16,761 3,402 1,435 295
50	Fell 1892 Aug. 29	Bath, Brown Co., South Dakota. Stone. Brecciated spherical chondrite. Section 53x115x140 mm. with polished surfaces. Cat. No. 1782. Mass with crust and armored surface. Cat. No. 351.	1,700 1,276
51	Fell 1902 Nov. 15 6:45 P. M.	Bath Furnace, Bath Co., Kentucky. Stone. Intermediate chondrite. Complete individual, the largest of the fall. It is strikingly oriented. Cat. No. 1332. End piece with crust. Polished. Cat. No. 1331. End piece with crust. Polished. Cat. No. 555. One half of a complete individual. Cat. No. 570.	80,739 3,061 366 88
52	Found 1866	Bear Creek, Jefferson Co., Colorado. Iron. Fine octahedrite. Etched section with crust on three sides. Cat. No. 1125. Fragment showing crust. Octahedral cleavage well displayed. Cat. No. 88. Thin slab, etched. The figures are well marked, the plates of taenite being very distinct. Cat. No. 89.	62 43 27
53	Fell 1893 May 26 3:30 P. M.	Beaver Creek, West Kootenai District, British Columbia. Stone. Crystalline spherical chondrite. Mass with crust and polished surface. Cat. No. 1393. Mass with crust. Cat. No. 1392. Mass from interior. Cat. No. 1391. Mass with crust. Cat. No. 1390. Mass with crust. Cat. No. 353. Fragment with crust. Cat. No. 352.	1,103 575 229 155 19 1

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
54	Found 1888	Bella Roca, Durango, Mexico. Iron. Fine octahedrite. Full-sized slab, 29x8 cm. etched. Shows large, elongated nodules of troilite and oriented veinings of schreibersite. Cat. No. 984. About half of slab next to previous. Characters similar. Cat. No. 985. Etched mass with crust. Cat. No. 611.	745 440 224
55	Fell 1798 Dec. 19 8 P. M.	Benares, N. W. Provinces, India. Stone. Spherulitic chondrite. Mass with crust. Crust black, interior light-gray. Chondri not evident. Cat. No. 1505. Fragment with crust. Cat. No. 217.	61 1
56	Found 1784	Bendego, Bahia, Brazil. Iron. Coarse octahedrite. Etched slab with crust. Cat. No. 5. Etched slab with crust. Cat. No. 897. Etched slab with elongated troilite. Cat. No. 6. Etched slab with crust. Figures dimly outlined. Cat. No. 896.	1,132 920 855 735
57	Fell 1811 July 8 8 P. M.	Berlanguillas, Burgos, Spain. Stone. Veined intermediate chondrite. Fragment with crust. Cat. No. 1756. Fragment from interior with polished surface. Cat. No. 1757. Polished fragment. Texture firm. Abundant metallic grains. Cat. No. 492.	10 9 5
58	Found 1838	Bethany, Great Namaqua Land, Africa. Iron. Finest octahedrite. The writer follows Cohen (Meteoritenkunde, Heft III) in grouping Mukerop, Lion River, Great Fish River and Springbok River under the name Bethany. Fragment with crust. Cat. No. 1028. Great Fish River. Fragment. Cat. No. 1029. Springbok River. Etched fragment. Cat. No. 1030. Thin shaving, etched. Cat. No. 825. Lion River. Etched slab. Cat. No. 1032. Etched slab. Cat. No. 376. Etched slab. Cat. No. 1031. Etched slab. Cat. No. 62. Mukerop. Mass with crust and two etched surfaces. Cat. No. 1033. Full-sized section, 36x69 cm. etched. Cat. No. 1034. Etched slab, with figures differing on two sides of a median line. Cat. No. 569. Etched slab. Cat. No. 1035. Etched slab. Cat. No. 552. Amalia. Full-sized section, 33x37 cm. etched. "Faulting" is well shown. Cat. No. 789.	4 11 10 2 215 62 45 27 22,650 20,411 429 293 10 9,460

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
59	Fell 1859 Aug. 11 7:30 A. M.	Bethlehem, Albany Co., New York. Stone. Crystalline spherulitic chondrite. Fragment from interior. Cat. No. 1843.	1
60	Fell 1859 May	Beuste, Basses Pyrénées, France. Stone. Brecciated gray chondrite. Full-sized section with crust. One side polished. The brecciated structure is well shown. Cat. No. 1568.	37
61	Fell 1827 Oct. 5 9:30 A. M.	Bialystock, Bialystock, Russia. Stone. Howardite. Fragment from interior. Light-colored, friable. Cat. No. 1563.	5
62	Fell 1887 Jan. 1 6 P. M.	Bielokrynitschie, Volhynia, Russia. Stone. Brecciated intermediate chondrite. Complete individual. Cat. No. 1394. Polished slab from interior. Cat. No. 1395. Fragment with crust. Cat. No. 1396. Polished fragment with crust. Cat. No. 484.	257 34 22 9
63	Found 1905	Big Skookum Gulch, Yukon, Alaska. Iron. Nickel-rich ataxite. Etched section. Cat. No. 1963.	728
64	Found 1903	Billings, Christian Co., Missouri. Iron. Medium octahedrite. About one-fourth the original mass. Polished and etched. Cat. No. 1098. Full-sized, etched section. Cat. No. 1097. Etched section. Cat. No. 601.	11,906 843 521
65	Found 1880	Bingara, New South Wales. Iron. Granular hexahedrite. Shavings. Cat. No. 1078.	1
66	Found 1888	Bischtübe, Turgai, Russia. Iron. Coarse octahedrite. Full-sized etched section. Cat. No. 913. Complete individual. Cat. No. 912. Thin slab from interior. Etched. Figures much like those of a medium octahedrite. Cat. No. 914.	1,814 630 37
67	Found 1912	Bishop Canyon, San Miguel Co., Colorado. Iron. Fine octahedrite. Complete individual. Cat. No. 1955. Etched fragment. Cat. No. 1948.	8,607 42
68	Fell 1843 Mar. 25	Bishopville, Sumter Co., South Carolina. Stone. Veined chladnite. Fragments showing crust. Cat. No. 1886. Fragments from interior. Cat. No. 1888. Fragments from interior. Cat. No. 1887. Fragments with and without crust. Cat. Nos. 251-3.	34 27 18 8

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
69	Fell 1895 April 26 3 P. M.	Bishunpur, N. W. Provinces, India. Stone. Black chondrite. Fragment with crust. Shows white chondri in dark matrix. Cat. No. 1537.	1
70	Found 1862	Bitburg, (Albacher Mühle), Rhenish Prussia. Iron-stone. Pallasite. Porous slab with one surface 6x9 cm. polished. Cat. No. 1259. Porous mass 4x4 cm. containing grains of charcoal. Cat. No. 1258. Porous slab with one surface polished. Cat. No. 1257. Mass with crust and polished surfaces. Cat. No. 31. Polished porous slab. Cat. No. 30.	572 206 186 72 22
71	Fell 1796 Jan. 15	Bjelaja Zerkov, Kief, Russia. Stone. Spherulitic chondrite. Fragments with crust. Crust black, interior rusty brown. Cat. No. 1416.	7
72	Fell 1899 Mar. 12 10:30 P. M.	Björböle, Finland. Stone. Spherical chondrite. Mass with crust. Cat. No. 1428. Mass with crust. Cat. No. 1427. Mass with crust. Shows angular inclusions of a finer grain. Cat. No. 522. Mass from interior. Shows vein of troilite. Cat. No. 1426.	4,983 906 310 86
73	Found 1835	Black Mountain, Buncombe Co., North Carolina. Iron. Coarse octahedrite. Several octahedral fragments. Cat. No. 1080.	7
74	Fell 1909 May 30 10:30 P. M.	Blanket, Brown Co., Texas. Stone. Complete individual. Cat. No. 1964. Complete individual. Cat. No. 1965. Gift of Stanley Field and Arthur B. Jones. See Plate LXII.	1,632 1,516
75	Fell 1833 Nov. 25 6:30 P. M.	Blansko, Moravia, Austria. Stone. Veined gray chondrite. Nearly complete individual. One polished surface. Metal abundant. Cat. No. 1571.	11
76	Found 1890	Blue Tier, Tasmania. Iron. Medium octahedrite. Etched fragment 14x19 mm. with oxidized surface. Figures not well marked. Cat. No. 952.	9

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
77	/ Found 1878	<p>Bluff, Fayette Co., Texas. Stone. Brecciated crystalline chondrite. End piece, with polished surface 25x35 cm. Alteration extends inward from the crust about 1 cm. Cat. No. 173.</p> <p>Complete individual. This is a crusted fragment of a much larger individual. A primary crust is shown on a relatively small surface. The remainder of the crust is secondary. The surface is much reddened by oxidation. See Plate LXIV. Cat. No. 1461.</p> <p>Full-sized, polished section, 27x55 cm. Cat. No. 1460.</p> <p>Full-sized, polished section 30x46 cm. Cat. No. 1459.</p> <p>Polished section 31x38 cm. showing the characteristic veins of the meteorite. Cat. No. 174.</p>	<p>10,985</p> <p>8,619</p> <p>7,483</p> <p>5,556</p> <p>2,934</p>
78	Fell 1804 Nov. 24	<p>Bocas, San Luis Potosi, Mexico. Stone. White chondrite. Fragment with crust. Interior veined. Cat. No. 1497.</p>	1
79	Found 1829	<p>Bohumilitz, Bohemia. Iron. Coarse octahedrite. Full-sized, etched section, 13x22 cm. Cat. No. 899.</p> <p>Etched slab with crust. Cat. No. 487.</p> <p>Thin slab, etched. Cat. No. 898.</p>	<p>1,559</p> <p>275</p> <p>48</p>
80	Fell 1808 April 19 Noon	<p>Borgo San Donino, Cusignano, Italy. Stone. Howarditic chondrite. Fragment with crust. Large grains of troilite and dark-gray bronzite chondri are noticeable. Cat. No. 1530.</p> <p>Interior fragment. Cat. No. 1531.</p>	<p>6</p> <p>5</p>
81	Fell 1894 May 9 4 P. M.	<p>Bori, Betul, India. Stone. Veined intermediate chondrite. Mass 5x5x7 cm. with crust. The texture is noticeably coarse. Cat. No. 1382.</p>	497
82	Fell 1852 Oct. 13 3 P. M.	<p>Borkut, Marmaros, Hungary. Stone. Spherical chondrite. Sawed fragment with crust. Texture coarse. Color dark gray. Cat. No. 1555.</p>	78
83	Fell 1812 Sept. 5 1 A. M.	<p>Borodino, Moscow, Russia. Stone. Brecciated gray chondrite. Fragment with crust. Polished. Firm texture, rusty brown color. Cat. No. 1420.</p>	1
84	Found 1823	<p>Botschetschki, Kursk, Russia. Stone. Gray chondrite. Slice 2x3 cm. from interior, two sides polished. Color so dark that the meteorite appears like a black chondrite. Cat. No. 1570.</p>	11

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
85	Found 1810	Brahin, Minsk, Russia. Iron-stone. Pallasite. Slab with polished surface. Cat. No. 1318. Torn mass. Cat. No. 1319.	53 32
86	Fell 1847 July 14 3:45 A. M.	Braunau, Hauptmannsdorf, Bohemia. Iron. Hexahedrite. Wedge-shaped mass from interior. Shows cubic cleavage. Cat. No. 908. Etched slab with crust. Three faces etched. One shows grains of different sheen with Neumann lines running in different directions. Cat. No. 907. Mass with crust. Cat. No. 604. Sawed block showing natural surface with pits. The crust surface has the color of blued steel. Cat. No. 55.	278 106 50 47
87	Fell 1855 May 13 5 P. M.	Bremervörde, (Gnarrenburg), Hannover, Germany. Stone. Brecciated spherical chondrite. Fragment with crust and polished surface. The polished surface is gray, mottled with white chondri and irregular metallic grains, some of them large. Crust black, thin. Cat. No. 438. Fragment with crust. Cat. No. 1758.	72 17
88	Found 1882	Brenham, Kiowa Co., Kansas. Iron-stone. Pallasite. Complete individual, the largest of the fall. Form roughly heart-shaped. Cat. No. 200. Complete individual. Almost wholly iron. Kidney-shaped. Cat. No. 204. End piece of large individual. One polished surface. Cat. No. 1278. Complete individual of spheroidal form. Almost wholly iron. Cat. No. 205. End piece with polished surface, 27x34 cm. Cat. No. 1277. End piece with polished surface, 16x31 cm. Cat. No. 1276. Full-sized section, polished. Cat. No. 203. Complete individual. Form hemispheroidal. Cat. No. 202. Full-sized section, polished. The chrysolite is exceptionally transparent. Cat. No. 198. Thin, broad section, 16x36 cm. Polished. Cat. No. 1275. One-half of a complete individual, one surface polished. Cat. No. 195. Full-sized section, polished. Cat. No. 201. Full-sized section, polished. Cat. No. 197. Full-sized section, polished. The central portion for a width of about 5 cm. is solid metal, but on either side the pallasite structure occurs. Cat. No. 196. Cuboidal section with crust. Cat. No. 1274.	218,847 155,473 44,905 16,091 12,684 9,966 8,490 8,049 4,977 3,171 1,971 1,662 1,653 1,248 1,162

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
88	Found 1882	Brenham, Kiowa Co., Kansas.—Continued. Cuboidal section 5x5x8 cm. with crust. Cat. No. 1273. Full-sized, etched section showing transition from siderite to pallasite. Cat. No. 1272. Polished section. Cat. No. 199. Full-sized, etched section showing transition from siderite to pallasite. Cat. No. 1271. Section. Cat. No. 450. Etched section. Cat. No. 432. Section. Cat. No. 436.	768 587 418 410 165 160 31
89	Found 1890	Bridgewater, Burke Co., North Carolina. Iron. Fine octahedrite. Etched slab with crust. Cat. No. 1895. Etched slab with crust. Cat. No. 137.	83 19
90	Found before 1819	Burlington, Otsego Co., New York. Iron. Medium octahedrite. Etched slab from interior, cut nearly parallel to cubic directions. Bands swollen. Cat. No. 915. Wedge-shaped, etched section, showing cleavage. Cat. No. 916.	61 62
91	Fell 1863 June 23 7:30 A. M.	Buschhof, Kurland, Russia. Stone. Veined white chondrite. Mass with crust. Cat. No. 774. Mass with crust. Cat. No. 1473. Fragment from interior. Fine-grained and friable. Cat. No. 1475.	37 22 16
92	Fell 1852 Dec. 2	Bustee, Goruckpur, India. Stone. Bustite. Fragments. Cat. No. 1352.	5
93	Found before 1874	Butler, Bates Co., Missouri. Iron. Finest octahedrite. Etched slab with crust. Cat. No. 1122. Etched slab with crust. The characteristic figures of this iron are well shown. Cat. No. 1121. Etched slab containing nodules of troilite. Cat. No. 96.	326 110 71
94	Fell 1861 May 12 about noon	Butsura, Goruckpur, India. Stone. Intermediate chondrite. Polished slab with crust. Color dark brown. Metal abundant. Takes a good polish. Cat. No. 1884. Fragment with crust and polished surface. Cat. No. 1885. Fragments with crust. Cat. No. 277.	27 11 2
95	Fell 1870 Aug. 18 6:15 A. M.	Cabezzo de Mayo, Murcia, Spain. Stone. White chondrite. Mass with crust. Cat. No. 1514. Mass with crust. Cat. No. 1515.	102 60

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
96	Fell 1886 Mar. 27 3 P. M.	Cabin Creek, Johnson Co., Arkansas. Iron. Medium octahedrite. Etched fragment with crust on one side. Cat. No. 1091.	1
97	Found 1867	Cacaria, Durango, Mexico. Iron. Hammond octahedrite. Mass with crust and three etched surfaces. The crust surface is bright and smooth. Cat. No. 922. Etched slab with crust. Cat. No. 923. Etched slab with crust. Cat. No. 521. The above sections were all labelled Rancho de la Pila, but as they are Hammond octahedrites they are believed by the writer to be Cacaria. See Rancho de la Pila.	1,586 383 180
98	Found 1874	Cachiyuyal, Atacama, Chile. Iron. Medium octahedrite. End piece with etched surface. The bands on the etched surfaces are long and straight. The crust surface shows the deep furrows characteristic of some of the Chilean irons. Cat. No. 958.	760
99	Found 1818	Cambria, Niagara County, New York. Iron. Fine octahedrite. Thin, broad, etched slab. Two included troilite nodules have borders of schreibersite. Cat. No. 928. Etched slab. The bands are both long and short and have wavy outlines. Cat. No. 927.	100 80
100	Found 1783	Campo del Cielo, Gran Chaco, Argentina. Iron. Ataxite. Section 16x6 cm. with crust border. Contains graphite and troilite nodule. Cat. No. 1016. Smaller section from adjoining part of mass. Cat. No. 1017.	on 532 261
101	Fell 1861 May 14 1 P. M.	Canellas, Barcelona, Spain. Stone. Intermediate chondrite. Fragment with crust. Cat. No. 1793. Fragment from interior. Cat. No. 1794.	7 2
102	Fell 1866 Dec. 6	Cangas de Onis, Oviedo, Spain. Stone. Brecciated gray chondrite. Nearly complete individual with crust broken from one end. Cat. No. 1842. Part of a small individual. Cat. No. 1841.	54 40
103	Found 1894.	Canton, Cherokee County, Georgia. Iron. Coarsest octahedrite. Full-sized section, etched. Bands long and of uniform width. A circular nodule of troilite 2 cm. in diameter is present. Cat. No. 1093. Fragment from interior. One surface polished. Cat. No. 1092.	158 110
104	Found 1875	Canon City, Trinity Co., California. Iron. Medium octahedrite. End piece, etched. Cat. No. 1019. Full-sized section, etched. Bands long and straight, fields few. Cat. No. 1018.	4,223 412

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight- in grams.
105	Found 1891	<p>Canyon Diablo, Conconino Co., Arizona. Iron. Coarse octahedrite. Complete individual. Flattened form. Cat. No. 143.</p> <p>Complete individual. Conical form and perforated. Cat. No. 1233.</p> <p>Complete individual. Cat. No. 1234.</p> <p>Complete individual. Cat. No. 1235.</p> <p>Complete individual. Cat. No. 1236.</p> <p>Complete individual. Perforated. Cat. No. 146.</p> <p>Complete individual. Cat. No. 1237.</p> <p>Complete individual. Cat. No. 149.</p> <p>Complete individual. Cat. No. 1238.</p> <p>Complete individual. Cat. No. 1239.</p> <p>Complete individual. Cat. No. 1240.</p> <p>Complete individual. Cat. No. 1241.</p> <p>End piece, etched. Cat. No. 1244.</p> <p>Complete individual. Cat. No. 1242.</p> <p>Complete individual. Gift of Edward E. Ayer Pioneer Hose Company. Cat. No. 497.</p> <p>End piece, etched. Cat. No. 1245.</p> <p>Complete individual. Cat. No. 1243.</p> <p>Thick slab, 20x27 cm., polished. Shows nodules of troilite. Cat. No. 150.</p> <p>Nearly complete individual. One polished surface. Cat. No. 151.</p> <p>Nearly complete individual. Cat. No. 148.</p> <p>Etched section, 35x46 cm. Cat. No. 1246.</p> <p>Etched section, 35x52 cm. Cat. No. 1247.</p> <p>One hundred individuals ranging from 900 to 25 grams each in weight. Cat. No. 1252.</p> <p>Etched section, 18x40 cm. Cat. No. 1248.</p> <p>Etched section, 19x30 cm. Cat. No. 147.</p> <p>Etched section, 20x29 cm. Cat. No. 144.</p> <p>Etched section. Cat. No. 1249.</p> <p>Complete individual. Cat. No. 141.</p> <p>Complete individual. Cat. No. 373.</p> <p>Complete individual. Cat. No. 610.</p> <p>Complete individual. Cat. No. 145.</p> <p>Six fragments. Cat. No. 152.</p> <p>Etched section. Cat. No. 1251.</p> <p>Complete individual. Gift of George Bell. Cat. No. 455.</p>	<p>460,304</p> <p>383,292</p> <p>252,202</p> <p>169,553</p> <p>143,791</p> <p>120,657</p> <p>100,919</p> <p>90,898</p> <p>72,575</p> <p>67,536</p> <p>58,968</p> <p>53,070</p> <p>48,080</p> <p>44,451</p> <p>34,800</p> <p>31,752</p> <p>26,308</p> <p>26,047</p> <p>24,489</p> <p>23,596</p> <p>18,597</p> <p>17,238</p> <p>15,649</p> <p>10,279</p> <p>4,309</p> <p>2,934</p> <p>1,247</p> <p>844</p> <p>620</p> <p>200</p> <p>165</p> <p>123</p> <p>110</p> <p>60</p>
106	Fell 1846 Aug. 14 3 P. M.	<p>Cape Girardeau, Cape Girardeau Co., Missouri. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 1566.</p> <p>Mass with crust. Cat. No. 1567.</p>	<p>43</p> <p>18</p>
107	Found 1793	<p>Cape of Good Hope, Africa. Iron. Ataxite, with hexahedral streaks. Thin, broad slab, etched. Cat. No. 911.</p> <p>Polished slab with crust on one edge, luster dull. Cat. No. 912.</p> <p>Polished slab of brilliant nickel-white color. Cat. No. 29.</p>	<p>169</p> <p>59</p> <p>27</p>

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
108	Found 1869	Caperr, Chubut, Patagonia. Iron. Medium octahedrite. Full-sized section, etched. A long, straight vein of some accessory mineral traverses this specimen. Cat. No. 1005.	383
109	Found 1818	Cape York, Greenland. Iron. Medium octahedrite. Shavings. Cat. No. 953.	6
110	Found 1888	Carcote, Atacama, Chile. Stone. Crystalline chondrite. Sawed fragment. Cat. No. 1492.	1
111	Found 1887	Carlton, Hamilton Co., Texas. Iron. Finest octahedrite. Full-sized, thin slab, 22x30 cm., showing polished and etched surfaces. The etching figures are beautifully distinct and appear as delicate lines running parallel in two directions throughout the mass. Schreibersite is distributed in radiating veins. Cat. No. 131. Full-sized, etched section. Cat. No. 879. Full-sized, etched section. Cat. No. 880.	3,406 3,175 2,721
112	Found 1840	Carthage, Smith Co., Tennessee. Iron. Medium octahedrite. Etched section with crust. Cat. No. 924. Thick slab showing polished and etched surface and crust. Coarse figures are dimly outlined. The lines of taenite are very delicate. Cat. No. 51. Caney Fork. Etched section with crust. Cat. No. 925.	447 50 15
113	Recognized 1867	Casas Grandes, Chihuahua, Mexico. Iron. Medium octahedrite. Broad slab, 24x41 cm. etched. Cat. No. 881..... Broad, etched slab. Cat. No. 882. Etched section, 12x13 cm. Cat. No. 524.	6,003 3,288 608
114	Found 1877	Casey County, Kentucky. Iron. Coarse octahedrite. Etched section in two parts. The kamacite masses are not as broad as in the following specimen. Cat. No. 1076. Etched section with crust. Both granular and hatched kamacite are present in broad masses. The structure of this iron should receive further study. Cat. No. 1075.	42 29
115	Fell 1874 May 14 2:30 P. M.	Castalia, Nash Co., North Carolina. Stone. Gray chondrite. Mass with crust and one sawed surface. Chondri are well shown. Cat. No. 1519. Fragment from interior. Cat. No. 308. Fragment with crust. Cat. No. 307.	185 6 1

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
116	Fell 1848 May 20 4 A. M.	Castine, Hancock Co., Maine. Stone. Veined white chondrite. Mass with crust and polished surface. Crust smooth, interior coarse-grained and friable. Should be classed as a spherulitic chondrite. Cat. No. 1565.	42
117	Found 1885	Central Missouri. Iron. Coarsest octahedrite. End piece with polished surface. Cat. No. 1059.	2,466
118	Fell 1840 July 17 7:30 A. M.	Cereseto, Alessandria, Italy. Stone. Brecciated spherulitic chondrite. Fragment with crust and armoured surface. Cat. No. 1476.	9
119	Found 1904	Chambord, Quebec, Canada. Iron. Medium octahedrite. Etched section with crust. Section cut nearly parallel to a cube. Cat. No. 921.	18
120	Found 1884	Chañaral, Atacama, Chile. Iron. Medium octahedrite. End piece with etched surface. Cat. No. 939.	11
121	Fell 1838 June 6 Noon	Chandakapoor, Berar, India. Stone. Brecciated intermediate chondrite. Mass with crust. Cat. No. 1800. Fragment from interior with two polished surfaces. The stone takes a good polish. Cat. No. 1802. Three fragments from interior, two polished. Cat. No. 245.	68 12 3
122	Fell 1812 Aug. 5 2 A. M.	Chantonay, Vendée, France. Stone. Gray chondrite. Mass from interior. Cat. No. 1791. Mass from interior. Cat. No. 1790. Polished chip. Cat. No. 232.	51 46 2
123	Known 1804	Charcas, San Luis Potosi, Mexico. Iron. Medium octahedrite. Broad, etched section. Cat. No. 931. Etched section with crust. Contains circular troilite nodules. Cat. No. 930.	6,180 1,473
124	Fell 1835 August 1 2-3 P. M.	Charlotte, Dickson Co., Tennessee. Iron. Fine octahedrite. Thin slab, one surface etched. Cat. No. 40. Triangular section with crust. Etched. Cat. No. 923.	7 5
125	Fell 1810 Nov. 23 1:30 P. M.	Charsonville, Loiret, France. Stone. Veined gray chondrite. Two fragments from interior, one with polished surface. Cat. No. 1489. Fragment from interior. Cat. No. 229. Fragment from interior showing broad, black vein. Cat. No. 1490. Thin chip, polished. Cat. No. 230.	42 22 13 2

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
126	Fell 1834 June 12 8 A. M.	Charwallas, Punjab, India. Stone. Intermediate chondrite. Fragments. Cat. No. 1832.	0.2
127	Fell 1815 Oct. 3 8 A. M.	Chassigny, Haute-Marne, France. Stone. Chassignite. Fragment from interior. Grayish-brown with white feldspar laths. If this is Chassigny it has characters which have not been hitherto described. Cat. No. 1780. Fragments from the interior. Composed of light-yellow friable chrysolite specked with black. Cat. No. 546.	10 7
128	Fell 1841 June 12 1:30 P. M.	Chateau Renard, Loiret, France. Stone. Veined intermediate chondrite. Mass with crust and armored surface running into a black vein which is a broad plane. Cat. No. 1804. Mass from interior. Cat. No. 1805. Fragment with crust and polished surface. Body color much darker than that of preceding specimen. Cat. No. 1806. Fragments from interior. Cat. Nos. 247-8.	174 65 15 12
129	Fell 1901 Nov. 30 2 P. M.	Chervettaz, Vaud, Switzerland. Stone. Crystalline spherical chondrite. Frag- ment with crust and polished surface. Chondri- distinct. Cat. No. 1562.	27
130	Found before 1849	Chesterville, Chester Co., South Carolina. Iron. Ataxite. Etched slab with crust. Cat. No. 1077. Thin, etched slab. Cat. No. 56.	139 6
131	Found 1881	Chilcat, Alaska. Iron. Medium octahedrita. Etched section with crust. Cat. No. 1069.	62
132	Found 1902	Chinautla, Guatemala. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 1949.	127
133	Found 1873	Chulafinnee, Cleburne Co., Alabama. Iron. Medium octahedrite. Etched slab with crust. Cat. No. 1109. Etched slab. Figures dim. Cat. No. 94.	88 29
134	Found 1852	Chupaderos, Chihuahua, Mexico. Iron. Fine octahedrite. End piece, etched. Cat. No. 1047. Full-sized, etched slab. Troilite and schreiber- site are prominent constituents. Cat. No. 1045. Full-sized, etched slab. Cat. No. 1046. Etched mass with crust. Bands broader than in the other Chupaderos specimens. Cat. No. 1044.	5,386 2,494 2,409 295

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
135	Found 1898	Cincinnati, Hamilton Co., Ohio. Iron. Ataxite. Etched fragment with crust. The minutely forked structure of the iron is well shown. Cat. No. 1089.	1
136	Found 1860	Cleveland, Bradley Co., Tennessee. (Lea Iron.) Iron. Medium octahedrite. Large, thin slab, showing crust, polished and etched surfaces. Typical figures. Cat. No. 127. Etched slab. Figures distinct. Cat. No. 1196. Etched slab with crust. Cat. No. 1197.	234 174 95
137	Known 1837	Coahuila, Mexico. Iron. Hexahedrite. Bolson de Mapimi. Broad slab, 15x33 cm. etched. Cat. No. 843. Thin, etched section. Cat. No. 844. Broad, thin slab. Cat. No. 845. Broad, thin section. Cat. No. 846. Bonanza. Etched slab with crust. Cat. No. 847. Etched slab. Cat. No. 848. Butcher Iron. Large segment with polished surface. Crust surface smooth. Cat. No. 43. Etched section. Cat. No. 841. Thin, polished slab, showing nodules of troilite. Cat. No. 42. Sancha Estate. Etched slab. Cat. No. 849. Etched slab. Cat. No. 850. Thin, polished slab, partly etched. Cat. No. 37. Turnings. Cat. No. 90. Santa Rosa. Full-sized, polished section. Cat. No. 851.	2,069 445 185 157 1,191 315 3,402 924 653 163 85 70 10 750
138	Found 1882	Cobija, Antofagasta, Chile. Stone, Crystalline chondrite. End piece with polished surface. Cat. No. 1409. Polished section. Cat. No. 753.	1,100 120
139	Fell 1838 Oct. 13 9 A. M.	Cold Bokkeveld, Cape Colony, Africa. Stone. Carbonaceous chondrite. Fragment with crust. Cat. No. 1736. Fragment with crust. Cat. No. 1737. Four fragments with crust, one from interior. Cat. No. 1738. Fragment from interior. Cat. No. 246.	36 19 12 1
140	Found 1880	Colfax, near Ellenboro, Rutherford Co., North Carolina. Iron. Medium octahedrite. End piece, etched. Cat. No. 1960. End piece, etched. Cat. No. 1961. Etched fragment. Cat. No. 1117.	656 193 42
141	Fell 1890 Feb. 3 1:30 P. M.	Collescipoli, Terni, Italy. Stone. Spherical chondrite. Mass with crust. Cat. No. 1532. Mass with crust. Cat. No. 1533. Fragment with crust. Cat. No. 356.	63 44 2

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
142	Found 1905	Coon Butte , Coconino Co., Arizona. Stone. Full-sized section, one surface polished. One light-colored chondrus is 9 mm. in diameter. Cat. No. 1434.	309
143	Known 1860	Coopertown , Robertson Co., Tennessee. Iron. Medium octahedrite. Thin slab, etched. The bands are sometimes 5 mm. in thickness. Cat. No. 83. Etched section with crust. The bands are broad from being doubled in width. Cat. No. 1127. Etched section with crust on three edges. The bands are long with wavy outlines. Cat. No. 1126. Polished section. Cat. No. 822.	82 60 52 21
144	Found 1863	Copiapo , (Sierra de Deesa), Atacama, Chile. Iron. Brecciated octahedrite. Surface section, etched. Cat. No. 833.	195
145	Described 1840	Cosby's Creek , Cocke Co., Tennessee. Iron. Coarse octahedrite. Five octahedral fragments with plates of taenite. Cat. No. 53. Irregular fragment. Shows octahedral cleavage. Cat. No. 890. Irregular fragment. Shows octahedral cleavage. Cat. No. 49. Several irregular fragments. Cat. No. 48. Sevier County. Mass with crust. Cleavage prominent except on crusted surface. Cat. No. 891. Etched slab with crust. Cat. No. 889.	114 58 43 35 2,947 97
146	Fell 1844 Jan. 11 A. M.	Cosina , Guanajuato, Mexico. Stone. Crystalline chondrite. Fragment with one sawed surface. Color dark gray. The chondri are so distinct that the meteorite should apparently be classified as a spherical chondrite. Cat. No. 1561.	5
147	Found 1881	Costilla Peak , Taos Co., New Mexico. Iron. Medium octahedrite. Broad, etched section with crust. Cat. No. 857. Full-sized, etched section, 11x31 cm. Cat. No. 856. Nearly full-sized section, etched, 11x20 cm. Cat. No. 502.	6,804 1,700 1,154
148	Found 1888	Cowra , Bathurst District, New South Wales. Iron. Finest octahedrite. Etched section. Cat. No. 783. Thin, broad section, etched. Schreibersite present in a vein-like mass. Cat. No. 973.	68 25

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
149	Found 1887	Crab Orchard, Cumberland Co., Tennessee. Iron-stone. Mesosiderite. End piece with polished surface 17x26 cm. Cat. No. 187. Complete individual. The surface shows weathering. Cat. No. 185. Full-sized, polished section, 18x27 cm. Cat. No. 1233. End piece with polished surface. Cat. No. 374. End piece with polished surface, 12x13 cm. Cat. No. 183. End piece with polished surface. Cat. No. 1262. Polished fragment. Cat. No. 1261. Etched section. Cat. No. 184.	6,151 4,351 1,786 806 801 605 45 40
150	Found 1852	Cranberry Plains, Giles Co., Virginia. Iron. Octahedrite. Fragment. Cat. No. 1084.	2
151	Found 1854 Described 1887	Cranbourne, Victoria, Australia. Iron. Coarse octahedrite. Full-sized, etched section. Cat. No. 1199. Decomposed fragment. Plates of taenite are distinguishable. Cat. No. 68. Interior fragment with octahedral structure. Cat. No. 1198. Cleavage fragment. Cat. No. 69. Beaconsfield. Full-sized, etched section, 100x120 mm. Cat. No. 1159. Etched section showing distinct figures. Contains two troilite nodules each rimmed by schreibersite. Cat. No. 499. Yarra Yarra River. Thin etched slab. Figures are indicated but are not distinct. Cat. No. 70.	1,586 34 23 4 772 413 15
152	Fell 1877 Mar. 9	Cronstadt, Orange Free State, Africa. Stone. Veined gray chondrite. Fragment with crust. Metal segregated near crust. Cat. No. 1546. Slice with crust. Cat. No. 1547.	6 4
153	Fell 1892 May 24 5 A. M.	Cross Roads, Wilson Co., North Carolina. Stone. Gray chondrite. Mass with crust. Color dark-gray, texture firm. Cat. No. 1559.	18
154	Fell 1902 Sept. 13 10:30 A. M.	Crumlin, County Antrim, Ireland. Stone. Gray chondrite. Fragment with crust and armored surface. Texture firm. Cat. No. 1499.	13
155	Found 1872	Cuba, West Indies. Iron. Medium octahedrite. Oxidized fragments. Cat. No. 1087.	3

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
156	Found 1889	<p>Cuernavaca, Morelos, Mexico. Iron. Fine octahedrite. End piece with two polished surfaces. Schreibersite in hieroglyphic forms is a prominent feature. Cat. No. 1025.</p> <p>Full-sized slab, etched. Shows large, circular nodules of troilite and long, straight veins of schreibersite which run at angles near 90°. Cat. No. 1024.</p>	<p>17,359</p> <p>338</p>
157	Found 1911	<p>Cullison, Pratt Co., Kansas. Stone, Crystalline chondrite. Thin, broad slab with crust and polished surface. Metal abundant. Cat. No. 1746.</p>	154
158	Fell 1877 Jan. 23 4 P. M.	<p>Cynthiana, Harrison Co., Kentucky. Stone. Gray chondrite. Five fragments with crust. Cat. No. 1504.</p> <p>Dakota, see Ponca Creek.</p>	22
159	Found 1879	<p>Dalton, Whitfield Co., Georgia. Iron. Medium octahedrite. Etched section. Cat. No. 1967.</p>	92
160	Fell 1878 Sept. 5	<p>Dandapur, Goruckpur, India. Stone. Veined intermediate chondrite. Sawed mass from interior. Cat. No. 1548.</p> <p>Fragment with crust, one surface polished. Cat. No. 449.</p>	<p>65</p> <p>27</p>
161	Fell 1868 Mar. 20	<p>Daniel's Kuil, Griqualand, West Africa. Stone. Crystalline chondrite. Polished slice and fragment with crust. Color dark brown. Metal abundant. Cat. No. 1500.</p>	16
162	Fell 1868 Nov. 27 5 P. M.	<p>Danville, Morgan Co., Alabama. Stone. Veined gray chondrite. Fragment from interior. Cat. No. 1578.</p>	5
163	Found 1903	<p>Davis Mountains, Jeff Davis Co., Texas. Iron. Medium octahedrite. Individual, complete except for a small piece cut from a projecting corner. The mass is shield-shaped, dimensions 78x68x38 cm. Oriented. Front surface striated and somewhat smoothed. Cat. No. 1946.</p>	690,000
164	Fell 1829 Aug. 14 11:30 P. M.	<p>Deal, Monmouth Co., New Jersey. Stone. Intermediate chondrite. Fragment from interior. Veined. Cat. No. 1543.</p>	0.5
165	Fell 1887 Jan. 21 2 P. M.	<p>De Cewsville, Ontario, Canada. Stone. White chondrite. Fragment from interior. Cat. No. 1558.</p>	0.2

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
166	Found 1846	<p>Deep Springs, Rockingham Co., North Carolina. Iron. Nickel-rich ataxite. Morradal group. Full-sized, etched section, 8x20 cm. The section is somewhat porous from the decomposition of troilite. Cat. No. 883. Nearly complete, etched section, 7x17 cm. Exhibits no figures, but shows a few troilite inclusions. Cat. No. 453. Etched fragment with crust. Cat. No. 884.</p>	690 420 46
167		<p>Delegate, Australia. Iron. Medium octahedrite. Etched section. Cat. No. 1969.</p>	370
168	Found 1865	<p>Dellys, Algeria. Iron. Medium octahedrite. Two irregular fragments, one etched. Cat. No. 1064.</p>	3
169	Found 1856	<p>Denton County, Texas. Iron. Medium octahedrite. Pyramidal fragment with crust. Etched. Cat. No. 1190. Thin slab with crust on edge. Etched. Shows long bands. Cat. No. 1191. Thin slab. Cat. No. 74.</p>	25 17 3
170	Found 1780	<p>Descubridora, San Luis Potosi, Mexico. Iron. Medium octahedrite. Pyramidal mass with one etched surface. This surface has the form of an equilateral triangle 28 cm. on a side. The crust surface is undulating. Cat. No. 947. Full-sized, triangular, etched section. Cat. No. 948. Etched slab. Cat. No. 2. Catorce. Etched slab. Bands long and nearly parallel with edge of section. Cat. No. 949.</p>	28,576 4,677 35 41
171	Fell 1877 Nov. 27 6 P. M.	<p>Dhulia, Bombay, India. Stone. Veined white chondrite. Fragment from interior. Light-colored, friable. Cat. No. 1544. Fragments of dark glass perhaps from crust. Cat. No. 1545.</p>	1 1
172	Fell 1860 July 14 2:15 P. M.	<p>Dhurmsala, Punjaub, India. Stone. Intermediate chondrite. Mass with crust. Cat. No. 1348. Mass with crust. There is a light-colored inclusion. Cat. No. 1347. Mass with crust. Cat. No. 1346. Fragment from interior. Cat. No. 275.</p>	1,415 985 500 5
173	Fell 1884 Mar. 19 4:15 A. M.	<p>Djati Pengilon, Ngawi, Java. Stone. Crystalline chondrite. Mass with crust (?) and sawed surfaces. The structure is very compact and crystalline. Cat. No. 1556. Like previous specimen. Cat. No. 1557.</p>	28 11

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
174	Fell 1903 Oct. 22 7 P. M.	Dokachi, Bengal, India. Stone. Spherical chondrite. Nearly complete individual with polished surface. Metal abundant in minute grains. Cat. No. 1380. Mass with crust. Cat. No. 772.	193 25
175	Fell 1864 June 26 7 A. M.	Dolgowoli, Volhynia, Russia. Stone. White chondrite. Fragment from interior. Cat. No. 1509.	7
176	Found 1888	Doña Inez, Atacama, Chile. Iron-stone. Mesosiderite. Complete individual. Cat. No. 193. Complete individual. Cat. No. 1291. Complete individual. Cat. No. 194. Complete individual. Cat. No. 1292. End piece, polished. Cat. No. 1294. Etched section. Figures are shown on one metallic nodule. Cat. No. 191. Complete individual. Cat. No. 1293. Polished slab. Cat. No. 1295. Polished slab. Cat. No. 1296.	741 269 245 228 55 48 45 23 20
177	Fell 1903 June 29 10 A. M.	Dores dos Campos Formosos, Brazil. Stone. Veined spherulitic chondrite. Cuboidal mass with crust on three sides. Crust reddish. Cat. No. 1528.	147
178	Fell 1805 April 6 5 P. M.	Doroninsk, Irkutsk, Siberia. Stone. Brecciated gray chondrite. Mass with crust. The specimen shows characters typical of its class. Cat. No. 1560.	53
179	Fell 1827 May 9 4 P. M.	Drake Creek, Sumner Co., Tennessee. Stone. Veined white chondrite. Mass with crust. Crust crackled, interior friable. Cat. No. 1526. Fragment with crust. Shows more oxidation and chondri than previous specimen. Cat. No. 1527.	120 9
180	Found 1873	Duel Hill, Madison Co., North Carolina. Iron. Coarse octahedrite. Etched slab with crust on edge. Cat. No. 864. Etched section with crust on one edge. Cat. No. 865.	178 13
181	Fell 1865 Aug. 12 7 P. M.	Dundrum, Tipperary Co., Ireland. Stone. Crystalline chondrite. Fragment from interior, showing loose, vitreous texture. Cat. No. 1501.	1
182	Fell 1815 Feb. 18 Noon	Durala, Punjaub, India. Stone. Veined intermediate chondrite. Sawed fragment with crust. Crust thick, dark and blebby. Cat. No. 559. Sawed fragment with crust. Cat. No. 1542.	54 25

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
183	Fell 1853 Mar. 6	Duruma, Wanikaland, Africa. Stone. Fragment from interior. Cat. No. 1552.	5
184	Fell 1872 May 8	Dyalpur, Oudh, India. Stone. Ureilite. Fragments, one polished. Black and friable. Cat. No. 1541.	1
185	Found 1880	Eagle Station, Carroll Co., Kentucky. Iron-stone. Pallasite. Polished slab. Cat. No. 1314. Sawed slab, showing deeply pitted natural surface and polished surface. The iron matrix encloses fragments of chrysolite, some a centimeter in diameter, transparent and of brilliant luster. Cat. No. 180. Polished slab. Cat. No. 1315. Polished slab. Cat. No. 1316.	180 106 100 60
186	Fell 1400? Recognized 1811	Elbogen, Bohemia. Iron. Medium octahedrite. Lath-shaped section from interior, etched. Cat. No. 919. Section with polished and oxidized surfaces. On the polished surface the word "Elbogen" is engraved. Cat. No. 920. Etched fragment. Cat. No. 1.	43 20 2
187	Found 1893	El Capitan, Lincoln Co., New Mexico. Iron. Medium octahedrite. Full-sized, etched section. The section shows many partings. Cat. No. 969. Full-sized, etched section. Cat. No. 968. Etched section with crust. Cat. No. 828.	1,615 782 137
188	Found 1889	Eli Elwah, New South Wales. Stone. Chondrite. Polished slab with crust. Cat. No. 779. Two fragments with crust. Much more oxidized than preceding. Cat. No. 1343.	81 3
189	Found 1906	Elm Creek, Lyon Co., Kansas. Stone. Spherical chondrite. Full-sized section, one surface polished. Cat. No. 765. Full-sized section, 11x22 cm., one surface polished. Cat. No. 1415.	386 380
190	Found 1889	El Tule, Chihuahua, Mexico. Iron. Medium octahedrite. Etched fragment showing brilliant octahedral figures. Cat. No. 955.	9
191	Found 1854	Emmitsburg, Frederick Co., Maryland. Iron. Medium octahedrite. Etched slab with crust. Cat. No. 67. Etched slab. Kamacite shows hatching. Cat. No. 1181. Etched slab with crust. Cat. No. 1182.	28 21 15

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
192	Fell 1492 Nov. 16 11:30 P. M.	Ensisheim , Upper Alsace, Germany. Stone. Crystalline chondrite. Two masses with polished surfaces. The stone takes a good polish. Metallic grains few and mostly troilite. Cat. No. 1740. Mass with crust and armored surface. Crust color of interior. Cat. No. 1739. Fragment from interior. Cat. No. 207. Fragment from interior. Cat. No. 208.	58 36 22 4
193	Fell 1822 Sept. 13 7 A. M.	Epinal , Vosges, France. Stone. Spherulitic chondrite. Mass from interior. Cat. No. 1787. Fragment with crust. Cat. No. 1786.	12 7
194	Found 1889	Ergheo , Somaliland Peninsula, Africa. Stone. Crystalline chondrite. Polished section with crust. Alteration from the crust inward has extended in some places to a depth of 5 mm. making the claim that the meteorite was seen to fall in July, 1889, seem doubtful. Cat. No. 1769. Polished section with crust. Polished surface brownish-black, showing small metallic grains, rather thinly distributed. Texture firm, compact. Crust surface smooth and of reddish-brown color, indicating long exposure. Cat. No. 553.	399 192
195	Fell 1812 April 15 4 P. M.	Erleben , Saxony, Germany. Stone. Crystalline chondrite. Broad fragment with crust. Cat. No. 1772. Fragment from interior. Cat. No. 231.	49 2
196	Fell 1837 Aug. 3	Esnandes , Charente-Inferieure, France. Stone. Gray chondrite. Fragment from interior. Dark, compact and contains a dark inclusion. Cat. No. 1569.	23
197	Found(?)	Espiritu Santo , Michoacan, Mexico. Iron. Fine octahedrite. Etched fragment with crust. Fine octahedral figures are clearly shown. Cat. No. 1056.	54
198	Found 1902	Estacado , Hale Co., Texas. Stone. Crystalline chondrite. About one-third the original mass. Has two broad, polished surfaces. Cat. No. 1439. Full-sized slab with polished surfaces. Cat. No. 760.	103,200 15,402

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
199	Fell 1879 May 10 5 P. M.	Estherville, Emmet Co., Iowa. Iron-stone. Mesosiderite. Full-sized section, 18x37 cm., one surface polished. Cat. No. 1302. Full-sized section, 18x31 cm., one surface polished. Cat. No. 177. One hundred and fourteen complete individuals. Cat. No. 1308. Cuboidal section with crust. Cat. No. 1303. Stony mass with crust. Cat. No. 1305. Thin, broad, polished slab. Cat. No. 1304. Irregular fragment. Cat. No. 176. Thirteen complete individuals. Cat. No. 178. Two individuals. Cat. No. 1306. Twelve small individuals. Cat. No. 1307. Complete individual. Gift of A. E. J. Svege. Cat. No. 458.	4,965 2,721 870 489 240 135 75 47 25 23 1
200	Fell 1890 June 25 1 P. M.	Farmington, Washington Co., Kansas. Stone. Black chondrite. End piece of 84 kg. individual. One surface, 15x40 cm. polished. Cat. No. 347. Two full-sized sections. Cat. No. 1820. Full-sized section. Cat. No. 346. Full-sized section, 20x33 cm. showing metallic veins. Cat. No. 348. Nearly encrusted mass. Cat. No. 349. Polished section. Cat. No. 345. Polished section. Cat. No. 343. Fragment from interior. Cat. No. 342.	13,365 6,804 3,302 2,792 2,494 672 327 70
201	Fell 1844 Oct. 21 6:45 A. M.	Favars, Aveyron, France. Stone. Intermediate chondrite. Fragment with crust. Cat. No. 1838. Fragment with crust and polished surface. Cat. No. 1839.	21 8
202	Fell 1900 May 15 11:30 A. M.	Felix, Perry Co., Alabama. Stone. Spherulitic carbonaceous chondrite. Mass with crust. Cat. No. 1330. Mass with crust. Cat. No. 613.	50 44
203	Found 1902	Finmarken, Norway. Iron-stone. Pallasite. Broad, polished slab. Cat. No. 1310. Full-sized section. Polished. Cat. No. 587. Thin section. Cat. No. 1311. Fragments. Cat. No. 1312.	2,381 763 285 74
204	Fell 1894 April 9 4 P. M.	Fisher, Polk Co., Minnesota. Stone. Veined intermediate chondrite. Mass with crust. Cat. No. 1341. Mass from interior. Cat. No. 596.	277 185

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
205	Fell 1849 Mar. 31 3 P. M.	Flows, (Monroe), Cabarrus Co., North Carolina. Stone. Veined gray chondrite. Mass from interior. Tough and compact. Cat. No. 1761. Mass with crust and polished surface. Cat. No. 1762. Fragment from interior. Cat. No. 256.	80 19 4
206	Fell 1890 May 2 5.15 P. M.	Forest City, Winnebago Co., Iowa. Stone. Spherical chondrite. Six hundred and seventy-seven complete individuals ranging in weight from 500 grams to 3 grams. They show a great variety of shapes and kinds of crust. Cat. Nos. 326, 341. Complete individual. Cat. No. 340. Complete individual. Cat. No. 1807. Complete individual. Cat. No. 1972. About two-thirds of a complete individual. Cat. No. 1808. Nearly complete individual. Cat. No. 1809. Complete individual. Cat. No. 1810. Three complete individuals. Cat. No. 1816. Complete individual. Cat. No. 1811. Complete individual. Cat. No. 1812. Complete individual. Cat. No. 1815. Complete individual. Cat. No. 1813. Twenty-one small, complete individuals. Cat. No. 1818. Eight small individuals. Cat. No. 1819.	10,452 4,308 1,774 1,698 1,188 575 550 330 295 274 261 235 139 13
207	Fell 1829 May 8 3:30 P. M.	Forsyth, Monroe Co., Georgia. Stone. Veined chondrite. Mass with crust. Cat. No. 1788. Mass with crust. Cat. No. 241. Fragment from interior. Cat. No. 1789. Polished chip and fragment. Cat. No. 240.	42 34 6 5
208	Found 1891	Forsyth County, North Carolina. Iron. Ataxite. Full-sized section with crust. Etched. Cat. No. 1014. Polished slab. Cat. No. 568.	550 384
209	Found 1882	Fort Duncan, Maverick Co., Texas. Iron. Hexahedrite. Etched section, 8x20 cm., with crust. Cat. No. 852. Thin slab, with crust, etched. The etched surface is stippled and shows Neumann lines. Small grains of troilite are visible. Cat. No. 113. Smithsonian iron. Sawed fragment with crust. Cat. No. 853.	434 104 12
210	Found 1856	Fort Pierre, Stanley Co., South Dakota. Iron. Medium octahedrite. Etched section with crust. Cat. No. 1068.	64

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
211	Found 1890	Franceville, El Paso Co., Colorado. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 863.	892
212	Found 1866	Frankfort, Franklin Co., Alabama. Iron. Medium octahedrite. Etched, interior section. Cat. No. 1073.	5
213	Fell 1829 May 8 3 P. M.	Frankfort, Franklin County, Alabama. Stone. Howardite. Mass from interior, with sawed surface. Cat. No. 1359. Fragment with crust. Cat. No. 1358.	16 6
214	Fell 1882 Mar. 19 1 P. M.	Fukutomi, Hizen, Japan. Stone. Veined gray chondrite. End piece with crust and polished surfaces. Polished surfaces dotted with light chondri. Metal scanty. Cat. No. 1491.	179
215	Fell 1822 Nov. 30 6 P. M.	Futtehpur, India. Stone. Veined white chondrite. Mass with crust and sawed surfaces. Cat. No. 1733. Mass with crust and sawed surfaces. Cat. No. 1734. Polished fragment with crust. Cat. No. 588. These specimens are of too firm texture and dark color to be white chondrite. Mass with crust. Cat. No. 773.	39 38 17 7
216	Fell 1826 May 25	Galapian, Lot-et-Garonne, France. Stone. Brecciated white chondrite. Two fragments, one with crust. Cat. No. 1777.	5
217	Found 1900	Gargantillo, see Tomatlan. Gerona, Spain. Stone. Brecciated white chondrite. Fragment from interior showing dark and light-colored areas. Cat. No. 1487.	1
218	Fell 1897 Sept. 15	Ghambat, Sindh, India. Stone. Veined intermediate chondrite. Mass with crust and two polished surfaces. One metallic grain is 5 mm. in diameter. Cat. No. 1512.	72
219	Recognized 1889	Gilgoin, New South Wales. Stone. Crystalline chondrite. Complete individual. The surface is much reddened by oxidation. Cat. No. 1425. Mass with crust. Polished. Cat. No. 1424. Mass with crust. Polished. Cat. No. 538.	12,020 757 214
220	Fell 1853 Feb. 10 1 P. M.	Girgenti, Sicily. Stone. Veined white chondrite. Mass with crust on two surfaces. Cat. No. 1774. Mass with crust. Shows abundant veining. Cat. No. 1775. Polished fragments from interior. Very fine-grained. Cat. No. 263.	45 29 1

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
221	Found 1884	Glorieta Mountains, Santa Fe Co., New Mexico. Iron. Medium octahedrite. Complete individual of dumb-bell shape. It contains blebs of chrysolite 1 cm. in diameter. Cat. No. 997. Full-sized, etched section, 11x13 cm. Cat. No. 122. Cut mass showing etched, torn and striated surfaces. The figures on two surfaces are curved. Cat. No. 999. Complete, pear-shaped individual. Cat. No. 998. Etched section. The lamellæ are remarkable for their length of 5 cm. Cat. No. 1002. Broad, thin, etched section showing curved figures. Cat. No. 1001. Etched section. Cat. No. 123.	1,459 1,271 1,132 350 285 67 13
222	Fell 1879 May 17 4 P. M.	Gnadenfrei, Silesia, Germany. Stone. Spherulitic chondrite. Fragment with crust. Cat. No. 1549. Fragment with crust. Cat. No. 1550.	18 6
223	Found 1868	Goalpara, Assam, India. Stone. Ureilite. Fragments. Cat. No. 764. Fragments, including crust and polished surface. Cat. No. 1771.	7 6
224	Found 1883	Grand Rapids, Kent Co., Michigan. Iron. Fine octahedrite. Thick, full-sized section, 16x22 cm., polished and etched. Cat. No. 117. Full-sized section, 17x23 cm., etched. Cat. No. 1102. Full-sized, etched section. Cat. No. 1101. Full-sized, etched section, 13x17 cm., etched. Cat. No. 116.	7,881 2,268 1,386 1,160
225	Found 1880	Greenbrier County, West Virginia. Iron. Coarse octahedrite. Polished slab with crust. Octahedral figures can be dimly seen. Cat. No. 957.	18
226	Found 1827	Groslee, L'Ain, France. Iron. Finest octahedrite(?) Fragment. Cat. No. 1088.	2
227	Fell 1861 June 28 7 P. M.	Grosnaja, (Mikenskoj), Caucasus, Russia. Stone. Black chondrite. Slab from interior with polished surfaces. Takes a fair polish. Cat. No. 1732. Fragments from interior. Cat. No. 485.	76 4
228	Fell 1837 July 24 11:30 A. M.	Gross-Divina, Trentsiner Com., Hungary. Stone. Spherical chondrite. Fragments with crust. Interior brownish-gray, friable. Crust black. Cat. No. 1792.	5

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
229	Fell 1881 Nov. 19 6:30 A. M.	Grossliebenthal, Kherson, Russia.	
		Stone. Veined white chondrite. Mass from interior. Cat. No. 785.	24
		Mass with crust. Cat. No. 1830. Fragments with crust. Cat. No. 549.	21 1
230	Fell 1841 Mar. 20 3:30 P. M.	Grüneberg, Silesia, Germany.	
		Stone. Veined gray chondrite. Mass with slightly crusted surface. Cat. No. 1478.	99
		Slab with crust and two polished surfaces. Cat. No. 1479. Two fragments with crust. Cat. No. 1481.	12 3
231	Fell 1892 July 20 10:30 A. M.	Guareña, Badajoz, Spain.	
		Stone. Crystalline chondrite. Fragment with crust. Cat. No. 1539. Fragment from interior with polished surface. Cat. No. 1540.	14 6
232	Found 1907	Guffey, Park Co., Colorado. Iron. Ataxite. Fragment of bright nickel color. Cat. No. 770.	3
233	Found 1822	Guilford County, North Carolina. Iron. Medium octahedrite. Oxidized fragment. Cat. No. 1066.	3
234	Fell 1851 April 17 8 P. M.	Gütersloh, Westphalia, Germany. Stone. Brecciated spherulitic chondrite. Fragments from interior. Cat. No. 1495.	2
235	Found 1856	Hainholz, Westphalia, Germany.	
		Iron-stone. Mesosiderite. Mass with crust and polished surface. Cat. No. 1287.	1,048
		Mass with crust and polished surface. Cat. No. 1288.	768
		Full-sized section, polished. Cat. No. 1290. End piece, polished. Cat. No. 1289.	402 369
236	Found 1884	Hammond, St. Croix Co., Wisconsin.	
		Iron. Compact with octahedral streaks. Etched section with crust. Shows large, circular and crescentic inclusions of schreibersite. Cat. No. 987.	98
		Thin slab, showing one etched and one polished surface. The typical figures of this iron are well illustrated. Cat. No. 124.	35
237	Found 1888	Haniet el Beguel, Algeria, Africa. Iron. Medium octahedrite. Full-sized section with polished surface. Cat. No. 944.	11
238	Fell 1858 Mar. 28 4 P. M.	Harrison County, Indiana. Stone. Howarditic chondrite. Fragment from interior. Cat. No. 1494.	1
		Hartford, see Marion.	

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
239	Found 1890	Hassi Jekna , Algeria, Africa. Iron. Fine octahedrite. Fragment. Cat. No. 1065.	1
240	Found 1895	Hayden Creek , Lemhi Co., Idaho. Iron. Medium octahedrite. Etched section with crust. Shows typical octahedral figures. Cat. No. 489. Etched section with crust. Cat. No. 1020.	51 25
241	Found 1901	Hendersonville , Henderson Co., North Carolina. Stone. Chondrite. Fragment with crust. Color rust brown and shows "sweating" tendency. Cat. No. 1773.	23
242	Fell 1857 April 1 Night	Heredia , Costa Rica, Central America. Stone. Brecciated spherical chondrite. Fragment with crust. Cat. No. 1781. Fragment from interior. Light grey with metallic grains. Texture rather firm. Cat. No. 442.	5 4
243	Found 1909	Hermitage Plains , Australia. Stone. Mass with crust. Cat. No. 784.	218
244	Fell 1869 Jan. 1 12:30 P. M.	Hessle , Sweden. Stone. Spherical chondrite. Complete individual. Form tetrahedral. Cat. No. 1750. Complete individual. Minutely pitted. Cat. No. 1751. Sawed fragment with crust. Cat. No. 297. Nearly complete individual. Cat. No. 298. Complete individual. Cat. No. 1752.	363 37 10 5 1
245	Found 1882	Hex River , Cape Colony, South Africa. Iron. Hexahedrite. Sawed slab, one surface etched. Neumann lines are partially discernible, but more prominent are the parallel systems of rhabdite characteristic of this iron. These are beautifully shown in this specimen. Cat. No. 115. Polished slab with crust. The rhabdite inclusions are less abundant than in the preceding specimen. Cat. No. 986.	364 248
246	Fell 1804 April 4 Morning	High Possil , Scotland. Stone. White chondrite. Fragment with crust. Cat. No. 1551.	4
247	Fell 1912 July 19 7 P. M.	Holbrook , Navajo County, Arizona. Stone. Crystalline spherulitic chondrite. 196 complete individuals. Cat. No. 801.	11,000
248	Found 1887	Holland's Store , Chattanooga Co., Georgia. Iron. Brecciated hexahedrite. Full-sized slab, thin, with polished surface. Cat. No. 1007. Thin fragment with crust. Polished surface. Cat. No. 129.	248 28

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
249	Fell 1875 Feb. 12 10:15 P. M.	Homestead, (Amana), Iowa Co., Iowa. Stone. Brecciated gray chondrite. About three-fourths of a complete individual. Cat. No. 313. Complete individual. Form pyramidal. Some secondary crust. Cat. No. 1345. Complete individual. Cat. No. 312. Full-sized, polished section, 16x20 cm. Cat. No. 314. Nearly complete individual. Cat. No. 1344.	7,626 5,443 3,175 1,744 1,330
250	Fell 1825 Sept. 27 10:30 A. M.	Honolulu, Hawaiian Islands. Stone. Veined white chondrite. Two fragments with crust. Cat. No. 1553.	17
251	Prehistoric Described 1902	Hopewell Mounds, Ross Co., Ohio. Iron. Medium octahedrite. Fragment with etched surface. Cat. No. 480. Beads made from meteorite. Cat. No. 481.	125 20
252	Found 1889	Hopper, Henry Co., Virginia. Iron. Medium octahedrite. Cleavage pieces, much oxidized. Cat. No. 136. Crust fragment. Cat. No. 996.	47 7
253	Fell 1751 May 26 6 P. M.	Hraschina, Croatia, Hungary. Iron. Medium octahedrite. Etched, interior fragment. Figures distinct. Cat. No. 1072.	9
254	Fell 1877 May 17 7 A. M.	Hungen, Hesse, Germany. Stone. Veined gray chondrite. Three fragments with crust and polished surfaces. Cat. No. 1573.	9
255	Fell 1901 Oct. 21 Noon	Hvittis, Finland, Russia. Stone. Hvittisite. Mass with crust and polished surface. Abundant, minute, metallic grains. Cat. No. 1470. Polished fragment with crust. Cat. No. 578.	567 136
256	Fell 1870 June 17 2 P. M.	Ibbenbüren, Westphalia, Germany. Stone. Chladnite. Fragments from interior. Cat. No. 1554.	5
257	Fell 1887 April 17 10:30 A. M.	Iharaota, Lalitpur, India. Stone. Veined howarditic chondrite. Sawed fragment with crust. Cat. No. 1516. Fragment with crust. Cat. No. 1517.	10 1
258	Found 1872	Ilimäes, Atacama, Chile. Iron-stone. Pallasite. Full-sized section, 22x31 cm. Polished. Cat. No. 1267. Segment with crust and sawed surface. Cat. No. 742.	11,000 393

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
259	Found 1897	Illinois Gulch , Deer Lodge Co., Montana. Iron. Ataxite. Full-sized, thick section, with polished surfaces. Cat. No. 838. End piece. Cat. No. 839. Half-section, etched. Cat. No. 840.	460 120 82
260	Found 1800	Imilac , Atacama, Chile. Iron-stone. Pallasite. End piece. Cat. No. 1326. Etched section. The metallic portion exhibits occasional figures. Cat. No. 162. Complete individual. Cat. No. 1325. Polished slab. Cat. No. 1328. Iron matrix with a little stony filling. Cat. No. 161. Like previous specimen. Cat. No. 160.	206 205 118 63 28 12
261	Fell 1891 April 7	Indarch , Caucasus, Russia. Stone. Carbonaceous spherical chondrite. Nearly complete individual. One surface pol- ished. Cat. No. 1404. Full-sized, polished section. Cat. No. 1403. Mass with crust. Cat. No. 1402. Mass with crust. Cat. No. 1401. Interior fragment. Cat. No. 506.	18,060 1,812 115 85 15
262	Found 1887	Indian Valley , Floyd Co., Virginia. Iron. Brecciated hexahedrite. About one-half the original mass. Cat. No. 154. Etched end piece. Cat. No. 981. Full-sized section, polished. Cat. No. 1950.	7,426 1,814 535
263	Found 1900	Indio Rico , Argentine, South America. Stone. Crystalline chondrite. Fragment with crust. Mass fine-grained, dark brown and shows considerable "sweating." Crust color of interior. Cat. No. 1520.	11
264	Found 1871	Iquique , Tarapaca, Chile. Iron. Ataxite. Etched slab with crust. Cat. No. 1067.	11
265	Found 1898	Iredell , Bosque Co., Texas. Iron. Hexahedrite. Fragment from surface, etched. Cat. No. 1079.	11
266	Found 1871	Iron Creek , (Victoria), Saskatchewan, Canada. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 1897.	253
267	Fell 1879 March	Itapicuru-Mirim , Maranhao, Brazil. Stone. Spherulitic chondrite. Mass with crust and sawed surface. Characters typical for the class. Cat. No. 1747.	220

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
268	Found 1880	Ivanpah, San Bernardino Co., California. Iron. Medium octahedrite. Etched slab with crust. Cat. No. 1118. Chiseled fragment showing no cleavage. Cat. No. 112.	220 3
269	Found 1846	Jackson County, Tennessee. Iron. Medium octahedrite. Cleaved mass with nearly plane surfaces. One end etched. Cat. No. 1116.	116
270	Found 1885	Jamestown, Stutsman Co., North Dakota. Iron. Fine octahedrite. End piece, etched. Cat. No. 1021. Etched section, 2.5x11 cm., with crust. Figures dimly outlined. Cat. No. 483.	583 104
271	Fell 1866 Oct. 5	Jamkheir, Ahmednuggur, India. Stone. Fragment with crust and polished surface. Cat. No. 1572.	1
Jamyschewa, see Pavlodar.			
272	Fell 1889 Dec. 1 2:30 P. M.	Jelica, Servia. Stone. Amphoterite. Fragment with crust. Crust black, rather smooth, the surface showing typical pittings. Interior gray, with angular pieces of bronzite projecting from a fine-grained groundmass. Texture friable. Metallic grains small and scarce. Cat. No. 511. Three masses, each with crust. All are good examples of the meteorite. Cat. Nos. 1353-5. Mass with crust. Cat. No. 605.	69 194 26
273	Found 1883	Jenny's Creek, Wayne Co., West Virginia. Iron. Coarse octahedrite. Two masses showing cleavage octahedrons, separated by bright plates of taenite. Cat. No. 954. Chiseled fragments similar to above. Cat. No. 114.	115 21
274	Found 1894	Jerome, Gove Co., Kansas. Stone. Crystalline spherulitic chondrite. Mass with crust. All oxidized to uniform, rust-brown color. Cat. No. 1518.	63
275	Found 1854	Jewell Hill, Madison Co., North Carolina. Iron. Fine octahedrite. Etched slab with crust. The narrow bands meet at angles of 90°. Cat. No. 1108.	40
276	Fell 1873 June	Jhung, Punjaub, India. Stone. Spherical chondrite. Two fragments with crust. Cat. No. 1798. Polished, interior fragment. Cat. No. 1799. Fragments from interior. Cat. Nos. 305-6.	12 6 6

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
277	Found 1858	Joel's Iron. Atacama, Chile. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 940.	44
278	Found 1884	Joe Wright Mountain, Independence Co., Arkansas. Iron. Medium octahedrite. Broad, thin, etched slab with crust. Shows circular inclusion of troilite and perforation 1.5 cm. in diameter. Cat. No. 982. Thin slab, etched, showing nodules of troilite and typical figures. The arrangement of plates about one of the troilite nodules suggests a spherulite. Cat. No. 120.	266 98
279	Fell 1819 June 13 6 A. M.	Jonzac, Charente Inferieure, France. Stone. Eukrite. Fragment with crust. Cat. No. 1482. Fragment from interior. Cat. No. 1483.	5 2
280	Fell 1876 Feb. 16	Judesgeri, Mysore, India. Stone. Spherulitic chondrite. Fragment from interior. Cat. No. 1529.	4
281	Found 1866	Juncal, Atacama, Chile. Iron. Medium octahedrite. Etched slab with crust. Cat. No. 140. Etched slab with crust. Cat. No. 1201. The etched figures in both specimens are very distinct.	60 50
282	Fell 1821 June 15 3:30 P. M.	Juvinas, Ardèche, France. Stone. Eukrite. Mass with crust. The typical characters of the eukrites are well exhibited. Cat. No. 1365. Mass from interior. Several cavities show crystal plates of anorthite. Cat. No. 1366.	107 78
283	Fell 1857 April 15 10:30 P. M.	Kaba, Hungary. Stone. Carbonaceous chondrite. Fragment from interior. Black with light colored spots. Cat. No. 1745.	2
284	Fell 1858 May 19 8 A. M.	Kakowa, Hungary. Stone. Veined gray chondrite. Fragments. Cat. No. 1493.	0.2
285	Fell 1840 May 4 Noon	Karakol, Kirgijz Steppe, Asia. Stone. White chondrite. Mass with crust and polished surface. Metal scarce. Cat. No. 1498.	30
286	Known 1887	Kendall County, Texas. Iron. Brecciated hexahedrite. Full-sized slab with polished surface. Cat. No. 1023. Full-sized slab with polished surface. Cat. No. 1022. Thin slab with crust, sawed and etched surfaces. Cat. No. 138.	410 286 118

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
287	Found 1889	Kenton County, Kentucky. Iron. Medium octahedrite. About one-third of the original mass, showing crust and polished surface, 22x42 cm. Contains nodules of troilite. Cat. No. 133. Full-sized slab, 23x44 cm. Both sides polished. Cat. No. 135. Full-sized, etched section, 20x50 cm. Cat. No. 1052. Full-sized, etched section. Cat. No. 1053. Full-sized slab, 14x49 cm., etched. Figures very distinct and regular. Shows marked cleavage and tendency to separate along the cleavage planes. Perfect octahedrons can be cleaved out from the mass. Cat. No. 134.	36,600 12,231 9,637 8,494 7,483
288	Fell 1874 Nov. 26 10:30 A. M.	Kerilis, Cotes-du-Nord, France. Stone. Veined gray chondrite. Slab with crust. One surface polished. Metal abundant. Cat. No. 1524. Fragment with crust. Cat. No. 1525. Fragment with crust. Cat. No. 758.	35 4 3
289	Fell 1903 June 30	Kermichel, Morbihan, France. Stone. Crystalline chondrite. Mass, much oxidized. Cat. No. 796.	63
290	Fell 1869 May 2 10 P. M.	Kernouve, (Cléguérec), Morbihan, France. Stone. Veined crystalline chondrite. Mass from interior. Cat. No. 1484. Polished fragments. Cat. Nos. 300-1.	106 26
291	Fell 1850 June 13	Kesen, Hondo, Japan. Stone. Brecciated spherical chondrite. Mass showing crust and interior. A portion of the surface is armored. Cat. No. 257. Similar to previous specimen. Cat. No. 258. Mass with crust. Cat. No. 1827. Mass from interior with polished surface. Cat. No. 1828.	1,286 1,211 677 607
292	Fell 1873 Sept. 23 5 A. M.	Khairpur, Bhawalpur, India. Stone. Crystalline chondrite. Slab with polished surface. Metal thickly distributed in fine grains. Cat. No. 1538.	63
293	Fell 1787 Oct. 12 3 P. M.	Kharkow, (Jigalowka), Charkow, Russia. Stone. Veined white chondrite. Fragment with crust. Cat. No. 1535. Fragment from interior with polished surface. Darker than preceding specimen. Cat. No. 1536.	10 7
294	Fell 1867 Jan. 19 9 A. M.	Khetrie, Rajputana, India. Stone. Brecciated gray chondrite. Fragment from interior. Cat. No. 1485.	6

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
295	Fell 1809	Kikino, Smolensk, Russia. Stone. Veined white chondrite. Mass with crust. The interior is considerably oxidized. Texture too firm for a white chondrite. Cat. No. 1496.	61
296	Fell 1911 June 16 5 P. M.	Kilbourn, Columbia Co., Wisconsin. Stone. Gray chondrite. Full-sized, sawed section with crust. Cat. No. 797.	68
297	Fell 1844 April 29 3:30 P. M.	Killeter, County Tyrone, Ireland. Stone. Veined white chondrite. Fragment with crust. Shows considerable veining. Cat. No. 1477.	3
298	Found 1891	Kingston, Sierra Co., New Mexico. Iron. Medium octahedrite. End piece, etched. Cat. No. 800.	1,161
299	Found 1899	Kissij, Kazan, Russia. Stone. Black chondrite. Mass with crust and polished surfaces. Crust and interior of same color. Takes good polish. Cat. No. 1471.	420
300	Fell 1862 Oct. 7 12:30 P. M.	Klein Menow, Mecklenberg-Strelitz, Germany. Stone. Crystalline spherical chondrite. Mass with crust and two polished surfaces. Cat. No. 1388. Mass from interior. Cat. No. 1389. Fragment from interior. Cat. No. 278.	701 80 2
301	Fell 1843 Sept. 16 4:45 P. M.	Klein Wenden, Saxony, Germany. Stone. Crystalline chondrite. Fragment with crust and polished surface. Dark brown. Crystalline. Takes good polish. Cat. No. 1534.	2
302	Fell 1866 June 9 5 P. M.	Knyahinya, Hungary. Stone. Gray chondrite. Mass of flattened form with crust and polished surface. The pittings are small and numerous. Cat. No. 287. Mass with crust and polished surface. Cat. No. 1823. Complete individual. Form flattened. Cat. No. 1821. Complete individual. Form angular. Oriented. Cat. No. 1822. Complete individual. Cat. No. 286. Complete individual. Cat. No. 288. One-half of a complete individual. Polished surface, 13x18 cm. Cat. No. 284. Complete individual. Cat. No. 285.	3,231 2,154 1,525 1,523 239 82 82 10

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
303	Found 1898	Kodaikanal, Madras, India. Iron. Brecciated octahedrite. Slab, with crust. Cat. No. 574. Broad, etched slice with crust. Contains silicate inclusions of various shapes and sizes. Cat. No. 943.	175 128
304	Found 1862	Kokomo, Howard Co., Indiana. Iron. Ataxite. Etched slab with crust. Cat. No. 1061. Thin, etched slab with crust. Cat. No. 1060.	40 23
305	Found 1887	Kokstad, Cape Colony, Africa. Iron. Medium octahedrite. Broad, thin, etched slab with crust. Bands short and swollen. Fields nearly wanting. Cat. No. 1015.	270
306	Fell 1869 May 5 6:30 P. M.	Krähenberg, Bavaria, Austria. Stone. Howarditic chondrite. Fragments with crust. Cat. No. 1488.	0.2
307	Found 1749	Krasnojarsk, (Medwedewa), Jenseiseisk, Russia. Iron-stone. Pallasite. Torn mass. Cat. No. 1256. Torn mass. Cat. No. 1255. Torn mass. Cat. No. 1254. Metallic mass showing octahedral figures. Cat. No. 505. Fragments of iron and chrysolite. Cat. No. 159. Fragments of iron and chrysolite. Cat. No. 158. Fragment. Cat. No. 157.	298 190 177 169 76 12 7
308	Fell 1829 Sept. 29 2 P. M.	Krasnoj-Ugol, Rasan, Russia. Stone. Spherical chondrite. Fragment from interior. Cat. No. 1564.	0.2
309	Fell 1811 Mar. 12 11 A. M.	Kuleschowka, Poltawa, Russia. Stone. Veined white chondrite. Mass from interior. Cat. No. 1350. Mass with crust. Cat. No. 1349.	14 10
310	Fell 1886 Oct. 26 3 P. M.	Kyushu, Satsuma, Japan. Stone. Veined white chondrite. This includes the falls previously listed as Maeme and Oskima. Maeme. Mass with primary and secondary crust. Cat. No. 1783. Complete individual. Cat. No. 1784. Fragment with crust. Cat. No. 440. Oshima. Mass with crust and sawed surface. Cat. No. 1785.	158 85 8 106
311	Fell 1879 Jan. 31	La Becasse, Indre, France. Stone. White chondrite. Sawed mass with crust. Cat. No. 741. Slab with crust and sawed surfaces. Cat. No. 1364.	62 28

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
312	Fell 1871 June 14 8 P. M.	Laborel, Drome, France. Stone. Brecciated intermediate chondrite. Two fragments with crust. Cat. No. 1670.	16
313	Recognized 1828	La Caille, Var, France. Iron. Medium octahedrite. Poorly etched slab with crust. Cat. No. 900. Etched mass with crust. Cat. No. 901. Etched slab with crust. Cat. No. 902.	66 35 8
314	Found 1860	La Grange, Oldham Co., Kentucky. Iron. Fine octahedrite. Etched section with crust. Cat. No. 1194. Etched section with crust. Cat. No. 84.	172 47
315	Fell 1803 April 26 1 P. M.	L'Aigle, Orne, France. Stone. Brecciated intermediate chondrite. Portions of two individuals with crust. Cat. No. 1407. Portions of three individuals with crust. Cat. No. 1406. Mass with crust. Cat. No. 219. Interior fragment. Cat. No. 1405.	405 230 111 18
316	Found 1905	Lampa, Atacama, Chile. Stone. Chondrite. Mass with crust and pol- ished surface. Cat. No. 1408. Mass with crust and polished surface. Gift of Prof. H. A. Ward. Cat. No. 769.	886 555
317	Fell 1872 July 23 5:30 P. M.	Lancé, Loir-et-Cher, France. Stone. Spherulitic carbonaceous chondrite. Mass with crust and sawed surface. Cat. No. 1351. Mass with crust. Cat. No. 589.	97 85
318	Fell 1897 June 20 8:30 P. M.	Lançon, Bouches-du-Rhone, France. Stone. Brecciated gray chondrite. Mass with crust and sawed surfaces. Cat. No. 1803. Mass with crust. Cat. No. 526.	101 85
319	Found 1888	La Primitiva, Tarapaca, Chile. Iron. Ataxite. Thin slab, polished. The characteristic hieroglyphic schreibersites of this meteorite are well shown. Cat. No. 1071.	30
320	Found 1857	Laurens, Laurens Co., South Carolina. Iron. Finest octahedrite. Thin, broad, full- sized section, etched. The beautiful figures of this iron are well shown. Cat. No. 959. Similar to above. Cat. No. 960.	40 41
321	Fell 1907 Jan. 12 8 P. M.	Leighton, Colbert Co., Alabama. Stone. Brecciated gray chondrite. Nearly complete individual with polished surface. The mottled color of the interior is a feature. Cat. No. 768.	640

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
322	Found 1814	<p>Lenarto, Saros, Hungary. Iron. Medium octahedrite. Etched slab with crust. Usual octahedral figures. Cat. No. 1177. Etched slab with crust and well-marked figures. Bands long and straight. Cat. No. 1178. Small slab with torn edges. Etched. Cat. No. 1179.</p>	<p>336 275 70</p>
323	Fell 1902	<p>Lenorka, Poltawa, Russia. The locality name given here is taken from Ward's 1904 Catalogue. Berwerth (Fort-schritte in der Meteoritenkunde, 1912, p. 235), gives Leonowka, Tschernigow, time of fall unknown. Stone. White chondrite. Fragment with crust. Cat. No. 1413.</p>	1
324	Fell 1845 Jan. 25 3 P. M.	<p>Le Pressoir, (Louans), Indre et Loire, France. Stone. Spherical chondrite (Brezina). The stone is too compact and fine-grained to be a spherical chondrite. Mass with crust and polished surface. Cat. No. 1664. Fragment with crust. Crust black, smooth. Interior light-grey, somewhat rusted. Outlines of chondri barely discernible. Cat. No. 439.</p>	<p>50 17</p>
325	Fell 1857 Oct. 1	<p>Les Ormes, Yonne, France. Stone. White chondrite. Fragments with crust. Cat. No. 1417.</p>	1
326	Fell 1896 April 13 7:30 A. M.	<p>Lesves, Namur, Belgium. Stone. Gray chondrite. Mass with crust. The crust is brown-black. Cat. No. 1661. Fragment with crust. Cat. No. 542.</p>	<p>32 10</p>
327	Fell 1845 July 14 3 P. M.	<p>Le Teilleul, (Le Vivionnere), Manche, France. Stone. Howardite. Three fragments with crust. Cat. No. 1418.</p>	14
328	Found 1880	<p>Lexington County, South Carolina. Iron. Coarse octahedrite. End piece, etched. The bands are crooked and vary in width. Cat. No. 1114. Etched slab with crust. The figures are not well defined. Cat. No. 1115. Etched slab with crust. Cat. No. 111.</p>	<p>907 107 23</p>
329	Found 1879	<p>Lick Creek, Davidson Co., North Carolina. Iron. Hexahedrite. Etched slab. Cat. No. 1074.</p>	15
330	Found 1834	<p>Limestone Creek, Monroe Co., Alabama. Iron. Ataxite. Full-sized, etched section. Cat. No. 937. Polished section with crust. Cat. No. 938.</p>	<p>94 25</p>

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
331	Fell 1813 Sept. 10 6 A. M.	Limerick, Adare, Ireland. Stone. Veined gray chondrite. Nearly complete individual. The broken surface is oxidized. This individual is not mentioned by Wülfing. Cat. No. 1795. Polished chip. Cat. No. 233.	52 1
332	Found 1882	Linville, Burke Co., North Carolina. Iron. Ataxite. Thin slab, etched. Cat. No. 1110.	28
333	Fell 1854 Sept. 5	Linum, Prussia, Germany. Stone. White chondrite. Fragment with crust. Cat. No. 1414.	0.5
334	Fell 1808 Sept. 3 3:30 P. M.	Lissa, Bunzlau, Bohemia. Stone. Veined white chondrite. Mass with crust. Cat. No. 1410. Interior fragment. Cat. No. 510. Mass with crust. Cat. No. 1411.	150 32 26
335	Fell 1839 Feb. 13 3:30 P. M.	Little Piney, Pulaski Co., Missouri. Stone. Spherulitic chondrite. Two fragments from interior. Cat. No. 1423.	4
336	Fell 1820 July 12 5:30 P. M.	Lixna, (Lasdany), Kurland, Russia. Stone. Veined gray chondrite. Mass with crust and armored surfaces. Cat. No. 1764. Slice from interior with polished surface. Cat. No. 1765. Interior fragment. Cat. No. 550.	61 11 2
337	Found 1888	Llano del Inca, Atacama, Chile. Iron-stone. Mesosiderite. Thick, polished slab showing no metal. Cat. No. 190. Polished mass. Cat. No. 1297. Complete individual. Cat. No. 189. Mass with crust. Shows a little metal. Cat. No. 188. End piece, polished. Cat. No. 1298. Polished mass. Cat. No. 1299. Complete individual. Cat. No. 1301. Polished mass. Cat. No. 1300.	148 79 54 38 35 27 20 16
338	Found 1857	Locust Grove, Henry Co., Georgia. Iron. Ataxite. Thick, etched slab with crust. Rhabdite inclusions are noticeable. Cat. No. 558. Full-sized section, etched. Cat. No. 1192.	370 227
339	Fell 1868 Oct. 1	Lodhran, Punjaub, India. Iron-stone. Lodhranite. Three fragments. Cat. No. 1260.	2
340	Found 1888	Lonaconing, Allegheny Co., Maryland. Iron. Coarse octahedrite. Full-sized, etched section. Bands long, broad and straight. Cat. No. 941.	39

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
341	Found 1892	<p>Long Island, Phillips Co., Kansas. Stone. Crystalline chondrite. Four large masses with crust which, joined together, form the front of a well oriented individual. Cat. No. 350. About 3,000 smaller pieces belonging to the same individual. Cat. No. 350. Mass with crust. Cat. No. 1889. Mass with crust and polished surface. Cat. No. 1890. Polished mass from interior. Cat. No. 1891. Mass with crust. Cat. No. 1893. Mass with crust. Cat. No. 1894.</p>	<p>303,000 225,488 9,298 2,265 2,154 800 270</p>
342	Found 1897	<p>Los Reyes, Mexico, F. D. Mexico. Iron. Medium octahedrite. This meteorite was referred by the writer in 1902 (Pub. Field Col. Mus., Geol. Ser. Vol. I, p. 305) to Toluca, but owing to the distance of its place of find from Toluca he now regards it as a distinct fall. Complete individual. Cat. No. 454.</p>	19,500
343	Found 1868	<p>Losttown Creek, Cherokee Co., Georgia. Iron. Medium octahedrite. Polished mass with crust. Cat. No. 1058.</p>	76
344	Fell 1768 Sept 13 4:30 P. M.	<p>Lucé, Sarthe, France. Stone. White chondrite. Two fragments from interior. Cat. No. 1421.</p>	5
345	Found 1885	<p>Lucky Hill, Jamaica. Iron. Medium octahedrite. Six oxidized fragments. Cat. No. 1151.</p>	51
346	Found 1896	<p>Luis Lopez, Socorro Co., New Mexico. Iron. Medium octahedrite. About one-half the original mass with etched surface 11x19 cm. Cat. No. 913.</p>	3,061
347	Prehistoric	<p>Lujan, Argentine. Iron-stone. Mesosiderite. Two crust fragments. Cat. No. 1400.</p>	3
348	Fell 1869 Oct. 6 11:45 A. M.	<p>Lumpkin, Stewart Co., Georgia. Stone. Crystalline spherulitic chondrite. Slice with crust and polished surfaces. Cat. No. 1412.</p>	3
349	Fell 1889 April 3 8:30 P. M.	<p>Lundsgard, Sweden. Stone. White chondrite. Mass with crust. Cat. No. 1398. Mass with crust. Cat. No. 1399.</p>	<p>34 21</p>
350	Fell 1813 Dec. 13 Day	<p>Luotolaks, Finland. Stone. Howardite. Fragments from interior. Cat. No. 1613.</p>	3

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
351	Fell 1753 Sept. 7 1 P. M.	Luponnas, Aine, France. Stone. Brecciated intermediate chondrite. Mass with crust. Cat. No. 1419.	15
352	Fell 1836 Nov. 11 5 A. M.	Macao, Rio Grande do Norte, Brazil. Stone. Veined intermediate chondrite. Three fragments with crust. Each fragment weighs about 25 grams. Cat. No. 1640. Slab with crust and polished surfaces. Cat. No. 1641. Fragment with crust. Cat. No. 787.	68 12 4
353	Found 1854	Madoc, Hastings Co., Ontario, Canada. Iron. Fine octahedrite. Slab with crust and etched surface. The figures are irregular and indistinct. Cat. No. 1189. Spheroidal fragment showing natural surface with pittings. Cat. No. 65. Thin, sawed slab with natural surface. Cat. No. 66.	24 9 5
354	Fell 1896 Feb. 10 9:30 A. M.	Madrid, Spain. Stone. Veined white chondrite. Fragments from interior. Cat. No. 1422.	1
355	Found 1840	Magura, Arva, Hungary. Iron. Coarse octahedrite. Rough mass. Cat. No. 887. Etched mass. Figures dimly indicated. Cat. No. 888. Etched mass. No figures are apparent. Cat. No. 47. Rough mass, showing cleavage. Cat. No. 46.	845 520 166 137
356	Found 1852	Mainz, Hesse, Germany. Stone. Veined intermediate chondrite. Two fragments from interior with polished surfaces. The stone takes a good polish. Cat. No. 1649. Fragment from interior with polished surfaces. Cat. No. 1650. Polished fragment. Cat. No. 441.	26 13 2
357	Found 1879	Makariwa, New Zealand. Stone. Brecciated gray chondrite. Polished fragment with crust. Cat. No. 1590.	3
358	Fell 1863 Dec. 22 9 A. M.	Manbhoom, Bengal, India Stone. Amphoterite. Mass from interior. Cat. No. 1621. Mass with crust. Cat. No. 1620. Fragments from interior. Cat. No. 583.	20 18 11
359	Fell 1843 June 29 3:30 P. M.	Manegaum, Kandeish, India. Stone. Chladnite. Fragment from interior. Cat. No. 1632.	1

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
360	Found 1876	Mantos Blancos, Atacama, Chile. Iron. Fine octahedrite. Thin slab, etched. Cat. No. 1062.	72
361	Fell 1847 Feb. 25 2:45 P. M.	Marion, Linn Co., Iowa. Stone. Veined white chondrite. Mass with crust. The crust, thick and dull black, is in- tersected by numerous cracks. Cat. No. 255. Mass with crust and polished surfaces. The stone takes a good polish. Cat. No. 1749.	128 60
362	Fell 1902 Jan. 6 10 P. M.	Marjalahti, Finland. Iron-stone. Pallasite. Mass with crust. Cat. No. 1324. Mass with crust. Cat. No. 1323. Section 5x10 cm. polished and etched. Cat. No. 562.	738 544 137
363	Fell 1848 July 4	Marmande, Lot-et-Garonne, France. Stone. Spherulitic chondrite. Fragment from interior. Friable. Cat. No. 1595.	2
364	Found 1860	Marshall County, Kentucky. Iron. Medium octahedrite. Etched fragment with crust. Cat. No. 945.	18
365	Found 1898	Mart, McLennan Co., Texas. Iron. Finest octahedrite. End piece, etched. Cat. No. 1040.	1,132
366	Fell 1835 Jan. 31 12-1 P. M.	Mascombes, Corrèze, France. Stone. White chondrite. Fragment from inter- ior with polished surface. Cat. No. 1592. Fragment with crust. Cat. No. 1591.	8 7
367	Fell 1803 Dec. 13 10:30 A. M.	Mässing, Bavaria, Austria. Stone. Howardite. Two fragments from in- terior. Cat. No. 1648.	2
368	Found 1885	Matatiela, Cape Colony, Africa. Iron. Medium octahedrite. Slab with crust and etched surface. The crust surface has only a slight, black coating. The bands of the etching figures are long and straight. Cat. No. 936.	24
369	Fell 1768 Nov. 20 4 P. M.	Mauerkirchen, Austria. Stone. White chondrite. Mass with crust. Two polished surfaces show scattered metallic grains and well-marked chondri. Cat. No. 211. Mass from interior with polished surface. Cat. No. 1610 Fragment with crust. Cat. No. 1611. Fragment with crust. Cat. No. 1612.	110 16 17 15

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
370	Fell 1801 Dec. 22	Mauritius, Indian Ocean. Stone. Howarditic chondrite. Fragment with crust. Cat. No. 1606.	6
371	Found 1870	McKinney, Collin Co., Texas. Stone. Black chondrite. Complete individual with one polished face, 33x35 cm. Thickness of stone 25 cm. The bounding surfaces are generally concave. See Plate LXIII. Cat. No. 1438. Mass with crust and polished surface. Cat. No. 1436. Full-sized, polished section. Cat. No. 1437. Mass with crust and polished surface. Cat. No. 355.	52,163 2,610 2,491 72
372	Found 1875	Mejillones, Atacama, Chile. Iron. Brecciated hexahedrite. Etched fragment. Granular structure visible. Cat. No. 1063.	2
373	Described 1875	Mejillones, Atacama, Chile. Iron-stone. Grahamite. Polished section with crust. Large inclusions of chrysolite are noticeable. Cat. No. 1266.	185
374	Found 1884	Merceditas, Chile. Iron. Medium octahedrite. Etched slab with crust. The bands are remarkably long and straight. Cat. No. 992. Similar to previous specimen. Cat. No. 821. Etched slab with crust. Cat. No. 586.	729 173 156
375	Fell 1878 Aug. 29 2:30 P. M.	Mern, Denmark. Stone. Veined crystalline spherical chondrite. Mass with crust. Shows large grains of troilite. Cat. No. 1589.	29
376	Fell 1897 May 19 7:45 P. M.	Meuselbach, Germany. Stone. Veined crystalline spherulitic chondrite. Fragment with crust. Cat. No. 1855.	3
377	Fell 1859 April 4	Mexico, (Pampanga), Luzon, Philippines. Stone. Brecciated gray chondrite. Fragment with polished surface. Shows vein of metal. Cat. No. 1598.	2
378	Fell 1852 Sept. 4 4:30 P. M.	Mező-Madaras, Transylvania, Hungary. Stone. Brecciated gray chondrite. Mass with crust and armored surfaces. Cat. No. 1608. Mass with crust and polished surfaces. Cat. No. 1607. Fragment with crust. Cat. No. 261. Interior fragment. Polished. Cat. No. 260.	331 166 4 2
379	Fell 1827 Feb. 16 3 P. M.	Mhow, N. W. Provinces, India. Stone. Intermediate chondrite. Fragment from interior. Polished surface. Cat. No. 1633.	2

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
380	Fell 1851 Mar. 14 3:30 P. M.	Middleborough, York, England. Stone. White chondrite. Fragments with crust. Cat. No. 1634.	0 1
381	Fell 1889 June 9 8:30 A. M.	Mighëi, Kherson, Russia. Stone. Carbonaceous chondrite. Large mass with crust. Cat. No. 1456. Fragments with crust. Cat. Nos. 338-9.	2,250 5
382	Fell 1842 April 26 3 P. M.	Milena, (Fusinsko Selo), Croatia, Hungary. Stone. White chondrite. Polished slab with crust. Cat. No. 1849. Fragment from interior. Cat. No. 250. Fragment from interior. Cat. No. 1850.	10 6 3
383	Fell 1888	Minas Geraes, Brazil. Stone. Veined white chondrite. Mass with crust and polished surface. A vein and armored surface are shown. The stone takes a good polish. Cat. No. 1622.	422
384	Found 1857	Mincy, Taney Co., Missouri. Iron-stone. Mesosiderite. Thin slab, 17x33 cm. with polished surface. Cat. No. 1253. Sawed slab, 10x13 cm., showing natural and polished surfaces. The metallic and non-metallic minerals are about equally abundant. Cat. No. 167. Fragment with natural surface. Cat. No. 77.	2,222 395 4
385	Fell 1890 April 10 3:30 P. M.	Misshof, Kurland, Russia. Stone. Spherulitic chondrite. Mass with crust and polished surface. Cat. No. 1631. Mass with crust and polished surface. Cat. No. 1630.	176 97
386	Known 1804	Misteca, Oaxaca, Mexico. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 32. Etched section. Cat. No. 956.	86 70
387	Fell 1882 Feb. 3 4 P. M.	Mocs, Transylvania, Austria. Stone. Veined white chondrite. Complete individual. Cat. No. 1444. Nineteen individuals. Cat. No. 1447. Complete individual. Cat. No. 1445. Complete individual. Cat. No. 1446. Wedge-shaped individual with primary and secondary crust. Cat. No. 1452. Nearly complete individual. Cat. No. 324. Mass with crust. Cat. No. 1453. Polished mass. Cat. No. 1454. Nearly complete individual. Cat. No. 1451. Complete individual. Cat. No. 1449. Oriented fragment. Cat. No. 1450. Three fragments with crust. Cat. No. 323. Two individuals. Cat. Nos. 330, 331. Nine small individuals. Cat. No. 1448.	2,265 1,502 905 564 564 545 530 481 333 230 188 55 46 16

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
388	Found 1899	Moctezuma , Sonora, Mexico. Iron. Medium octahedrite. Etched slab with fracture edges. Cat. No. 926.	357
389	Fell 1905 Sept. 2 9:30 P. M.	Modoc , Scott Co., Kansas. Stone. White chondrite. Complete individual showing unusual crust markings. Cat. No. 743. Mass with oriented crust. Cat. No. 747. Nearly complete individual. Cat. No. 745. Mass with crust. Cat. No. 1971. Complete individual. Cat. No. 744.	3,181 879 283 180 170
390	Fell 1858 Dec. 24	Molina , Murcia, Spain. Stone. Brecciated gray chondrite. Mass with crust. Specimen of uniform brown color from oxidation. Cat. No. 1635.	33
391	Found 1912	Molong , Ashburnham Co., New South Wales. Iron-stone. Pallasite. Section. Cat. No. 1970.	630
392	Fell 1846 May 8 9:30 A. M.	Monte Milone , Rome, Italy. Stone. Brecciated white chondrite. Fragments from interior and with crust. Cat. No. 1623.	13
393	Fell 1838 July 22 Day	Montlivault , Loir-et-Cher, France. Stone. White chondrite. Two fragments with crust and polished surface. Cat. No. 1619.	5
394	Fell 1808	Mooradabad , N. W. Provinces, India. Stone. White chondrite. Fragments from interior. Cat. No. 1596.	1
395	Recognized 1893	Mooranoppin , Lansdowne Co., West Australia. Iron. Coarsest octahedrite. Polished and etched section with crust. Figures irregular. Cat. No. 540. Full-sized section, etched. Cat. No. 975.	99 74
396	Fell 1810 August Noon	Mooresfort , Tipperary, Ireland. Stone. Veined gray chondrite. Two fragments from interior. Cat. No. 1681. Two fragments from interior. Cat. No. 1682. Fragment with crust. Cat. No. 228.	16 14 7
397	Fell 1826 May 19	Mordvinovka , Ekaterinoslaw, Russia. Stone. White chondrite. Mass with crust and polished surface. Metallic grains coarse. Cat. No. 1686. Fragment from interior. Cat. No. 448. Fragment from interior. Cat. No. 1687.	22 15 11
398	Found 1600	Morito , (San Gregorio), Chihuahua, Mexico. Iron. Medium octahedrite. Etched fragment with crust. Cat. No. 942.	14

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
399	Fell 1875 Sept.	Mornans, Drome, France. Stone. Veined gray chondrite. Sawed fragment with crust. Cat. No. 1599.	2
400	Found 1892	Morradal, Skiaker, Norway. Iron. Ataxite. Thin, etched slab. Cat. No. 824. Thin, etched slab. Cat. No. 961.	17 5
401	Found 1887	Morristown, Hamblen Co., Tennessee. Iron-stone. Mesosiderite. Wedge-shaped section with crust and polished surface. Cat. No. 1282. End piece with polished surface. Cat. No. 1281. Thick, full-sized, polished section. Cat. No. 1280.	2,265 1,247 679
402	Fell 1868 Dec. 22	Motecka-Nugla, Bhurtpore, India. Stone. Crystalline chondrite. Fragment with crust and two polished surfaces. Fine-grained. Cat. No. 1683. Fragment from interior. Cat. No. 1684.	7 5
403	Fell 1868 Feb. 29 11 A. M.	Motta di Conti, Piedmont, Italy. Stone. Spherulitic chondrite. Mass with crust. Friable. Cat. No. 1685.	37
404	Fell 1902 July 17 9:30 A. M.	Mount Browne, Evelyn Co., New South Wales. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 1329. Mass with crust. Cat. No. 576.	226 186
405	Found 1903	Mount Dyrning, Singleton, New South Wales. Iron-stone. Pallasite. Mass with crust. Cat. No. 575. Mass with crust. Cat. No. 1320.	292 132
406	Found 1913	Mount Edith, Ashburton District, West Australia. Iron. Medium octahedrite. Full-sized, etched section, 58x23 cm. Cat. No. 1959.	10,375
407	Found 1887	Mount Joy, Adams Co., Pennsylvania. Iron. Coarsest octahedrite. Full-sized, etched section, 61x83 cm. Cat. No. 1051. Full-sized, etched section, 48x69 cm. Cat. No. 1050. Etched section, 10x13 cm. Cat. No. 432.	20,000 14,814 733
408	Found 1892	Mount Stirling, West Australia. Iron. Coarse octahedrite. Full-sized, etched section. Shows abundant cohenite, troilite nodules and one perforation. Cat. No. 1004. Etched fragment. Cat. No. 829.	952 57

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
409	Found 1868	Mount Vernon, Christian Co., Kentucky. Iron-stone. Pallasite. Polished slab 15x15 cm. Shows net-work of nickel-iron holding rounded or angular masses of chrysolite. The nickel-iron is unequally distributed, occurring now in a solid mass, now in a network. It frequently contains inclusions of schreibersite. Cat. No. 567.	1,000
410	Fell 1899 Jan. 25	Mount Zomba, Nyassa Land, Africa. Stone. Veined white chondrite. Fragment with crust. Cat. No. 1360.	18
411	Fell 1865 Sept. 21 7 A. M.	Muddoor, Madras, India. Stone. Spherulitic chondrite. Fragment with crust. Cat. No. 1593. Fragment from interior. Cat. No. 1594.	6 4
412	Found 1897	Mungindi, Queensland, Australia. Iron. Finest octahedrite. Mass 18x8 cm. with etched and pitted surface. Cat. No. 1003. Full-sized, etched section, 21x9 cm. Figures well marked. Numerous troilite inclusions. Cat. No. 461.	1,360 627
413	Found 1847	Murfreesboro, Rutherford Co., Tennessee. Iron. Medium octahedrite. Polished mass with oxidized edges. Cat. No. 910. Etched slab showing distinct figures, the plates of which run principally at right angles. Cat. No. 58. Thin, etched slab with crust. Cat. No. 909. Etched slab from surface. Cat. No. 827.	25 20 20 20
414	Found 1899	Murphy, Cherokee Co., North Carolina. Iron. Hexahedrite. Full-sized slab, etched. No. 967. Full-sized slab, etched. Cat. No. 966. Polished and etched section. Shows typical sheen of hexahedrites; also a few, small troilite inclusions. Cat. No. 503.	305 260 125
415	Fell 1875 April 24	Nageria, N. W. Provinces, India. Stone. Eukrite(?) Fragment with crust. The crust is thick and glassy and the interior shows feldspar and pyroxene. Cat. No. 1674.	2
416	Fell 1895 May 9	Nagy-Borove, Liptoer, Hungary. Stone. Gray chondrite. Complete individual. Cat. No. 1604. Mass with crust and sawed surfaces. Cat. No. 1605.	184 26
417	Found 1890	Nagy-Vazsony, Hungary. Iron. Medium octahedrite. Thin slab showing crust, etched and polished surfaces. Cat. No. 139. Thin slab like preceding. Cat. No. 974.	37 36

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
418	Fell 1911 June 28 9 A. M.	Nakhla, Egypt. Stone. Nakhlite. Fragment with crust. Crust shining and black, interior dark green and crystalline. Cat. No. 804.	15
419	Fell 1886 Jan. 27	Nammianthal, Madras, India. Stone. Veined spherulitic chondrite. Mass with crust and sawed surfaces. Cat. No. 1627. Mass from interior. Cat. No. 1629. Mass with crust and polished surface. Cat. No. 1628.	65 36 20
420	Fell 1825 Feb. 10 Noon	Nanjemoy, Charles Co., Maryland. Stone. Spherical chondrite. Mass with crust and sawed surface. Apparently of coarser structure than following specimen. Cat. No. 1626. Mass with crust and polished surface. Light-gray, fine-grained, somewhat friable. Metallic particles thickly distributed. Cat. No. 1625.	82 24
421	Found 1855	Narraburra, New South Wales. Iron. Finest octahedrite. Full-sized section, deeply etched. Cat. No. 1142.	168
422	Fell 1890 June 6	Nawapali, Central Provinces, India. Stone. Carbonaceous chondrite. Fragment from interior. Black. Shows chondri under lens. Not friable. Cat. No. 1655.	2
423	Fell 1870 Jan. 23	Nedagolla, Madras, India. Iron. Ataxite. Two fragments, etched. Cat. No. 1090.	10
424	Found 1864	Nejed, Wadee Baneé Khaled, Central Arabia. Iron. Medium octahedrite. Nearly complete individual with one etched surface. Cat. No. 1100. Etched slab with crust. Cat. No. 523. Thin, etched slab. Cat. No. 1186.	48,080 180 30
425	Found 1856.	Nelson County, Kentucky. Iron. Coarsest octahedrite. Large, polished slab, upon which coarse figures are here and there dimly outlined. Cat. No. 488. Etched section with crust. Cat. No. 1184. Polished slab. Cat. No. 1183. Oxidized scaling. Cat. No. 73.	455 280 151 23
426	Found 1872	Nenntmannsdorf, Saxony, Germany. Iron. Hexahedrite. Thin slab with polished surface. Cat. No. 1123. Cleavage pieces. Cat. No. 447.	22 4

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
427	Fell 1864 April 12 4:45 A. M.	Nerft, Kurland, Russia. Stone. Veined intermediate chondrite. Mass with crust. Cat. No. 1637. Mass from interior. Cat. No. 585.	62 44
428	Found 1897	Ness County, Kansas. Stone. Crystalline chondrite. Complete individual. Rounded, wedge-shaped. Shows primary and secondary crust. Cat. No. 809. Complete individual. Crust black. Cat. No. 808. Complete individual. Form triangular-pyramidal. Cat. No. 810. Two complete individuals. Cat. No. 813. Complete individual. Cat. No. 754. Complete individual. Cat. No. 593. Complete individual. Form rectangular-prismatic. Cat. No. 811. Complete individual. Cat. No. 812. End piece with polished surface. Cat. No. 815. Two complete individuals. Cat. No. 814. Complete individual. Cat. No. 807. Thirteen complete individuals. Crust black. Cat. No. 806. Complete individual. Crust black. Cat. No. 816. Complete individual. Cat. No. 1973. Kansada. Mass with crust and polished surfaces. Cat. No. 818.	3,400 2,947 2,265 1,585 1,360 1,150 1,132 906 906 580 572 400 35 22 2,530
429	Fell 1860 May 1 12:45 P. M.	New Concord, Muskingum Co., Ohio. Stone. Veined intermediate chondrite. Individual cut in two parts. Cat. No. 1824. Mass with crust and polished surfaces. A metallic vein is noticeable. Cat. No. 274. Mass with crust and polished surfaces. Cat. No. 1825. Mass with crust. Not oxidized. Cat. No. 1826. Nearly complete individual. Cat. No. 273.	3,708 753 650 440 347
430	Fell 1883 Oct. 3	Ngawi, Java. Stone. Ngawite. Sawed section with crust. Cat. No. 1675.	10
431	Fell 1900 June 15	N'Goureyima, Soudan, Africa. Iron. Brecciated octahedrite. Full-sized, etched section. Cat. No. 978. Full-sized, polished section. Cat. No. 597.	882 145
432	Found 1879	Niagara, Grand Forks Co., North Dakota. Iron. Coarse octahedrite. Fragment with crust and etched surface. Cat. No. 946.	24
433	Fell 1823 Aug. 7 4:30 P. M.	Nobleboro, Lincoln Co., Maine. Stone. Howardite. Mass with crust. A splendid specimen of this rare meteorite. Cat. No. 1370.	19

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
434	Found 1876	Nochtuisk, Yakutsk, Russia. Iron. Coarse octahedrite. Apparently a small individual with one end etched. The substance is porous. Cat. No. 1175.	2
435	Found 1895	Nocoleche, New South Wales. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 1039.	1,120
436	Fell 1879 July 1 Evening	Nogoya, Entre Rios, Argentina. Stone. Carbonaceous chondrite. Mass, entirely black in color, one surface having a scoriaceous appearance, the remainder the luster of graphite. Cat. No. 320. Mass with crust. Cat. No. 1680.	10 10
437	Fell 1886 Sept. 22 7:45 A. M.	Nowo-Urei, Kazan, Russia. Stone. Ureilite. Mass with crust and polished surface. Color nearly black. Cat. No. 1678. Fragment with crust. Cat. No. 582.	49 5
438	Fell 1851 Nov. 5 5:30 P. M.	Nulles, Tarragona, Spain. Stone. Brecciated gray chondrite. Fragments with crust. Cat. No. 1676.	8
439	Found 1895	Oakley, Logan Co., Kansas. Stone. Crystalline chondrite. End piece, 25x30 cm. Cat. No. 1458. Full-sized section 25x30 cm. Polished on one surface. Cat. No. 1457. Polished section 5x14 cm. with crust. Gift of Prof. H. A. Ward. Cat. No. 501.	6,579 2,263 263
440	Found 1863	Obernkirchen, Prussia, Germany. Iron. Fire octahedrite. Cuboidal mass with crust and polished surfaces. Cat. No. 1081. Etched slab with crust. Cat. No. 1082.	124 61
441	Prehistoric	Octibbeha, Octibbeha Co., Mississippi. Iron. Ataxite. Slice. Cat. No. 1174.	1
442	Found 1871	Oczeretna, Kief, Russia. Stone. Veined gray chondrite. Fragment with crust and sawed surface. Metal abundant. Cat. No. 1677.	3
443	Fell 1855 May 11 3:30 P. M.	Oesel, (Kaande), Livonia, Russia. Stone. White chondrite. Mass from interior. Cat. No. 1688. Crusted fragments. Cat. No. 264.	47 2
444	Found 1730	Ogi, Hizen, Japan. Stone. White chondrite. Mass with crust and sawed surface. Cat. No. 1690.	23
445	Fell 1857 Mar. 11 12:15 A. M.	Ohaba, Transylvania, Austria. Stone. Veined gray chondrite. Slab with crust and polished surface. Cat. No. 1652.	6

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
446	Fell 1833 Dec. 22 9:30 A. M.	Okniny, Volhynia, Russia. Stone. Brecciated gray chondrite. Polished slab with crust and armored surface. Cat. No. 1653.	10
447	Known 1856	Orange River, Garib, South Africa. Iron. Medium octahedrite. Sawed section with natural crust, smooth and deeply pitted. Cat. No. 71. Etched slab, showing typical octahedral figures and nodule of troilite. Cat. No. 72. Etched slab with crust. Cat. No. 1896.	114 95 74
448	Fell 1864 May 14 8 P. M.	Orgueil, Tarn et Garonne, France. Stone. Carbonaceous chondrite. Mass with crust. Cat. No. 1743. Fragments with crust. Cat. No. 1744. Fragments, some with crust. Cat. No. 509.	32 30 20
449	Fell 1868 July 11	Ornans, Doubs, France. Stone. Spherical chondrite. Fragment with crust. Cat. No. 1766. Fragment sawed from interior. Resembles a lump of hardened, sandy mud. Cat. No. 294. Fragment with crust. Cat. No. 1767.	49 19 18
450	Found 1893	Oroville, Butte Co., California. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 859. Full-sized, etched section. Troilite occurs in elongated masses. Cat. No. 860.	315 262
451	Fell 1872 Aug. 31 5:15 A. M.	Orvinio, Perugia, Italy. Stone. Orvinite. Three fragments with crust. Cat. No. 1651.	38
452	Found 1895	Oscuro Mountains, Socorro Co., New Mexico. Iron. Coarse octahedrite. End piece, etched. Cat. No. 855. Etched section with crust. Cat. No. 457.	640 113
453	Fell 1896 April 9	Ottawa, Franklin Co., Kansas. Stone. Howarditic chondrite. Two masses with crust. Cat. No. 1692. Mass with crust. Cat. No. 1691. Fragment with crust. Cat. No. 757.	72 36 1
454	Fell 1881 June 18 Morning	Pacula, Hidalgo, Mexico. Stone. Brecciated white chondrite. Mass with crust. Cat. No. 1615. Mass with crust. Cat. No. 1616.	92 88
		Palezieux, see Chervettaz.	
455		Pampa de Agua Blanca, Chile. Stone. Much oxidized fragment with crust. Nothing further seems to be known of this meteorite. Cat. No. 1901.	9

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
456	Found 1887	Pan de Azucar, Tarapaca, Chile. Iron. Coarse octahedrite. Full-sized slab, etched. The bands are swollen. Cat. No. 1133.	210
457	Fell 1857 Feb. 28 Noon	Parnallee, Madras, India. Stone. Veined gray chondrite. Mass with crust and polished surface. Cat. No. 1848. Mass with crust and polished surface. Abundant troilite. Cat. No. 437. Thin slab with crust. Cat. No. 1847. Polished slab with large nodule of troilite. Cat. No. 1846. Fragment with crust. Cat. No. 270.	486 167 160 18 3
458	Found 1885	Pavlodar, Tomsk, Russia. Iron-stone. Pallasite. End piece with polished surface. Cat. No. 1313.	1,360
459	Fell 1826 May 19	Pavlograd, (Mordvinovka), Ekaterinoslav, Russia. Stone. White chondrite. Sawed mass from interior. Much oxidized. Cat. No. 1644. Fragment from interior. Not oxidized. Cat. No. 448. Fragment with crust. Cat. No. 1645.	90 15 6
460	Fell 1882 Aug. 2 4:30 P. M.	Pavlovka, Saratowsk, Russia. Stone. Howardite. Mass with crust. Cat. No. 1378. Mass from interior. Cat. No. 1377.	94 73
Penkarring Rock, see Youndegin.			
461	Fell 1899 7 A. M.	Peramiho, Songea, West Africa. Stone. Eukrite. Fragment with crust. Cat. No. 1679.	1
462	Found 1906	Perryville, Perry Co., Missouri. Iron. Finest octahedrite. Full-sized section, etched. Cat. No. 802.	182
463	Found 1903	Persimmon Creek, Cherokee Co., North Carolina. Iron. Finest octahedrite. Polished section with crust. Cat. No. 614. Full-sized, etched section. The peculiar structure and constituents of this iron are well shown. Cat. No. 970.	165 126
464	Fell 1855 Aug. 5 3:30 P. M.	Petersburg, Lincoln Co., Tennessee. Stone. Howardite. Mass with crust. Cat. No. 1356. Fragment with crust. Cat. No. 1357.	205 9
465	Found 1841	Petropavlovsk, Smolensk, Russia. Iron. Medium octahedrite. Slab from surface, etched. Cat. No. 1115.	46

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
466	Fell 1887 Sept. 12	Phu Long , French Indo-China. Stone. Veined spherulitic chondrite. Polished slab with crust. Cat. No. 1618.	11
467	Found 1908	Pickens County , Georgia. Stone. Crystalline chondrite. Mass with crust. Cat. No. 836. Mass with crust. Cat. No. 837.	312 68
468	Fell 1863 Aug. 8 12:30 P. M.	Pillistfer , Kurland, Russia. Stone. Crystalline chondrite. Mass with crust. Cat. No. 1646. Mass with crust and polished surface. Metal abundant. Cat. No. 1647. Fragment from interior. Cat. No. 279.	39 29 1
469	Found 1887	Pipecreek , Brandera Co., Texas. Stone. Veined crystalline chondrite. About one-third the original mass. One surface polished. Cat. No. 1580. Mass with crust and polished surfaces. Cat. No. 1579. Irregular fragment with one polished surface. Cat. No. 337.	3,855 368 84
470	Fell 1882 Aug. 29	Pirgunje , Bengal, India. Stone. Veined white chondrite. Mass with crust. Contains vein of troilite. Cat. No. 1639.	28
471	Fell 1884 Feb. 9 2:30 P. M.	Pirthalla , Punjaub, India. Stone. Brecciated spherical chondrite. Fragment with crust. Cat. No. 1643.	1
472	Found 1850	Pittsburg , Allegheny Co., Pennsylvania. Iron. Coarsest octahedrite. Etched fragment with crust. Cat. No. 1187. Etched fragment with crust. Cat. No. 823. Etched fragment with crust. Cat. No. 433.	22 14 4
473	Found 1913	Plainview , Hale Co. Texas., Stone. Chondrite. Complete individual. See Plate LXIV. Cat. No. 1968.	2,000
474	Fell 1723 June 22	Ploschkowitz , Bunzlau, Bohemia. Stone. Brecciated spherulitic chondrite. Fragment from interior. Cat. No. 1617. Fragments with crust. Cat. No. 493.	2 2
475	Found 1893	Plymouth , Marshall Co., Indiana. Iron. Medium octahedrite. Full-sized section, etched. Cat. No. 1130. Full-sized section, etched. Cat. No. 1131.	626 464
476	Fell 1868 June 30 3 P. M.	Pnompehn , Cambodia, French Indo-China. Stone. White chondrite. Fragments from interior. Cat. No. 1597.	2

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
477	Fell 1819 Oct. 13 8 A. M.	Pohlitz, Reuss-Gera, Germany. Stone. Veined white chondrite. Three fragments with crust. Cat. No. 1624.	11
478	Found 1863	Ponca Creek, (Dakota), Nebraska. Iron. Coarsest octahedrite. Full-sized slab, etched. Shows hieroglyphic and vein-like inclusions of schreibersite. Cat. No. 929.	305
479	Found 1893	Prairie Dog Creek, Decatur Co., Kansas. Stone. Spherical crystalline chondrite. Mass with crust. Cat. No. 1337. Mass with crust. Cat. No. 1338. Mass from interior. Shows single chondrus 1 mm. in diameter. Cat. No. 563.	94 63 18
480	Found 1797	Prambanan, Java. Iron. Fine octahedrite. Etched fragment with crust. The figures are well defined and there are numerous elongated inclusions. Cat. No. 1160.	16
481	Fell 1893 Feb. 13	Pricetown, Highland Co., Ohio. Stone. White chondrite. Fragment with crust. Crust thick and shining. Cat. No. 1768.	4
482	Fell 1863 Mar. 16 Afternoon	Pulsora, Indore, India. Stone. Brecciated intermediate chondrite. Fragment from interior. Nearly black in color. Amorphous, with large chrysolite crystals. The specimen is far from having the characters of an intermediate chondrite. Cat. No. 1638.	5
483	Fell 1868 Jan. 30 7 P. M.	Pultusk, Poland. Stone. Veined gray chondrite. Complete individual. Cat. No. 1581. One hundred and ten small individuals. Cat. No. 1585. Forty-nine small individuals. Cat. No. 290. Two medium-sized individuals. Cat. No. 1583. Individual showing primary and secondary crust. Cat. No. 1588. Seven medium-sized individuals. Cat. No. 291, 292. Medium-sized individual. Cat. No. 1582. Part of a large individual. Cat. No. 289. Medium-sized individual. Cat. No. 1584. Individual with armored and smoked surface. Cat. No. 1586. Individual cut in two and surfaces polished. Cat. No. 1587.	7,938 2,385 740 697 650 506 354 350 275 230 166

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
484	Found 1885	Puquios, Chile. Iron. Medium octahedrite. Nearly full-sized section, etched. Cat. No. 1106. Full-sized slab, etched. Irregular figures are dimly brought out by etching, also flakes of schreibersite. Cat. No. 377. Etched slab with crust. Cat. No. 1105.	171 154 71
485	Found 1839	Putnam County, Georgia. Iron. Fine octahedrite. Polished slab with crust. Cat. No. 892. Cleavage piece, oxidized. Cat. No. 893. Cleavage piece with taenite. Cat. No. 44.	28 22 4
486	Fell 1857 Dec. 27 2:30 A. M.	Quenggouk, Lower Burmah, India. Stone. Spherulitic chondrite. Mass with crust. One chondrus is 9 mm. in diameter. Cat. No. 1614.	300
487	Fell 1898 Aug. 1 9 P. M.	Quesa, Valencia, Spain. Iron. Fine octahedrite. Etched fragment. Cat. No. 1169	1
488	Fell 1851 Summer	Quincay, Vienna, France. Stone. Brecciated gray chondrite. Two fragments with crust and polished surfaces. Cat. No. 1657.	11
489	Found 1908	Quinn Canyon, Nye Co., Nevada. Iron. Medium octahedrite. Complete individual. Cat. No. 775. Gift of R. T. Crane, Jr., Stanley Field, Cyrus H. McCormick and George F. Porter.	1,450,000
490	Found 1886	Rafruti, Berne, Switzerland. Iron. Ataxite. Two slabs with crust, etched. Cat. No. 1136.	10
491	Fell 1878 Nov. 20.	Rakowka, Tula, Russia. Stone. Intermediate chondrite. Mass with crust. Cat. No. 1654.	163
492	Found 1882	Rancho de la Pila, Durango, Mexico. Iron. Medium octahedrite. Etched section with crust on three edges. Bands long and straight. Cat. No. 1172. The above specimen was labeled Cacaria by Ward but has the characters assigned to Rancho de la Pila.	74
493	Fell 1899	Rancho de la Presa, Michoacan, Mexico. Stone. Spherulitic chondrite. Fragment with crust. Crust black, interior dark gray, chondritic. Cat. No. 1671.	3

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
494	Found 1810	Rasgata, Boyaca, U. S. of Colombia. Iron. Ataxite. Polished section. Cat. No. 571. Mass with crust and polished surface. The crust surface is covered with only a slight coating of black oxide and shows terrestrial pitting. Cat. No. 1156. Polished fragment. Cat. No. 435.	97 95 2
495	Found 1808	Red River, Texas. (Gibbs meteorite.) Iron. Medium octahedrite. Chiseled fragment, one end etched. Symmetrical figures are shown. Cat. No. 34. Etched fragment with crust. Cat. No. 917. Small, etched slab. Cat. No. 918.	55 32 22
496	Found 1895	Reed City, Osceola Co., Michigan. Iron. Hammond octahedrite. Kidney-shaped end piece 8x23 cm., etched. Cat. No. 1042. Full-sized, etched section, 9x26 cm. Cat. No. 1041. Etched section with crust. Cat. No. 560.	2,040 882 137
497	Fell 1824 June 15 8:30 P. M.	Renazzo, Ferrara, Italy. Stone. Black chondrite. Two fragments with crust. Cat. No. 1656.	7
498	Found 1900	Rhine Villa, South Australia. Iron. Medium octahedrite. Full-sized, etched section. The bands are short and swollen. Cat. No. 869.	155
497	Fell 1828 June 4 8:30 A. M.	Richmond, Henrico Co., Virginia. Stone. Crystalline spherical chondrite. Section with crust, polished. Cat. No. 1735. Fragment from interior. Cat. No. 239.	35 2
500	Fell 1876 Dec. 21 8:45 P. M.	Rochester, Fulton Co., Indiana. Stone. Spherulitic chondrite. Two fragments with crust. Cat. No. 1636.	1
501	Fell 1871 Spring	Roda, Huesca, Spain. Stone. Rodite. Mass with crust. The crust on one surface is of the eukritic order. Cat. No. 1376.	26
502	Found 1852	Rodeo, Durango, Mexico. Iron. Fine octahedrite. About one-half of the original mass. One surface etched. Cat. No. 590. Full-sized, etched section. Cat. No. 1951. Full-sized, etched section. Cat. No. 1129. Full-sized, etched section. Cat. No. 1128.	25,821 1,812 1,502 1,105

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
503	Found 1892	Roebourne, Queensland, Australia. Iron. Medium octahedrite. Full-sized, etched section. 6 cm. thick. Cat. No. 873. End piece, 20 cm. long, etched. Cat. No. 874. Full-sized, etched section. Cat. No. 872 Full-sized, etched section, 10x22 cm. Cat. No. 460.	19,390 13,718 5,224 1,480
504	Found 1897	Rosario, Honduras. Iron. Coarse octahedrite. Full-sized, etched section. Cat. No. 1132.	460
505	Fell 1876 April 20 3:15 P. M.	Rowton, Shropshire, England. Iron. Medium octahedrite. Fragment with crust and etched surfaces. Cat. No. 1164.	13
506	Found 1844	Ruff's Mountain, Lexington Co., South Carolina. Iron. Medium octahedrite. Mass with crust and etched surfaces. Cat. No. 1170. Mass with crust and etched surfaces. Cat. No. 1171.	118 117
507	Found 1866	Rushville, Franklin Co., Indiana. Stone. Gray chondrite. Mass from interior. Cat. No. 1672. Fragment with crust. Cat. No. 1673.	19 1
508	Found 1863	Russel Gulch, Gilpin Co., Colorado. Iron. Fine octahedrite. Etched slab with crust. Cat. No. 1157.	277
509	Found 1896	Sacramento Mountains, Eddy Co., New Mexico. Iron. Medium octahedrite. Full-sized, etched section, 15x53 cm. Cat. No. 875. Full-sized, etched section, 12x40 cm. Shows typical well-defined, octahedral figures, and two large nodules of troilite, one of which is perforated. Cat. No. 465.	6,122 2,330
510	Fell 1863 Jan. 28 2:45 P. M.	Saint Caprais de Quinsac, Gironde, France. Stone. Intermediate chondrite. Fragment from interior. Cat. No. 1668.	4
511	Fell 1841 Sept. 6	Saint Christophe la Chartreuse, Vendee, France. Stone. White chondrite. Slice with crust. Cat. No. 1693.	9
512	Fell 1855 June 7 7:45 P. M.	Saint Denis Westrem, Belgium. Stone. Veined spherulitic chondrite. Two fragments with crust. Cat. No. 1642.	13
513	Found 1863	Saint Francois County, Missouri. Iron. Coarse octahedrite. Full-sized, etched section. Cat. No. 866.	753

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
514	Found 1888	Saint Genevieve County, Missouri. Iron. Fine octahedrite. About one-half the original mass. Two etched surfaces. Cat. No. 1049. Full-sized, etched section. Cat. No. 1048. Etched slab, 9x12 cm. Gift of Prof. H. A. Ward. Cat. No. 512.	98,428 7,701 790
515	Fell 1890 July 4 3:30 P. M.	Saint Germain en Puel, Ille et Villain, France. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 805.	106
516	Fell 1866 May 30 3:20 A. M.	Saint Mesmin, Aube, France. Stone. Brecciated intermediate chondrite. Mass with crust. Cat. No. 612. Four fragments, two with crust. Cat. No. 1722.	32 21
517	Fell 1910 July 12 7:30 P. M.	Saint Michel, Finland. Stone. Rodite. Mass with crust. Cat. No. 1947.	235
518	Fell 1898 Nov. 15 9:30 P. M.	Saline, Sheridan Co., Kansas. Stone. Crystalline spherical chondrite. About two-thirds of the original individual. Crust black, with metallic points and one large globule of metal. Interior compact, greenish-black in color, and showing abundant metallic grains. Cat. No. 527. Mass with crust and polished surface. Cat. No. 1333. Mass with crust. Cat. No. 1334.	19,500 1,360 1,042
519	Fell 1798 Mar. 12 6 P. M.	Salles, Rhone, France. Stone. Veined intermediate chondrite. Mass with crust and sawed surface. A well-marked, brecciated structure is apparent. Cat. No. 1723.	109
520	Found 1869	Salt Lake City, Utah. Stone. Brecciated gray chondrite. Mass with crust and polished surfaces. Cat. No. 1859.	123
521	Found 1850	Salt River, Bullitt Co., Kentucky. Iron. Finest octahedrite. Etched mass with crust. The octahedral structure is only discernible under a lens. Cat. No. 1141.	79
522	Found 1897	San Angelo, Tom Green Co., Texas. Iron. Medium octahedrite. Full-sized, etched section. Cat. No. 965. Full-sized, etched section. One troilite nodule. Cat. No. 964. Full-sized, etched section, 12x27 cm. Shows typical octahedral figures, with circular and elongated inclusions of troilite, the latter often distributed in a vein-like manner. Cat. No. 478.	2,551 1,814 1,501

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
523	Found 1896	San Cristobal, Atacama, Chile. Iron. Ataxite. End piece, etched. The crust surface is deeply pitted and smooth. Cat. No. 1146.	114
524	Recognized 1887	San Emigdio, San Bernardino Co., California. Stone. Spherical chondrite. Mass with crust (?) and polished surface. A section of a nickel-iron chondrus, 5 mm. in diameter is a feature. Cat. No. 1713. Fragments from interior, one bearing crust. Cat. Nos. 446, 451.	24 15
525	Found 1868	San Francisco del Mezquital, Durango, Mexico. Iron. Ataxite. Etched slab with crust. Cat. No. 1135.	12
526	Found 1887	San Pedro Springs, Bexar Co., Texas. Stone. White chondrite. Fragment with crust and polished surface. Cat. No. 1666.	3
527	Found 1872	Santa Apolonia, Tlascala, Mexico. Iron. Medium octahedrite. Etched slab with crust. Figures octahedral, bands long and straight. Cat. No. 1010.	212
528	Fell 1899 Feb. 12 7 A. M.	Santa Barbara, Rio Grande do Sul, Brazil. Stone. Gray chondrite. Mass with crust. Cat. No. 1851.	41
529	Found 1824	Santa Rosa, Colombia. Iron. Brecciated octahedrite. End piece with etched surfaces. Cat. No. 1945. Polished slab with numerous troilite inclusions. Cat. No. 762.	98,200 1,080
530	Known 1883	São Julião de Moreira, Minho, Portugal. Iron. Brecciated hexahedrite. Full-sized, polished section, 13x27 cm., with crust. Shows coarse, irregular inclusions of schreibersite. Cat. No. 556. Full-sized, etched section. Cat. No. 1104. Full-sized, etched section. Cat. No. 1103. Etched fragment with crust. Cat. No. 536.	1,782 785 181 30
531	Found 1854	Sarepta, Saratov, Russia. Iron. Coarse octahedrite. Etched section with crust. Cat. No. 1145.	286
532	Fell 1868 Sept. 8 2:30 A. M.	Sauguis, Basses-Pyrénées, France. Stone. Veined white chondrite. Fragments from interior. Cat. No. 1711. Fragment with crust and polished surface. Cat. No. 295.	11 4

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
533	Fell 1894 July 27 8 P. M.	Sawtschenskoje , Cherson, Russia. Stone. Crystalline spherulitic chondrite. Mass with crust. Cat. No. 1852.	25
543	Fell 1715 April 11 4 P. M.	Schellin , Prussia, Germany. Stone. Veined intermediate chondrite. Fragment from interior. Cat. No. 1600.	0.5
535	Fell 1814 Jan. 23 Noon	Scholokov , (Bachmut), Ekaterinoslaw, Russia. Stone. Veined white chondrite. Fragment with crust. Cat. No. 1724.	5
536	Fell 1846 Dec. 25 2:45 P. M.	Schönenberg , Swabia, Bavaria. Stone. Veined white chondrite. Thin slab with crust. Contains large nodule of troilite. Cat. No. 1853. Fragment with crust. Cat. No. 254.	24 8
537	Found 1850	Schwetz , Prussia, Germany. Iron. Medium octahedrite. Etched slab with crust. Cat. No. 1163.	92
538	Found 1905	Scott City , Scott Co., Kansas. Stone. Nearly complete individual with one polished surface. Cat. No. 1957. Complete individual. Cat. No. 1958.	1,725 135
539	Found 1867	Scottsville , Allen Co., Kentucky. Iron. Hexahedrite. End piece, etched. Cat. No. 1043. Full-sized slab, 12x17 cm. etched. Cat. No. 91.	1,150 364
540	Fell 1871 May 21 8:15 A. M.	Searsmont , Waldo Co., Maine. Stone. Spherical chondrite. Fragment with crust. Cat. No. 1710. Fragments from interior. Cat. Nos. 302-3.	5 3
541	Found 1847	Seeläsgen , Brandenburg, Prussia. Iron. Coarsest octahedrite. Etched slab. Cat. No. 1055. Cuboidal mass with crust and etched surfaces. Cat. No. 1054. Chiseled fragment. Cat. No. 57. Etched slab. Cat. No. 375.	623 374 41 12
542	Fell 1853 Mar. 6 Noon	Segowlee , Bengal, India. Stone. Crystalline chondrite. Broad mass with crust and polished surface. The crust surface is broadly concave. Cat. No. 1865. Slice from interior with polished surfaces. Much oxidized. Cat. No. 1863. Fragments from interior. Cat. No. 1864.	166 11 7
543	Found 1906	Selma , Dallas Co., Alabama. Stone. Spherulitic chondrite. Mass from interior with polished surface. The stone takes a good polish. Color dark. Cat. No. 1868.	24

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
544	Fell 1773 Nov. 17 Midnight	<p>Sena, (Sigena), Aragon, Spain. Stone. Brecciated gray chondrite. Fragment from the interior. Compact, mottled white, gray, and brown from presence of chondri and rusty metallic grains. Cat. No. 445.</p>	5
		<p>Two fragments, one with crust. Interior dark gray. Cat. No. 1854.</p>	4
545	Found 1850	<p>Seneca Falls, Seneca Co., New York. Iron. Medium octahedrite. Sawed section showing natural surface and fracture. Octahedral cleavage very distinct. One surface partially etched, bears an initial of the name of the first owner, Mr. L. C. Partridge. Loaned by Gen. G. Murray Guion. Cat. No. 60.</p>	300
		<p>Full-sized section, etched. Contains a circular nodule of troilite. Cat. No. 1200.</p>	104
546	Fell 1865 Aug. 25 11 A. M.	<p>Senhadja, Algiers, Africa. Stone. Veined white chondrite. Mass with crust. Cat. No. 1837.</p>	284
		<p>Mass from interior. Cat. No. 599.</p>	50
		<p>Fragment from interior. Cat. No. 283.</p>	1
547	Fell 1818 June	<p>Seres, Macedonia, Turkey. Stone. Gray chondrite. Mass with interior. Cat. No. 1866.</p>	39
		<p>Mass with polished surfaces. Cat. No. 1867.</p>	7
548	Found 1875	<p>Serrania de Varas, Atacama, Chile. Iron. Fine octahedrite. Mass with crust and etched surface. The figures of the etched surface resemble those of Butler. Different figures appear also on a portion. The figures differ from those described by Brezina and Fletcher. Cat. No. 950.</p>	31
		<p>Rough fragment. Cat. No. 951.</p>	10
549	Fell 1862 Oct. 1	<p>Sevilla, Spain. Stone. Howarditic chondrite. Fragments with crust. Cat. No. 1601.</p>	0.2
550	Fell 1874 May 11 11:45 P. M.	<p>Sevrukowo, Kursk, Russia. Stone. Black chondrite. Mass from interior with polished surface. Cat. No. 1602.</p>	140
		<p>Like previous specimen. Cat. No. 1603.</p>	51
551	Fell 1850 Nov. 30 4:30 A. M.	<p>Shalka, Bengal, India. Stone. Chladnite. Fragments with crust. Cat. No. 572.</p>	11
		<p>Fragment with crust. Cat. No. 1367.</p>	9

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
552	Fell 1904 Aug. 13 8 P. M.	Shelburne, Ontario, Canada. Stone. Veined gray chondrite. Half of small individual. Cat. No. 606. Mass with crust and two polished surfaces. A large, forked, metallic vein is an interesting feature. Cat. No. 1336. Full-sized section. Cat. No. 1953. End piece. Cat. No. 1952.	5,549 1,700 338 175
553	Fell 1865 Aug. 25 9 A. M.	Shergotty, (Umjhiawar), Bengal, India. Stone. Shergottite. Mass with crust. Crust shining and black. Cat. No. 1372.	40
554	Found 1869	Shingle Springs, El Dorado Co., California. Iron. Ataxite. Etched section with crust. Cat. No. 1137.	117
555	Found 1907	Shrewsbury, York Co., Pennsylvania. Iron. Medium octahedrite. Etched section. Cat. No. 776. Section. Cat. No. 777.	88 21
556	Fell 1863 Aug. 11 Noon	Shytl, Bengal, India. Stone. Brecciated intermediate chondrite. Two fragments with polished surfaces. Cat. No. 1697. Fragment from interior. Cat. No. 1696.	14 8
557	Fell 1794 June 16 7 P. M.	Siena, Tuscany, Italy. Stone. Howarditic chondrite. Mass with crust. Cat. No. 1698. Mass with polished surface. Cat. No. 1699.	52 13
558	Found 1784	Sierra Blanca, Chihuahua, Mexico. Iron. Coarse octahedrite. Two fragments. Cat. No. 1144.	1
559	Found 1887	Silver Crown, Laramie Co., Wyoming. Iron. Coarse octahedrite. Etched slab with crust. Cat. No. 995. Etched slab with crust. Structure closely crystalline, with a few rectangular figures. Lines of taenite very distinct. Cat. No. 130.	75 71
560	Fell 1901 June 10	Sindhri, Bombay, India. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 1339. Mass with crust. Cat. No. 573. Fragment from interior. Cat. No. 1340.	438 351 15
561	Fell 1875 Mar. 4	Sitathali, Rajputana, India. Stone. Howarditic chondrite. Two fragments with crust and sawed surfaces. Cat. No. 1695.	14
562	Fell 1848 Dec. 27 Evening.	Ski, Akershus, Norway. Stone. Veined white chondrite. Fragment from interior. Cat. No. 1667.	1

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
563	Fell 1868 May 22 10:30 A. M.	Slavetic, Croatia, Austria. Stone. Brecciated gray chondrite. Mass with crust and polished surface. Cat. No. 1665.	11
564	Fell 1818 Aug. 10	Slobodka, Smolensk, Russia. Stone. Spherulitic chondrite. Fragment from interior. Cat. No. 1694.	12
565	Found 1839	Smithland, Livingston Co., Kentucky. Iron. Ataxite. Mass worked into form of a wedge. Cat. No. 1162. Torn fragment, etched. Cat. No. 1161.	49 22
566	Found 1863	Smith's Mountain, Rockingham Co., North Carolina. Iron. Fine octahedrite. Large etched section. Cat. No. 452. Full-sized section, etched. The bands meet nearly at right angles. Cat. No. 1107. Etched section. Cat. No. 85.	231 214 17
567	Found 1840	Smithville, (Caryfort), Dekalb Co., Tennessee. Iron. Coarse octahedrite. Full-sized, etched section, 13x19 cm. Cat. No. 1026. End piece, etched. The iron "sweats" profusely. Cat. No. 1027. Thin slab, etched. Shows troilite and cohenite. Cat. No. 50.	1,871 1,814 55
568	Fell 1877 Oct. 13 2 P. M.	Sokobanja, near Alexinac, Servia. Stone. Spherical chondrite. Mass from interior. Cat. No. 1373. Mass from interior, showing inclusions of a less chondritic character. Cat. No. 1374. Irregular fragment of light-gray color, showing chondri, some of which are 2 mm. in diameter. Cat. No. 319.	243 75 33
569	Fell 1866 June 7	Sone Mura, Tampa, Japan. Stone. Crystalline chondrite. Fragment with crust. Crust shining, black. Cat. No. 1669.	1
570	Found 1893	South Bend, St. Joseph Co., Indiana. Iron-stone. Pallasite. Nearly complete individual. Cat. No. 607. Full-sized section. Cat. No. 1954. End piece with polished and etched surfaces. Cat. No. 1309.	2,174 172 117
571	Found 1873	Ssyromolotow, Jeniseisk, Russia. Iron. Medium octahedrite. Torn fragment, etched. Cat. No. 1147. Thin slab, etched. Cat. No. 1148.	22 5

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
572	Fell 1876 June 28 11:30 A. M.	Stålldalen, Sweden. Stone. Brecciated gray chondrite. Mass with crust and armored surfaces. Cat. No. 1658. Irregular mass, with crust and polished surface. Interior brownish-black. Compact, with nu- merous metallic grains. There seems to be reason to doubt whether this specimen is Stålldalen. Cat. No. 316. Fragment with crust. Cat. No. 315.	341 50 3
573	Fell 1808 May 22 6 A. M.	Stannern, Moravia, Austria. Stone. Eukrite. Mass with crust. Cat. No. 1363. Mass with crust. The fusible nature of the crust is well shown. Cat. No. 1362. Nearly complete individual. Shows both pri- mary and secondary crust. Cat. No. 1361.	400 272 75
574	Found 1858	Staunton, Augusta Co., Virginia. Iron. Medium octahedrite. End piece, etched. Cat. No. 1096. Full-sized, etched section. Shows crescent- shaped nodule of troilite. Cat. No. 78. Full-sized, etched section. Cat. No. 1095. Etched section. Cat. No. 79. Broad, etched section. Cat. No. 1094. Etched mass. Cat. No. 80.	1,644 1,595 1,260 665 600 100
575	Fell 1857 Mar. 24 5 P. M.	Stavropol, Caucasus, Russia. Stone. Crystalline chondrite. Three fragments from interior of dark color and with polished surfaces. The classification apparently should be black chondrite. Cat. No. 1883.	26
576	Found 1724 Found 1861	Steinbach, Saxony, Germany. Iron-stone. Siderophyr. Thin slab, polished. The stony portion exceeds the metallic. Cat. No. 164. Breitenbach. Thin, polished fragment. Resembles the Stein- bach specimen very closely. Cat. No. 169. Rittersgrün. Slab with crust, polished and etched. Cat. No. 1321. Fragment with polished surfaces. Cat. No. 1322.	33 1 150 45
577	Found 1890	Summit, Blount Co., Alabama. Iron. Granular hexahedrite. Etched section with crust. Cat. No. 1149.	39
578	Fell 1865 Jan. 19	Supuhee, Gorukhpur, India. Stone. Brecciated gray chondrite. Polished fragment with crust. Cat. No. 1880. Fragment with crust. Cat. No. 1881.	13 5

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
579	Found 1899	Surprise Springs , San Bernardino Co., California. Iron. Medium octahedrite. End piece, etched. Cat. No. 854.	1,008
580	Fell 1753 June 3 8 P. M.	Tabor , Bohemia, Austria. Stone. Brecciated spherulitic chondrite. Mass with crust. Cat. No. 1856. Full-sized section, polished. Metal abundant. Cat. No. 1857.	60 55
581	Fell 1877 Aug. 30 3 P. M.	Tabory , (Ochansk), Perm, Russia. Stone. Brecciated spherical chondrite. Mass with crust. Cat. No. 1443. Mass with crust. Cat. No. 1442. Mass from interior. Cat. No. 1441. Fragment from interior. An inclusion of nickel-iron shows approximations to crystal planes on its surface. Cat. No. 1440. Fragment with crust. Cat. No. 335.	8,845 2,400 1,958 93 23
582	Found 1891	Tajgha , Jeniseisk, Russia. Iron. Medium octahedrite. Etched fragment with crust. Cat. No. 1167. Thin slab, etched. Cat. No. 1168.	46 18
583	Found 1875	Taltal , Atacama, Chile. Stone. Much oxidized fragment. Said by Wülfing to be same as Vaca Muerta. Cat. No. 1879.	16
584	Found 1903	Tamarugal , (El Inca), Lagunas, Chile. Iron. Medium octahedrite. Square slab with crust, polished and etched surfaces. Cat. No. 819.	830
585	Found 1880	Tanogami , Omi, Japan. Iron. Medium octahedrite. Etched slab with crust. The figures are of a swollen character. Cat. No. 1150.	163
586	Found 1853	Tazewell , Claiborne Co., Tennessee. Iron. Finest octahedrite. Torn mass. Cat. No. 867. Slab with polished surfaces. Cat. No. 868.	197 82
587	Found 1784	Tennant's Iron . Mineral collection of Academy near Moscow, Russia. Iron. Coarse octahedrite. Etched slab with crust. Cat. No. 1166.	29
588	Fell 1872 June 28 Noon	Tennasilm , Ehstland, Russia. Stone. Veined spherulitic chondrite. Mass from interior. Cat. No. 1874.	63

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
589	Found 1909	Tepl, Bohemia. Iron. Medium octahedrite. Etched section with crust. Figures well-marked and there are numerous Reichenbach lamellae. Cat. No. 803.	45
590	Found 1891	Ternera, Atacama, Chile. Iron. Ataxite. Fragment. Cat. No. 1176.	1
591	Found 1886	Thunda, Queensland, Australia. Iron. Medium octahedrite. Thick slab with crust, dimly etched. Cat. No. 994. Etched section. Bands very long and straight. Cat. No. 993. Sawed slab, one surface etched. Figures distinct and regular. Cat. No. 128.	1,148 181 154
592	Found 1888	Thurlow, Hastings Co., Ontario, Canada. Iron. Fine octahedrite. End piece, etched. Cat. No. 870.	209
593	Fell 1878 July 15. 1:45 P. M.	Tieschitz, Moravia, Austria. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 1725. Mass with crust and polished surface. Cat. No. 1726.	28 27
594	Fell 1807 Mar. 25 3 P. M.	Timochin, Smolensk, Russia. Stone. Spherulitic chondrite. Mass with crust and polished surface. Cat. No. 1727. Mass from interior with sawed surfaces. Cat. No. 1728.	37 18
595	Fell 1869 Sept. 19 9 P. M.	Tjabe, Java. Stone. Crystalline chondrite. Mass with crust. Cat. No. 1704. Mass with crust and sawed surface. Cat. No. 1705.	47 23
596	Found 1903	Tlacotepec, Puebla, Mexico. Iron. Octahedrite(?) Full-sized, polished section. Cat. No. 1165.	138
597	Found 1810	Tocavita, U. S. of Columbia. Iron. Finest octahedrite. Fragment with crust and etched surfaces. The etching is typical of the finest octahedrites. Although the history of this iron is unknown according to Ward (Am. Jour. Sci., 1907, 4, 23, 1-8), its characters are so well marked that it seems desirable to include it in collections. Cat. No. 1155.	15

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
598	Found 1784	<p>Toluca, Mexico.</p> <p>Iron. Medium octahedrite. Complete individual of hemi-spheroidal form. Cat. No. 23.</p> <p>Complete individual of hemi-spheroidal form. Shows cleavage. Cat. No. 22.</p> <p>Complete individual of crescentic form. Contains considerable lawrencite. Cat. No. 27.</p> <p>Complete individual. Cat. No. 1202.</p> <p>Complete individual. Cat. No. 24.</p> <p>Nearly complete individual, with etched surface. 20x40 cm. Cat. No. 15.</p> <p>Nearly complete individual with etched surface, 18x40 cm. Cat. No. 1203.</p> <p>Complete individual. Cat. No. 1204.</p> <p>Nearly complete individual with etched surface, 13x20 cm. Cat. No. 16.</p> <p>Complete individual. Cat. No. 1207.</p> <p>Ten "hammer stones" from 1000 to 200 grams each in weight. Cat. Nos. 1212-1221.</p> <p>Etched section with abundant troilite. Cat. No. 1205.</p> <p>Complete individual. Cat. No. 1206.</p> <p>Full-sized, etched section, 17x17 cm. Cat. No. 370.</p> <p>Complete individual. Cat. No. 18.</p> <p>Complete individual of pyramidal form. Cat. No. 372.</p> <p>Etched section, 21x38 cm. Cat. No. 26.</p> <p>Series of nine specimens showing effect of heat and forging on specimens of the meteorite. Cat. Nos. 1224-32.</p> <p>Mass showing cleavage. Cat. No. 17.</p> <p>Etched section, 18x22 cm. Cat. No. 25.</p> <p>Complete individual. Cat. No. 20.</p> <p>Cube, 6 cm. on a side, etched. Cat. No. 1209.</p> <p>Complete individual. Cat. No. 21.</p> <p>End piece, etched. The figures are curved. Cat. No. 1210.</p> <p>Full-sized section, 10x21 cm. etched. Cat. No. 371.</p> <p>Complete individual of spheroidal form with one etched face. Cat. No. 12.</p> <p>End piece, etched. Cat. No. 1211.</p> <p>Complete individual of spheroidal form. Cat. No. 7.</p> <p>Complete individual of spheroidal form. Cat. No. 9.</p> <p>Broad, thin, etched section. Cat. No. 1222.</p> <p>Complete individual. Shows use as a hammer. Cat. No. 10.</p> <p>Complete individual of spheroidal form. Cat. No. 11.</p> <p>Complete individual. Cat. No. 14.</p> <p>Complete individual showing cleavage. Cat. No. 13.</p> <p>Etched section. Cat. No. 1223.</p> <p>Complete individual of irregular form. Cat. No. 8.</p>	<p>46,040</p> <p>28,038</p> <p>19,954</p> <p>19,277</p> <p>18,025</p> <p>16,665</p> <p>16,213</p> <p>8,607</p> <p>6,166</p> <p>5,902</p> <p>5,339</p> <p>4,813</p> <p>4,611</p> <p>4,535</p> <p>3,000</p> <p>2,506</p> <p>2,423</p> <p>2,265</p> <p>1,997</p> <p>1,900</p> <p>1,880</p> <p>1,359</p> <p>1,107</p> <p>900</p> <p>823</p> <p>816</p> <p>620</p> <p>464</p> <p>263</p> <p>260</p> <p>251</p> <p>227</p> <p>225</p> <p>112</p> <p>90</p> <p>99</p>

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
599	Fell 1879 Sept. 17	Tomatlan , Jalisco, Mexico. Stone. Spherulitic chondrite. Fragments with crust. Cat. No. 1703.	8
600	Found 1859	Tombigbee River , Choctaw Co., Alabama. Iron. Granular hexahedrite. Etched section, 10x14 cm. Hieroglyphic schreibersite is present. Cat. No. 504. Full-sized, etched section. Cat. No. 1180.	1,690 506
601	Found 1863	Tomhannock Creek , Rensselaer Co., New York. Stone. Brecciated gray chondrite. Polished section. Metal abundant. Crust does not differ in color from interior. Darker and more compact than Homestead. Cat. No. 1760. Slice showing crust. Cat. No. 281. Polished fragment from interior. Cat. No. 280.	19 7 1
602	Found 1886	Tonganoxie , Leavenworth Co., Kansas. Iron. Medium octahedrite. End piece, etched. Cat. No. 988. Full-sized, etched section. Cat. No. 989. Full-sized, etched section 8x12 cm., with crust. Cat. No. 477. Etched section with crust. Cat. No. 832.	353 347 264 32
603	Found 1891	Toubil , Jeniseisk, Russia. Iron. Medium octahedrite. Segment with crust and three etched faces. Bands narrow and straight. Cat. No. 1143.	327
604	Fell 1812 April 12 1:30 P. M.	Toulouse , Haute Garonne, France. Stone. Veined intermediate chondrite. Complete individual. Interior brownish from oxidation. Cat. No. 1869. Fragment from interior. Cat. No. 1870.	14 12
605	Fell 1863 Dec. 7 11 A. M.	Tourinnes-la-Grosse , Belgium. Stone. White chondrite. Fragment with crust. Cat. No. 1796. Interior fragment. Cat. No. 1797. Interior fragment. Cat. No. 486.	11 9 3
606	Found 1890	Travis County , Texas. Stone. Black chondrite. Fragment from interior. Cat. No. 1714.	7
607	Found 1858	Trenton , Washington Co., Wisconsin. Iron. Medium octahedrite. End piece, etched. Cat. No. 1038. Full-sized section, etched. Cat. No. 1037. Thin section, etched. Cat. No. 81. Etched slab. Cat. No. 1036.	3,232 142 137 51

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
608	Fell 1856 Nov. 2 4 P. M.	Trenzano, Brescia, Italy. Stone. Veined spherical chondrite. Cubical fragment, with crust on two surfaces. Cat. No. 268. Fragment with crust. Cat. No. 1871. Fragment with crust. Cat. No. 325.	57 31 2
609	Recognized 1851	Tucson, Pima Co., Arizona. Iron. Ataxite. Etched fragment showing typical stippled appearance of this iron. Cat. No. 59. Ainsa-Signet. Full-sized, polished section. Cat. No. 858.	12 415
610	Found 1846	Tula, (Netschaevo), Russia. Iron. Brecciated octahedrite. Mass with crust and etched surfaces. Cat. No. 1152. Thin slab, etched. Cat. No. 1153. Thin slab from siliceous portion. Polished surface. Cat. No. 1154.	135 30 15
611	Fell 1884 May 20 8:30 P. M.	Tysnes, Tysnes Island, Norway. Stone. Brecciated intermediate chondrite. Mass with crust and armored surface. Cat. No. 1719. Fragment from interior. Texture compact and firm. There are also angular inclusions of a lighter color. Cat. No. 543.	428 28
612	Fell 1840 June 12 10:30 P. M.	Uden, North Brabant, Holland. Stone. White chondrite. Fragment with crust. Cat. No. 1715.	3
613	Fell 1866 April	Udipi, Malabar Coast, India. Stone. Veined gray chondrite. Fragment with crust and polished surface. Cat. No. 1701. Fragment from interior with polished surface. Cat. No. 1702.	16 8
614	Fell 1822	Umballa, Punjaub, India. Stone. Veined gray chondrite. Polished fragments with crust. Cat. No. 1717. Fragment from interior. Cat. No. 1718.	5 4
615	Found 1853	Union County, Georgia. Iron. Coarsest octahedrite. Cuboidal mass with crust and etched surfaces. No lamellae are visible. Cat. No. 1188.	67

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
616	Found 1894	Ute Pass, Summit Co., Colorado. Iron. Coarsest octahedrite. Slab 7x4 cm. with thick, oxidized crust on one side and etched surface on the other. There is no distinctive etching pattern visible to the naked eye, but with a lens a few taenite ribbons can be discerned at intervals. The history of this meteorite is unknown to the writer. Ward states in his 1904 catalogue that this specimen is "the largest in any collection." In his 1901 catalogue what is undoubtedly the same specimen is listed as "Mount Ouray, Chaffee Co., Colorado." Cat. No. 1112.	120
617	Fell 1843 June 2 8 P. M.	Utrecht, Holland. Stone. Veined spherulitic chondrite. Mass with crust. Cat. No. 1700. Mass with crust. Cat. No. 581.	109 50
618	Found 1908	Uwet, Southern Nigeria, Africa. Iron. Hexahedrite. Etched slab. Cat. No. 778.	372
619	Recognized 1861	Vaca Muerta, (Sierra de Chaco), Chile. Iron-stone. Mesosiderite. Full-sized section, polished. Metal abundant. Cat. No. 1284. Individual with polished surface. Cat. No. 1286. Fragment with crust. Cat. No. 170. Fragment with crust. Cat. No. 171.	170 68 17 14
620	Fell 1876 June 19	Vavilovka, Cherson, Russia. Stone. Rodite. Mass with crust. Cat. No. 1659. Two fragments with crust. Cat. No. 1660.	126 23
621	Fell 1880 May 1-15	Veramin, Teheran, Persia. Iron-stone. Mesosiderite. Mass with crust and polished surface. Cat. No. 1269. Two fragments with polished surfaces. Cat. No. 1268. Fragment from interior. Cat. No. 495.	813 23 8
622	Fell 1865 Mar. 26 9 A. M.	Vernon County, Wisconsin. Stone. Veined crystalline chondrite. Mass from interior with polished surface. Cat. No. 1706.	22
623	Found 1862	Victoria West, Cape Colony, Africa. Iron. Fine octahedrite. Etched slab with crust. Cat. No. 871.	17
624	Fell 1910 Jan. 22 10:30 A. M.	Vigarano, Italy. Stone. Black chondrite. Mass with crust. Cat. No. 782.	116

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
625	Fell 1874 May 20	Virba, Bulgaria. Stone. Veined white chondrite. Fragment with crust. Cat. No. 1716.	2
626	Fell 1831 May 13 11 P. M.	Vouillé, Vienne, France. Stone. Veined intermediate chondrite. Mass with crust and polished surface. Cat. No. 1663. Mass from interior. Polished. Cat. No. 1662.	453 210
627	Found 1874	Waconda, Mitchell Co., Kansas. Stone. Brecciated spherical chondrite. Mass from interior. Color varies in different por- tions. Cat. No. 309. Mass with crust. Cat. No. 1731. Sawed mass with crust. Cat. No. 1730. Mass with crust. Veined. Cat. No. 310. Weathered fragment. Cat. No. 311.	2,835 870 228 125 5
628	Fell 1864 Dec. 4	Wairarapa, Wellington, New Zealand. Stone. Crystalline chondrite. Mass with crust and polished surface. Color reddish-brown from oxidation. The crust surface is smooth as if from terrestrial erosion. Cat. No. 1882.	195
629	Found 1832	Walker County, Alabama. Iron. Hexahedrite. Etched section with crust. Cat. No. 914. Section with crust. Cat. No. 434.	40 32
630	Found 1887	Wallen's Ridge, (Waldron Ridge), Claiborne Co., Tennessee. Iron. Coarse octahedrite. End piece, etched. Cat. No. 1134.	427
631	Fell 1877 Jan. 3 7:15 A. M.	Warrenton, Warren Co., Missouri. Stone. Oransite. Mass with crust. Cat. No. 1720.	117
632	Found 1898	Weaver, Maricopa Co., Arizona. Iron. Ataxite. Full-sized section, etched. Cat. No. 1158. Etched crust segment. Cat. No. 615.	394 372
633	Found 1888	Welland, Ontario, Canada. Iron. Medium octahedrite. Segment, 11.5x7.5 cm., showing etched and natural surfaces. A marked tendency to octahedral cleavage is apparent. Cat. No. 132. Thin slab, etched. Cat. No. 990. Full-sized, etched section. Cat. No. 991.	715 200 162

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
634	Found 1876	Werchne Dnieprowsk, Ekaterinoslav, Russia. Iron. Finest octahedrite. Etched slab with crust. Contains nodule of troilite 2.5 cm. in diameter. The lamellae are too coarse for the classification and the iron does not show the tendency to rust said to be characteristic of this fall. Cat. No. 862.	99
635	Fell 1843 Nov. 12	Werchne Tschirskaja, Russia. Stone. Veined spherulitic chondrite. Two fragments of about equal size, each with crust. One shows armored surface. Cat. No. 1873.	14
636	Found 1854	Werchne Udinsk, Transbaikalin, Siberia. Iron. Medium octahedrite. Cuboidal, etched mass with crust. Cat. No. 1138. Etched slab with crust. Cat. No. 1139.	219 75
637	Fell 1831 Sept. 9 3:30 P. M.	Wessely, Moravia, Austria. Stone. Veined gray chondrite. Fragment with crust and polished surface. Cat. No. 1875.	4
638	Fell 1807 Dec. 14 6:30 A. M.	Weston, Fairfield Co., Connecticut. Stone. Brecciated spherical chondrite. Slab with crust and polished surfaces. Cat. No. 1836. Mass with crust and two sawed surfaces. Yellow and gray portions contrast strongly in color. Cat. No. 1835.	79 65
639	Found 1877	Whitfield County, Georgia. Iron. Medium octahedrite. Full-sized, etched section. It exhibits numerous parallel veins of schreibersite. Cat. No. 1119.	125
640	Known 1836	Wichita County, Texas. Iron. Coarse octahedrite. Full-sized, etched section. Troilite and cohenite are prominent. Cat. No. 886. Full-sized, etched section, 18x27 cm. Cat. No. 41. Thin section, etched. Cat. No. 885.	2,466 1,396 115
641	Found 1902	Williamette, Clackamas Co., Oregon. Iron. Medium octahedrite. Full-sized, etched section. Contains circular troilite nodule 2.5 cm. in diameter. Cat. No. 592. Mass with crust and broken surface. Cat. No. 1195.	1,494 923

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
642	Found 1892	Williamstown, Grant Co., Kentucky. Iron. Medium octahedrite. Long, narrow end piece, etched. Cat. No. 1185. Full-sized, etched section. Cat. No. 766.	975 910
643	Fell 1785 Feb. 19 12:15 P. M.	Witmess, Bavaria, Austria. Stone. Spherical chondrite. Fragment with crust. Cat. No. 1876.	13
644	Fell 1795 Dec. 13 3:30 P. M.	Wold Cottage, Yorkshire, England. Stone. Veined white chondrite. Fragment from interior with three polished surfaces. Shows veining. Cat. No. 1833. Fragment from interior. Cat. No. 1834. Polished chips. Cat. No. 215.	10 3 2
645	Recognized 1858	Wooster, Wayne Co., Ohio. Iron. Medium octahedrite. Two etched fragments. Cat. No. 1193. One etched fragment. Cat. No. 494.	10 2
646	Described 1825	Yanhuitlan, Oaxaca, Mexico. Iron. Fine octahedrite. End piece, etched. Surface 21x27 cm. No figures are discernible. This slab is evidently from the same individual as the following one, and also bears the name "Misteca." The crust surface is smooth and bright. Cat. No. 963. Full-sized, etched section, 23x29 cm. Figures of a fine octahedrite are dimly outlined in one corner; the remainder appears like an ataxite. Although the slab bears the word "Misteca" etched upon it, the figures class it with Yanhuitlan. Cat. No. 962. Etched slab. Cat. No. 831.	9,739 7,361 305
647	Found 1875	Yardea Station, South Australia. Iron. Medium octahedrite. End piece, etched. The bands are broad and swollen. Cat. No. 935.	73
648	Fell 1852 Jan. 23 4:30 P. M.	Yatoor, Madras, India. Stone. Spherulitic chondrite. Mass with crust and polished surfaces. Structure coarse. Metal abundant. Cat. No. 1877.	27
649	Fell 1877 June 17 4:30 A. M.	Yodze, Kovno, Russia. Stone. Brecciated howardite. Mass with crust. The black, glassy crust and brecciated interior are striking characters. Cat. No. 1371.	48

No.	Date of Fall or Find.	NAME AND DESCRIPTION.	Weight in grams.
650	Found 1869	Yorktown, Westchester Co., New York. Stone. This meteorite is generally referred to Tomhannock, but the localities are nearly 100 miles apart and specimens of the two meteorites do not look alike. While nothing seems to be known of the history of Yorktown, there seems to be no good reason for referring it to Tomhannock. Three polished fragments with crust. Cat. No. 1763.	3
651	Found 1884	Youndegin, (Penkarring Rock), West Australia. Iron. Coarse octahedrite. Nearly complete individual. Cat. No. 878. Full-sized, etched section, 18x44 cm. Cat. No. 877. Full-sized, elongated section, 10x27 cm. etched. Cat. No. 118. Full-sized, etched section. Cat. No. 876.	141,069 4,308 1,087 566
652	Fell 1818 April 10	Zaborzika, Volhynia, Russia. Stone. Veined intermediate chondrite. Mass with crust. Cat. No. 1709.	50
653	Fell 1893 Sept. 22	Zabrodje, Wilna, Russia. Stone. Veined intermediate chondrite. Fragment from interior. One polished surface. Cat. No. 1707.	4
654	Found 1792 Iron.	Zacatecas, Mexico. Brecciated octahedrite. Mass with three etched surfaces. Cat. No. 894. Etched mass with crust. Cat. No. 895. Etched fragment. Cat. No. 28.	1,246 94 5
655	Fell 1897 Aug. 1 10:30 A. M.	Zavid, Bosnia, Austria. Stone. Brecciated gray chondrite. Mass with crust and armored surface. Cat. No. 1860. Mass with crust. Cat. No. 1861. Mass from interior. Has broad, armored surface. Cat. No. 1862.	384 293 142
656	Fell 1824 Oct. 14 8 A. M.	Zebrak, Bohemia, Austria. Stone. Spherulitic chondrite. Mass with crust. Cat. No. 1708.	14
657	Fell 1875 Mar. 31 3-4 P. M.	Zsadany, Hungary. Stone. Spherical chondrite. Nearly complete individual, one surface polished. Cat. No. 1878.	14

CASTS OF METEORITES

About 100 casts or models of meteorites, illustrating the size, form and superficial appearance of the original masses form a part of the collection.

The following is a list:

Name	Cat. No.	Weight of Original
Adargas (Concepcion)	425	3,325 kgs.
Akburpur	386	2 "
Algoma (2)	530, 1924	4 "
Babb's Mill	383	140 "
Ballinoo	1923	43 "
Barranca Blanca	466	12 "
Bath Furnace No. 1	602	80 "
" " " 2	566	6 "
" " " 3	591	223 gms.
Bella Roca	380	33 kgs.
Bluff	421	146 "
Boogaldi	600, 1925	2 "
Braunau No. 1	388	17 "
" " " 2	381	23 "
Brenham (2)	418, 1937	... "
Bustee	387	1 "
Butsura	398	22 "
"	398a	5 "
"	398b	151 gms.
"	398c	9 kgs.
"	398d	4 "
Cabin Creek	411	47 "
Charlotte	470	3 "
Chilcat	1926	42 "
Chupaderos	422	14, 114 "
"	423	6,767 "
Cleveland	410	115 "
Costilla Peak	1927	35 "
Crab Orchard	412	38 "
"	413	2 "
"	414	1 "
Cronstadt	471	1 "
De Cewsville	479	340 gms.
Descubridora (2)	426	575 kgs.
Durala	382	12 "
Farmington	419	80 "
Glorieta	408	148 "
Goalpara (3)	402, 1938	2 "
Gross-Divina	385	10 "
Hex River	406	45 "
Homestead	404	... "
Iron Creek	763	175 "
Jelica	476	... "
Jhung	472	3 "
Joe Wright	407	42 "
Juncal	400	104 "

Name	Cat. No.	Weight of Original
Karakol	1939	3 kgs.
Kenton County	417	163 "
Khiragurh (2)	395, 1940	...
Kingston	799	4 "
Kokstad	429	42 "
Kråhenberg	403	16 "
Leighton	1974	1 "
Luis Lopez	1928	7 "
McKinney	1941	100 "
Merceditas	399	43 "
Misshof	1942	6 "
Morito (San Gregorio)	424	11,000 "
Mungindi	1929	28 "
Nagy-Divina	1943	10 "
Nedagolla	473	4 "
Nejed	468	59 "
New Concord	369, 1944	...
N'Goureyrna	1922	37 "
Nocoleche	1830	20 "
Obernkirchen	474	41 "
Parnallee	393	58 "
Plymouth	1931	14 "
Puquios	409	6 "
Rancho de la Pila	420	46 "
Rodeo	594	44 "
Roebourne	1932	87 "
Rosario	1933	3 "
Rowton	475	3 "
Saline	525	31 "
Sarepta	391	14 "
Scottsville	401	10 "
Segowlie (5)	390	...
Shelburne	608	6 "
"	609	12 "
Staunton	394	...
Steinbach	397, 1936	...
Supuhee	467	...
Surprise Springs	1934	1 "
Ternera	377	650 gms.
Thurlow	1935	5 kgs.
Welland	416	8 "
Werchne Udinsk	392	18 "
Wichita County	384	145 "
Yanhuitlan	428	421 "
Yatoor	389	13 "
Zacatecas	427	780 "



BARRATTA, AUSTRALIA. STONE METEORITE. NEARLY COMPLETE INDIVIDUAL. THE FACE UPON WHICH THE MASS IS RESTING IS AN ARTIFICIAL ONE; THE OTHER SURFACES ARE NATURAL. THE FRONT SIDE OF THE MASS IS SHOWN. WEIGHT OF MASS 72 KGS. (158 LBS.). THIS IS THE LARGEST INDIVIDUAL OF THE FALL. MUSEUM NO. ME 1456. X $\frac{1}{4}$.

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BARRATTA, AUSTRALIA. THE INDIVIDUAL SHOWN IN THE PREVIOUS PLATE (PLATE LX) IS HERE SHOWN TURNED ABOUT 90° TOWARD THE REAR SIDE. THE CONTRAST IN THE PITTINGS OF THE FRONT AND REAR SURFACES IS THUS BROUGHT OUT; ALSO THE ELONGATED FORM OF THE INDIVIDUAL. X $\frac{1}{4}$.

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BLANKET, TEXAS, FELL MAY 30, 1909, STONE METEORITES, COMPLETE INDIVIDUALS. WEIGHT 1.6 AND 1.5 KGS. (3.5 AND 3.3 LBS.).
MUSEUM NOS. ME 1964, 1965. X $\frac{3}{5}$. GIFT OF STANLEY FIELD AND ARTHUR B. JONES.

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MCKINNEY, TEXAS. STONE METEORITE. COMPLETE INDIVIDUAL. WEIGHT 52 KGS. (114 LBS.). MUSEUM NO. ME 1438. THE CONCAVE SURFACES ARE A PECULIAR FEATURE. X $\frac{1}{4}$.

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Fig. 1

BLUFF, TEXAS. STONE METEORITE. COMPLETE INDIVIDUAL. WEIGHT 8.6 KGS. (19 LBS.). MUSEUM NO. ME 1461. X $\frac{1}{2}$.



Fig. 2

PLAINVIEW, TEXAS. STONE METEORITE. COMPLETE INDIVIDUAL. WEIGHT. 2 KGS. (4.4 LBS.). MUSEUM NO. ME 1968. X $\frac{3}{5}$.

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