

Introduction

This catalogue documents the 1081 samples of 469 meteorite falls, representing 135.66 kg of extraterrestrial material, kept at the Vatican Observatory headquarters in the Papal Palace at Castel Gandolfo, south of Rome, Italy. It has been prepared on the occasion of the 64th annual meeting of the Meteoritical Society, sponsored by the Vatican Observatory and held at the Pontifical Gregorian University in Rome in September, 2001. Our goal is to publicize the extensive Vatican collection, both to honor its primary donor, the Marquis de Mauroy, and to encourage its wider use as a resource available to scientists throughout the world.

A History of the Vatican Meteorite Collection: Adrien-Charles, Marquis de Mauroy (1848-1927) was a distinguished agronomist and “gentleman-scientist” of the old French nobility, a life member of the Société Française de Minéralogie who served three terms as its vice president. His collection of minerals was famous throughout Europe, and his meteorite collection was said to have been the second largest private collection in the world. He was a great supporter of schools and scientific institutions; for instance, Czar Nicholas II awarded him the insignia of a Commander of St. Stanislas for his donation of meteorites to the Institute of Mines in Russia.

A great friend of the Church, the Marquis hoped to found a Museum of Natural History at the Vatican. To that end, he first proposed in 1896 to donate a collection of 1800 rocks and minerals, and a library of some 400 books and monographs about them, to the Vatican. At that time, however, the Observatory (where they were to be housed) had only recently been refounded by Pope Leo XIII and was located in cramped quarters, primarily the Tower of the Winds; the Marquis was thus asked to postpone his donation.

(The Tower of the Winds, built in 1580 atop what is now the Vatican Library, is famous as the site of one of Ignazio Danti’s *meridians*: a hole in the southern wall allows a spot of sunlight to fall on the floor, where meridian and other lines are scribed, so that by the position of the spot at midday the passage of the year’s seasons can be traced. This meridian helped to demonstrate to visiting dignitaries the wisdom of Pope Gregory XIII’s 1582 calendar reform.)

In 1905, a subset of the de Mauroy meteorite collection (about 150 pieces, mostly duplicates and smaller samples) was donated by the Marquis, and housed in a small summer villa near a wall dating from AD 800. (This location now houses the technical direction of Vatican Radio.) But his dream of a natural history museum never materialized. When the Specola moved from Rome to Castel Gandolfo in 1935, his widow Marie Caroline Eugénie donated the remainder of his collection. In 1973, the terrestrial minerals were given in permanent loan to the Geochemical Institute of the University of Vienna.

In addition to the Marquis’s collection, the Specola early on had two other important meteorite donations. As



Adrien-Charles, Marquis de Mauroy, and his wife Marie

described in the appendix, an iron meteorite first identified as *Angra dos Reis* (iron) but now known to be the main mass of *Pirapora* was donated to Pope Leo XIII and was transferred to the Specola Vaticana in 1917. And in 1912, John Ball, the acting head of the Geological Society of Egypt, kindly sent a 154g piece of the newly fallen meteorite *Nakhla*. Little did he know that by the 1980s this meteorite would become one of the most scientifically exciting falls in our collections, representing one of only a handful of meteorites identified as pieces of the surface of Mars, and possibly harboring evidence of past life on that planet!

Speaking of the controversial evidence for life raises, of course, the more general issue of terrestrial contamination. Since the 1986 inventory, samples have been kept in low-chlorine plastic bags; before then, they were housed for many years in a glass and wood case. It is important for anyone using these samples, however, to recall that most of them were at one time in the private collection of a mineral enthusiast of the 19th century. The collection thus contains a large variety of stones found in the 1800s by farmers; gathered and sold by dealers; and admired by fellow amateur collectors. For the most part, these samples have been very thoroughly handled. Though they have been kept under reasonably good conditions for more than 100 years, still one cannot expect them to be in the same pristine condition as, say, a meteorite newly recovered, or collected in Antarctica.

Cataloguing the Collection: Three previous catalogues of the Vatican collection have been published. The first, *Catalogue de la Collection de Météorites de L’Observatoire du Vatican*, by Adrien-Charles, the Marquis de Mauroy, was prepared in 1912 and published in 1913 (in French, with an introduction in Italian by the then vice-director of the Specola, P. G. Lais [1845-1921]). At that time the collection consisted primarily of those samples donated to the Vatican by the Marquis from his private collection. Each sample was assigned a number (156 in total) and its mass was given, along with various data about the sample’s type and the details of its discovery (fall/find, location, date).

The second catalogue, *The Vatican Collection of Meteorites* by the Austrian Jesuit E. W. Salpeter SJ (1912-1976), was published in 1957. By then, the remainder of the Marquis’s collection had been donated, and the Vatican collection consisted of 430 falls with a total mass of

127kg. This catalogue contains a brief but informative historical introduction and discusses the history of *Angrados Reis* (iron) and *Medanitos*, but suffers from the oddity that multiple pieces are not listed individually. Instead, it only provides the total mass of sample present, the number of pieces, and the mass of the largest piece. Thus it is sometimes difficult to tell what pieces were present at that time, compared to the present day collection.

In 1982, Rosamaria Salvatori, Adriana Maras, and Elbert A. King approached the Specola with the idea of producing a new catalogue. In a recent letter to the author, Maras relates: *I showed Elbert the photos of meteorites that I made during the compilation of the catalogue of meteorites of the Museum of Mineralogy of the University [of Rome] in order to make the recognition of samples easier; on my table, among catalogues of Millosevich, Gallitelli and Hey, was also Salpeter's catalogue. We agreed that this important collection without a curator could benefit from an analogue photo-inventory and we decided to propose it to the Specola. I contacted Fr. [Edmund] Benedetti, and Elbert, through Marcello Fulchignoni, Fr. [George] Coyne [director of the Specola Vaticana] and having received a positive response we began to work.*

During June and July 1983 every morning I drove Elbert and Rosamaria from the University to the Specola and when we arrived the Swiss Guards used to joke about the driver: I was driving a van for the first time and parking in Castel Gandolfo was a problem for me.

No reimbursement for this work, it was an honour and a pleasure...

We decided to publish the inventory in Meteoritics leaving the catalogue to the future. We were to have met in Castel Gandolfo, but in 1985 I became associate professor of mineralogy, with new engagements and too little time, and unfortunately I lost touch with Elbert.

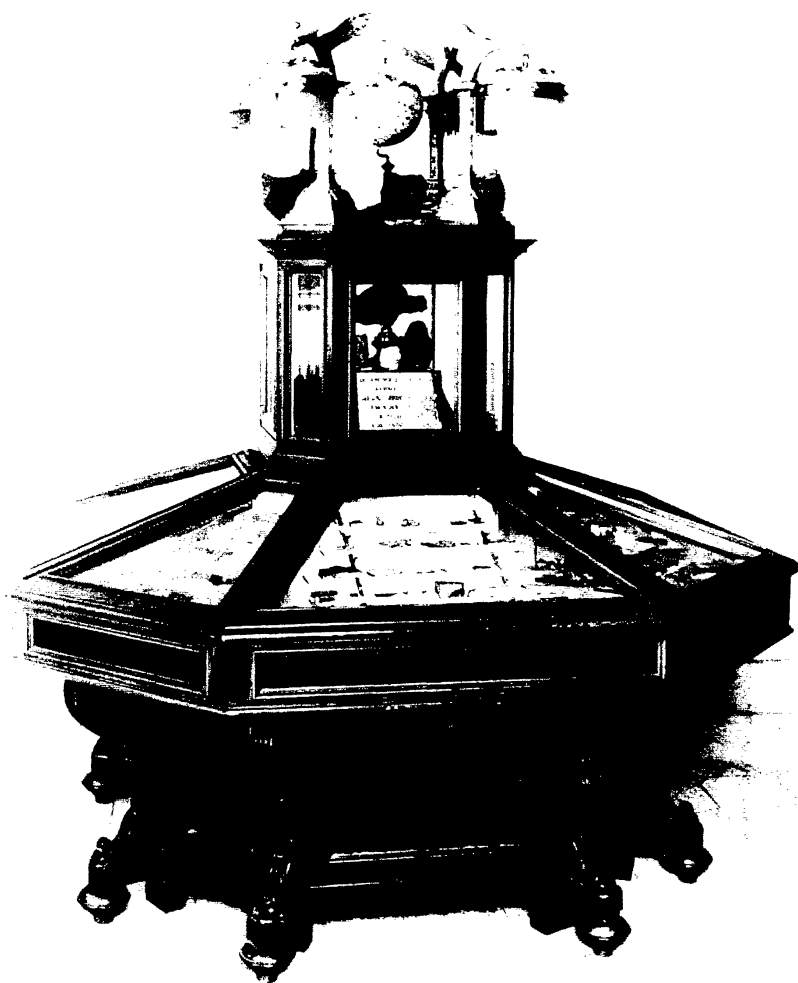
The work proceeded in 1983, a preliminary version was published in 1984 in *Meteoritics* 19, 161-172, and a final booklet, *Catalog of the Vatican Meteorite Collection*, was published in 1986. It listed every specimen by mass, described many of them, and represented a monumental amount of hard work involved in restoring order to a collection that had suffered great neglect after the death of Father Salpeter.

One other catalogue should be mentioned. In 1909, the Marquis

de Mauroy published a catalogue of his own collection, *Catalogue de la Collection Spéciale de Météorites*. As that collection is essentially what was donated to the Vatican Observatory in 1935, this catalogue represents a record of a major part of our collection as it stood at that time.

About this catalogue: This new catalogue is designed primarily to provide the kind of information that would be of most use to anyone looking to borrow samples for research. There are descriptions (some admittedly quite terse) of every sample listed, and (what is more unusual for a catalog of this size) we have included all the details known about the history of each sample.

This history information is critical for anyone attempting to make scientific use of the collection. For instance, the history of a particular sample is important to establish its provenance, so that once can be secure that the sample labelled "Ausson" really is a piece of that meteorite. If there is any doubt about the authenticity or identification of a piece, it is clearly important not to hide that fact. It is also important to know the history of a piece when choosing which sample would be most appropriate for a given type of experiment. Knowing what sort of experiments have been done on a sample in the past can



The meteorites were originally housed in this unusual octagonal cabinet

help indicate what sort of contamination the sample may have already experienced.

The primary source of our information is, of course, the 1986 catalogue of Salvatori, Maras, and King. They in turn based much of their information on the small handwritten tags that accompany most of the samples; from the language and handwriting, one can infer that these tags were prepared by the Marquis himself and probably date from the 19th century. (These tags, of considerable historical interest but unfortunately written on acidic paper, are now stored separately from the meteorites themselves.)

But the 1986 catalogue was printed from merely a set of typescript pages. Within a few years of its preparation (indeed, by the time of its publication), the personal computer revolution would completely change how databases could be maintained, and how camera-ready copy for such booklets could be produced. With that in mind, one should forgive the inevitable typographical errors present in the 1986 catalogue; and be less forgiving of such errors here!

When the mistakes in the 1986 catalogue are typos or errors of fact, such as masses or dates, we note the correction here. Other changes from the 1986 book, such as subsequent revisions in the scientific classification of a meteorite or the renaming of geographical locations—a major consideration following the political upheavals of the 1990s—are reflected in this new catalogue but are not otherwise noted. Every catalogue is a historical document, a snapshot in time, reflecting at best the scientific knowledge of its time, and should be respected as such.

Both the *MetBase* computerized catalogue of Jörn Koblitz and Monica Grady's *Catalog of Meteorites* (2000) from the Natural History Museum (London) have been invaluable tools in the preparation of our own database and this catalogue. We have chosen to use the Grady catalogue as the ultimate authority when there is a conflict between these and other sources for any detail about the naming or history of these meteorites, unless (as noted) we have more recent information.

However, one particular place where this catalogue sometimes differs from the Grady catalogue is in the designation of certain meteorites, now paired and almost certainly members of the same fall, under a common name. In most cases (for instance, *Coahuila* and *Vaca Muerta*) we now follow the Grady catalog, and so a number of samples formerly classified under a variety of different names are now gathered together under one name. When previous Vatican catalogues listed names that are no longer used, we cross-reference those names in this catalogue; under the currently used name, we note the former names with an "a.k.a." ("also known as") reference, and for each sample give its original designation.

However, when the dates of find of the variously named pieces differ by many years, we are more likely to keep them listed under their separate names. For instance, our samples of *Central Missouri* have a label from Ward Scientific listing the find year as 1855, in agreement with Farrington (*Mem. NAS XIII*, 1915, which quotes a letter noting its find "in the mid fifties"), and this is the date de Mauroy used in his 1913 catalogue. (Other old labels give an 1885 year of find.) A sample of this meteorite was donated to the Vatican in 1905. To collect and rename these samples as *Ainsworth* (with which they are now paired) could lead to some confusion, since the pieces first called *Ainsworth* were not even discovered until 1907, the find date assigned in the Grady catalogue.

When the Grady catalogue collects meteorites under a common name but we do not, we note under each name that the meteorite is "paired with" the other associated names. Other than names used in previous catalogues (including misprints), we do not attempt to list any other pseudonyms.

Along with the mass, description, and history, a sample number is also assigned to every sample. These numbers do not correspond to those originally assigned by de Mauroy in 1913, but rather date from the inventory made by the present author in 1993. The samples were originally ordered alphabetically, and by decreasing mass within a fall. Additions or changes since then are subsequently assigned new numbers as the changes are made. When a piece is broken up or traded, its number is retired.

Speaking of trades, it is worth noting that the present curator is *not* particularly interested in pursuing an aggressive policy of trading or expanding the collection. I have no budget for buying new samples, and curation represents only a small part of my tasks at the observatory so I do not have the time or energy to actively engage myself in the business of bargaining with meteorite collectors. In addition, I am very leery of dealers who would trade on the name of the Vatican to further their own reputations.

However, as can be seen here, I do have dealings with other academic institutions, and with personal friends who have helped out the Specola from time to time. I would especially like to thank here those friends of the Specola.

Virtually every sample in this collection is either a donation, or a trade for some other sample that had been donated. These meteorites represent the collected efforts of many expert amateurs and professionals, who for more than 100 years donated not only their samples but also their time and enthusiasm to produce a collection that can allow us to see deeper into the mysteries of creation.

In so doing, may we come to know more deeply the Heart of the Creator.

—Brother Guy Consolmagno SJ
Castel Gandolfo, 31 May, 2001

Abee

Alberta, Canada

Fell 1952 June 10

Stone **EH4**

66.7g Slab with broken corner • 1999 density measured with beads • 1999 Obtained in trade from Monnig Collection #1129

0.7g Small slab • 2000 made during sectioning #1177

Thin Section • 2000 made at British NHM #1173

Grady catalog incorrectly gives year of fall as 1953

Admire

Lyon County, Kansas, USA

Found 1881

Stony-iron **Pallasite**

73g Many small fragments sum to this total mass now • 1986 listed as 4 pieces, largest 20g • 1957 listed as 5 pieces totaling 93g, largest 28g • 1909 catalogued in de Mauroy collection as a single piece, 89g #1

2g Oxidized powder in vial • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #2

Agen

Lot-et-Garonne, France

Fell 1814 September 5

Stone **H5***see note in appendix*

685.3g Fragment with 40% fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #3

529.5g Fragment with 50% fusion crust • 1997 Nov-1998 Jan. On display, Roma • 1996 Helium and bead density measures • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as 532g #4

36.5g Fragment with 20% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. #6

9.18g Fragments in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued #8

Ahumada

Chihuahua, Mexico

Found, 1909

Stony-iron **Pallasite**

63g Nearly rectangular slab with two original surfaces • 1986 catalogued • 1957 catalogued as 107g #9

Ainsworth

Brown County, Nebraska, USA

Found, 1907

Iron **IIAB***paired w/ Central Missouri, Ponca Creek*

100g Polished slice • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #10

Alais

Gard, France

Fell, 1806 March 15

Stone **CI1**

1.4g Individual fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 2.35g? #12

1.15g Fragments in a vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments, 1.4g? #13

0.6g Small fragments, almost a dust, in a vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #14

0.6g Dust and tiny fragments in a bottle • 1986 catalogued with #14 • 1957 catalogued #1159

0.14g Tiny fragments in a bottle • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #15

Aleppo

Syria

Fell, 1873

Stone **L6**

0.58g Fragment of fusion crust, tiny amount of meteorite as well, in vial labeled "Alep" • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Alep* #16

Alfianello

Brescia, Lombardy, Italy

Fell, 1883 February 16

Stone **L6**

2740g Large irregular fragment, somewhat weathered • 1986 catalogued • 1957 catalogued as 2730g • 1909 catalogued in de Mauroy collection as 2730g #17

616.6g Stone fragment with 30% fusion crust • 1992 loaned to Bonino, U. Torino for cosmogenic radionuclide studies • 1986 catalogued as 625g • 1957 cat. • 1909 catalogued in de Mauroy collection as 633g #18

151.5g Irregular fragment, no fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #19

66g Fragment with fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #20

3.5g Two fragments in a vial • 1986 cat. • 1965 loaned to Duchesne; 1967 returned • 1957 catalogued #22

2.6g Irregular fragment in a vial • 1986 cat. • 1957 catalogued? • 1909 cat. in de Mauroy collection #23

Allegan

Allegan County, Michigan, USA

Fell, 1899 July 10

Stone **H5**

295.1g Fragment with 25% fusion crust • 1992 cosmog.

- rad. studies • 1986 catalogued as 300g • 1957 cat. • 1909 catalogued in de Mauroy collection as 306g#24
- 146g** Fragment with 30% fusion crust • 1986 catalogued • 1957 catalogued? • 1909 catalogued in de Mauroy collection as 160g? #25
- 59g** Irregular, fresh-looking piece • 1986 catalogued • 1957 missing in catalog? • 1905 donated by de Mauroy (in 1913 catalog) #26
- 3.05g** Two fragments • 2001 magnetic susceptibility measured • 1986 catalogued #27

Allende

- Chihuahua, Mexico
Fell, 1969 February 8
Stone **CV3.2**
- 167.23g** Irregular piece • 2001 magnetic susceptibility measured • Nov. 1997-Jan. 1998 Display at Roma Termini • 1996 Density, porosity measured • 1995 donated by G. J. Wasserburg #28
- 5.11g** Large irregular white inclusion, 5 mm long, 1-2 mm wide • 2001 magnetic susceptibility measured • 1997 Bulk volume (beads) measured • 1986 catalogued • 1970 Acquired from Kiesel #29
- 5.0g** Irregular white inclusion and metal-rich inclusion • 2001 magnetic susceptibility measured • 1997 Bulk volume (beads) measured • 1986 catalogued • 1970 Acquired from Kiesel #30

Ambapur Nagla

- Aligarh dist., Uttar Pradesh, India
Fell, 1895 May 27
Stone **H5**
- 5.12g** Dark irregular fragment in a vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #31

Angelica

- Shawano County, Wisconsin, USA
Found, 1916
Iron **IIIAB**
- 69g** Piece with two surfaces sawn and polished • 1986 catalogued • 1957 catalogued • 1955 donated by Ralph Buckstaff, Oshkosh WI #32

Angers

- Maine et Loire, France
Fell, 1822 June 3
Stone **L6**
- 3.96g** Light irregular fragment in a vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #33

Angra dos Reis (iron) *see* Pirapora

Angra dos Reis

- Rio de Janeiro, Brazil
Fell, 1869 January (20? *see* appendix)
Stone **Angrite**
- 0.62g** Irregular fragment in a vial • 2001 magnetic susceptibility measured • 1986 catalogued with fall date of "Jan. 30" • 1957 cat. • 1909 catalogued in de Mauroy collection with fall date of 20 January #35

Apoala

- Oaxaca, Mexico
Found, 1889
Iron **IIIAB**
- 78g** Slab, polished but not etched • 1986 catalogued • 1957 catalogued • 1909 catalogued as 93.8g in de Mauroy collection? #36

Apt

- Vaucluse, France
Fell, 1803 October 8
Stone **L6**
- 49.78g** Fragment with 10% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 51.8g #37

Arispe

- Sonora, Mexico
Found, 1896
Iron **IC**
- 164g** Thick rectangular slice with polished surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued as 163g in de Mauroy collection #38
- 87g** Rectangular slab polished and etched on one side • 1986 catalogued • 1957 catalogued #39
- 13g** Square prism • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #40

Arlington

- Sibley County, Minnesota, USA
Found, 1894
Iron **IIE**
- 25.5g** Polished slice etched with name • 1986 catalogued • 1957 catalogued • 1909 catalogued as 26.1g in de Mauroy collection #41
- 9g** Irregular slab with rough edge • 1986 catalogued with #41 • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1091

Assisi

- Perugia, Umbria, Italy
Fell, 1886 May 24
Stone **H5**
- 0.98g** Partially fusion crusted; stored in vial with #43 • 2001 magnetic susceptibility measured • 1986

catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #42

0.93g Partially fusion crusted; stored in vial with #42 • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #43

Atoka

Atoka County, Oklahoma, USA

Fell, 1945 September 17

Stone L6

17.28g Fragment with 15% fusion crust, label M40.4 • 2001 magnetic susceptibility measured • 1998 Acquired in trade from Monnig Collection (Texas Christian University) #1085

Augustinovka

Ekaterinoslav, Dnipropetrovsk Province, Ukraine

Found, 1890

Iron IIIB

1198.8g Thick rectangular piece with some rough weathered surface badly oxidized • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 1220g #44

128g Entirely oxidized irregular fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued as 129g “croûte” in de Mauroy collection #45

• 1909 catalogued in de Mauroy collection **108g** Oxidized irregular piece • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #47

92g Completely oxidized • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #48

68g Oxidized fragment polished on one side • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #49

38g Oxidized irregular piece with polished face • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #50

36g Rectangular wedge-shaped slab • 1986 catalogued • 1957 catalogued • 1909 catalogued as 36.5g in de Mauroy collection #51

33g Badly oxidized piece sawn on three surfaces at right angles • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy? (1909 de Mauroy catalog lists a 33.4g piece, 1913 catalog lists a 33g piece—this one or #53?) #52

33g Triangular prism-shaped piece, one side polished and etched, one side polished, one side rough and grooved • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy? (1909 de Mauroy catalog lists a 33.4g piece, 1913 catalog lists a 33g piece—this one or #52?) #53

27g Triangular slab • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #54

27g Rectangular slab; polished and etched, now half

rusted • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #55

25g Completely oxidized • 1986 cat. • 1957 cat. #56

23g Grooved triangular prism, two sides polished one side etched • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #57

20g Completely altered and oxidized bag of many tiny fragments • 1986 catalogued as 120g (typo) • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #46

20g Three vials of oxides and small fragments • 1986 catalogued • 1957 in catalogue? #58

16g Badly oxidized fragments • 1986 catalogued • 1957 in catalogue? #59

Aumale

Sour el Ghozlane, Alger, Algeria

Fell, 1865 August 25

Stone L6

120.48g Fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #60

Aumières

Lozère, France

Fell, 1842 June 3

Stone L6

71.72g Fragment with 15% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #62

21.63g Fragment with fresh break • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #64

15.5g Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #65

14g Two fragments ; larger has small bit of fusion crust • 1986 catalogued • 1957 catalogued #66

Ausson

Haute Garonne, France

Fell, 1858 December 9

Stone L5

103.13g Fragment with 25% fusion crust • 1986 catalogued • 1957 catalogued (Note: 1957 catalogue lists Ausson as six specimens, while 1999 mass matched, within 2g, with only four specimens) #67

47.98g Fragment with 10% fusion crust • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #69

22g Single fragment • 1986 cat. • 1957 catalogued #70

Thin section • 1986 catalogued #71

Babb's Mill (Troost's Iron)

Greene County, Tennessee, USA

Found, 1842

Iron **Ni-rich Ataxite (anom.)****44.5g** Polished slice • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #72**14g** Heated slice • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #73**Bachmut**

Ekaterinoslav, Donetsk Province, Ukraine

Fell, 1814 February 15

Stone **L6****12.59g** Irregular fragment with two sawn surfaces • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #74**Bacubirito**

Sinaloa, Mexico

Found, 1863

Iron **Octahedrite (anom.)****13g** Fragment with one sawn and polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #75**1g** Irregular fragment in vial, one polished side, slightly oxidized • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #76**Ballinoo**Murchison River, Western Australia,
Australia

Found, 1892

Iron **IIC****332g** Slice with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #77**21g** Truncated pyramid with one rough surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #78**13g** Irregular slab with one curved rough surface, heated on corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #79**4.5g** Rectangular wedge-shaped slab • 1986 catalogued • 1957 catalogued • 1905 6g piece donated by de Mauroy (in 1913 catalog)? #80**Bandong**

West Java, Indonesia

Fell, 1871 December 10

Stone **LL6****24.87g** End piece, 4x3x1.5 cm, with two sawn surfaces. Exposed areas weathered, cut side fresh. Two black oblong inclusions, 1x1 mm and 3x1 mm • 2001 magnetic susceptibility measured • 1986 catalogued •

1974 borrowed by W. Kiesl, Vienna • 1957 catalogued as 35.8g • 1909 catalogued in de Mauroy collection as 35.8g #81

Barbotan

Gers, France

Fell, 1790 July 24

Stone **H5****83g** Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #82**1.9g** Two small fragments • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 1.3g piece (the larger of the two fragments) donated by de Mauroy (in 1913 catalog) #84**Barranca Blanca**

Come Caballo Pass, Atacama, Chile

Found, 1855

Iron **IIE (anom.)****13g** Very irregular chunk in vial, slightly oxidized, two sawn surfaces • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #85**Barratta**Deniliquin, County Townsend, New South
Wales, Australia

Found, 1845

Stone **L3.8****97.5g** Nearly rectangular slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #86**88.14g** Fragment with one sawn and polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #87**1.4g** Black irregular fragment with brown spots, in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #88**Bath**

Brown County, South Dakota, USA

Fell, 1892 August 29

Stone **H4****477.1g** Fragment with partial fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #89**37.4g** Fragment with sawn surface and 15% fusion crust; fits together with 157g piece • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #91

Bath Furnace

Bath County, Kentucky, USA

Fell, 1902 November 15

Stone **L6**

43.87g Slab with two sawn sides and fusion crust • 2001 magnetic sus. measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #93

0.8g Slab in vial • 1998 made from 1.4g piece during thin sectioning • 1986 original 1.4g piece catalogued • 1957 original piece catalogued • 1905 original piece donated by de Mauroy #1097

0.4g Small slab embedded in resin • 1998 made from 1.4g piece during sectioning #1098

Thin Section • 1998 made from 1.4g piece during thin sectioning at BNHM #1099

Beaconsfield *see* Cranbourne**Bear Creek**

Jefferson County, Colorado, USA

Found, 1866

Iron **IIIAB**

8.9g Irregular oxidized fragment in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued as 8.5g in de Mauroy collection? #95

Beardsley

Rawlins County, Kansas, USA

Fell, 1929 October 15

Stone **H5**

17.28g Slab fits together with 10g piece • 2001 magnetic susceptibility measured • 1986 catalogued • 1965 Acquired from Wänke #96

9.78g Slab fits together with 18g piece • 2001 magnetic susceptibility measured • 1986 catalogued • 1965 Acquired from Wänke #97

Beaver Creek

West Kootenay district, British Columbia, Canada

Fell, 1893 May 26

Stone **H5**

205g Irregular fragment partially fusion crusted • 1986 cat. • 1957 catalogued as 210g • 1909 catalogued in de Mauroy collection as *Beaver Creek*, 210g #98

1.9g Triangular-shaped fragment in vial • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #99

Beenham

Union County, New Mexico, USA

Found, 1937

Stone **L5**

12.34g Slab • 2001 magnetic susceptibility measured •

1986 catalogued • 1957 catalogued • 1950 donated by Thomas Olieszkowicz, Detroit #100

Bella Roca

Sierra de San Francisco, Durango, Mexico Found, 1888

Iron **IIIAB**

146.5g Thick slice • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #101

50g Slab, etched on one side • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #102

Benares (a)

Varanasi, Uttar Pradesh, India

Fell, 1798 December 19

Stone **LL4**

1.16g Complete stone • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Krakut* #103

Bendegó

Monte Santo, Bahia, Brazil

Found, 1784

Iron **IC**

127g Slice with polished surface • 1986 catalogued • 1957 catalogued #104

34g Oxidized wedge-shaped end piece • 1986 catalogued • 1957 catalogued • 1909 catalogued as 50g in de Mauroy collection? #105

9.5g Rectangular wedge-shaped end piece with four sawn surfaces and one surface polished and etched • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #106

3g Oxidized fragments • 1986 catalogued • 1957 catalogued • 1909 catalogued as 2.7g in de Mauroy collection? #107

1g Vial of fragments not previously catalogued • 1998 found in inventory #108

Berlanguillas

Burgos, Old Castillia, Spain

Fell, 1811 July 8

Stone **L6**

10.81g Irregular fragment partially fusion crusted • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #109

Beuste

Pau, Basses-Pyrénées, France

Fell, 1859 May

Stone **L5**

0.35g Fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #110

Bielokrynitschie

Zaslavl, Volhynia, Ukraine

Fell, 1887 January 1

Stone **H4**

0.65g Irregular fragment with two sawn surfaces • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #111

Billings

Christian County, Missouri, USA

Found, 1903

Iron **IIIAB**

69.5g Slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #112

5.5g Oxidized piece • 1986 cat. • 1957 catalogued #113

Bischtübe

Nikolaev, Turgai, Kustanai region,

Kazakhstan

Found, 1888

Iron **IAB**

31.5g Slice with polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #114

Bishopville

Lee County, South Carolina, USA

Fell, 1843 March 23

Stone **Aubrite**

4.3g Fragment in old round wood and glass display box, on cotton • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #115

1.2g Four small white fragments in a vial • 1986 catalogued as 1.9g • 1957 catalogue • 1909 catalogued in de Mauroy collection as 1.9g #116

Bitburg

Kreis Trier, Rheinland-Pfalz, German

Found, 1805

Iron **IAB**

10g Oxidized fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection, with find date of 1802 #117

Bjelaja Zerkov

Kiev region, Ukraine

Fell, 1796 January 15

Stone **H6**

13.03g Fragment with 30% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Belaja Zerkov* #118

Bjurböle

Borga, Nyland, Finland

Fell, 1899 March 12

Stone **L/LL4**

190g Smooth rounded fragment • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #119

3g A two gram fragment plus many smaller fragments and dust, in a bottle • 1986 catalogued • 1965 loaned to Duchesne; 1967 returned #120

1.4g Fragment with trace fusion crust, in old vial • 1986 this and #123 catalogued as *Ausson*, but old labels say *Bjurböle*; samples resemble *Bjurböle*'s color and friability, not *Ausson* • 1957 cat. as *Bjurböle* • 1905 don. by de Mauroy (in 1913 catalog as *Bjurböle*)#121

1.25g Fragment and loose chondrules in a bottle • 1986 catalogued #122

0.2g Separated chondrules in glass vial • 1986 catalogued as *Ausson*, but see #121 • 1909 catalogued in de Mauroy collection? #123

Bluff (a)

Fayette County, Texas, USA

Found, 1878

Stone **L5**

234g Broken slab, somewhat oxidized • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #124

61.7g Fits with 14g piece • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 78g (probably with #127, #128) #125

57.14g Polished slab • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #126

14g Fits with 62g piece • 1986 catalogued • 1957 catalogued • 1909 probably catalogued in de Mauroy collection with #125, #128 #127

1.7g Several chips in glass vial • 1986 catalogued • 1965 loaned to Duchesne; 1967 returned • 1957 catalogued • 1909 probably catalogued in de Mauroy collection with #125, #127 #128

Boerne

Kendall County, Texas, USA

Found, 1932

Stone **H6**

215g End piece with one large polished surface, one small polished surface, label on large surface • 1986 catalogued • 1957 catalogued • pre 1957 acquired in trade from Smithsonian #129

Bohumilitz

Vimperk, Jihocesky, Bohemia, Czech

Republic

Found, 1829

Iron **IAB**

0.5g Small fragments • 1986 cat. • 1957 catalogued#130

Bonanza *see* Coahuila**Borgo San Donino**

Parma, Emilia-Romagna, Italy

Fell, 1808 April 19

Stone **LL6**

- 17.38g** End piece, 4x2.5x1.8cm, with 40% fusion crust, one sawn surface. Metal beginning to weather. Small cracks • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #131

Bori

Betul dist., Madhya Pradesh, India

Fell, 1894 May 9

Stone **L6**

- 23.36g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 24.3g #132

Borkut

Maramos, Zakarpatska Province, Ukraine

Fell, 1852 October 13

Stone **L5**

- 1.7g** Irregular fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #133

Botschetschki *our sample now catalogued as* Sevruskowo**Brahin**

Minsk, Gorem Province, Byelarus

Found, 1810

Stony-iron **Pallasite**

- 84g** Irregular oxidized fragment with one sawn side, an old paper label "Brahin"; no olivine visible • 1986 *not* catalogued, but bagged with quote marks around the name, a question mark after the name, and the notation "octahedrite" • 1957 catalogued #135
- 13g** End piece with one cut surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #136

Braunau

Trutnov, Vychodocesky, Bohemia, Czech Republic

Fell, 1847 July 14

Iron **IIAB**

- 7g** Slice • 1986 cat. • 1957 catalogued as 7.5g • 1909 catalogued in de Mauroy collection #137
- 1g** Fused fragments • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #138

Bremervörde

Niedersachsen, Germany

Fell, 1855 May 13

Stone **H3.7**

- 16.45g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Bremervörde* #139
- 1.15g** Fragment with small amount of fusion crust, in vial • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #140
- Thin section** • 1986 catalogued #141

Brenham

Kiowa County, Kansas, USA

Found, 1882

Stony-iron **Pallasite***a.k.a. Kiowa County*

- 2533g** Rusty slice • 1986 catalogued • 1957 catalogued as 2600g • 1909 catalogued in de Mauroy collection as 2600g #142
- 246.9g** Oxidized slab • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #143
- 132.4g** Triangular slab, partially oxidized, one side polished, "Kiowa County" painted on one side • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 134g #144
- 101.62g** Slice with one polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #145
- 3.45g** Isolated olivine grains • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #147
- 0.95g** Metal fragments • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #148

Bridgewater

Burke County, North Carolina, USA

Found, 1890

Iron **IID**

- 40.8g** Polished and etched slice • 1986 catalogued • 1909 catalogued in de Mauroy collection #149
- 17g** Polished and etched slice • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #150

Bruderheim

Alberta, Canada

Fell, 1960 March 4

Stone **L6**

- 11.41g** Fragment with 15% fusion crust and saw marks • 2001 magnetic susceptibility measured • 1986 catalogued • 1965 Obtained from Wänke #151

Bur-Gheluai

Bur-Hagaba district, Somalia

Fell, 1919 October 16

Stone **H5**

1286.6g Individual stone with fusion crust and 30% broken surface • 1996 Helium and bead density measurements • 1986 cat. as 1290g • 1957 catalogued as 1422g • pre 1957 donated by A. Neviaan #152

Burdett

Pawnee County, Kansas, USA

Found, 1965

Stone **H5**

17.93g Slab with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued as 18.5g • 1970 Acquired from Keisl #153
apparently collected in 1965, known to have been in a field for at least 17 years before that

Burlington

Otsego County, New York, USA

Found, 1819

Iron **IIIIE**

21g Fragment with three orthogonal polished and etched surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #154

Buschhof

Zemgale, Latvia

Fell, 1863 June 2

Stone **L6**

4.96g Fresh fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Buschhoff* #155

Butcher *see* Coahuila**Butler**

Bates County, Missouri, USA

Found, 1874

Iron **Octahedrite (anom.)**

82g Rectangular slice with one original surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #156

Butsura

Champaran dist., Bihar, India

Fell, 1861 May 12

Stone **H6**

0.5g Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #157

Cabezo de Mayo

Murcia, Spain

Fell, 1870 August 18

Stone **L6**

61.18g Fragment with 5% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. #158
1.5g Small fragment with fusion crust in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Cabezza di Mayo* #159

Cachiyuyal

Atacama, Chile

Found, 1874

Iron **IIIIE**

16.5g End piece with two sawn surfaces, one polished • 1986 catalogued • 1957 catalogued #160

Calliham

McMullen County, Texas, USA

Found, 1934? or 1958?

Stone **L6**

12.39g Irregular slab with one polished surface • 2001 magnetic susceptibility measured • 1998 made during thin sectioning at BNHM from 13g piece • 1986 catalogued as 13g • 1970 acquired from Kiesl #1102
0.5g Irregular slab with one polished surface • 1998 made from 13g piece during thin sectioning #1103
Thin section • 1998 made at BNHM #1104
Catalogued in 1986 as "Calliham 1934"; we have one handwritten scrap listing 1934 as the date of find. The canonical date of find for this meteorite is 1958

Cambria

Niagara County, New York, USA

Found, 1818

Iron **Octahedrite (anom.)**

19g Slice with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #162

Campo del Cielo

Gran Chaco Gualamba, Chaco, Argentina

Found, 1576

Iron **IAB**

12g Fragment with two cut sides. E. King's bag has "?" after name • 1993 found in inventory #163
2.8g Weathered flake • 1986 catalogued • 1961 acquired from Giacomelli #164

Cañellas

Barcelona, Catalonia, Spain

Fell, 1861 May 14

Stone **H4**

2.55g Fragment with small amount of fusion crust •

- 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #165
- 0.3g** One large fragment with partial fusion crust, and dust • 1998 made at BNHM from 0.5g piece • 1986 catalogued as 0.5g • 1957 catalogued as 0.5g #1100
- Thin section** • 1998 made at British Natural History Museum (BNHM) from 0.5g piece #1101

Cangas de Onis

Asturias, Spain

Fell, 1866 December 6

Stone **H5**

- 46.34g** Irregular fragment, 5x3x3cm, with one polished surface. Interior metal beginning to weather • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #167
- 12.39g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #168

Canyon City

Trinity County, California, USA

Found, 1875

Iron **IIIA**

- 17g** Heel piece with one rough-cut side • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #169

Canyon Diablo

Coconino County, Arizona, USA

Found, 1891

Iron **IA**

- 4865g** Irregular piece • Nov. 1997-Jan 1998, on display, Roma Termini, U Padova • 1986 catalogued • 1957 catalogued as 4800g • 1909 catalogued in de Mauroy collection #170
- 924g** Irregular disk • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #171
- 737.4g** Irregular fragment • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #172
- 299g** Piece with two polished surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued as 302g in de Mauroy collection #173
- 212.1g** End piece with polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #174
- 78g** End piece with polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #175
- 33.5g** End piece with polished and etched surface • 1986 catalogued • 1957 catalogued #176
- 22g** Oxidized fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #177
- 15g** Oxidized fragment • 1993 found during inventory • 1986 *not* listed in catalog • 1957 presumed cata-

- logued (needed to make total mass correct) #178
- 10g** Oxidized flakes • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #179
- 5.5g** Oxidized flakes • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #180
- 1986 catalog has misprint for date of find as 1819*

Cape Girardeau

Cape Girardeau County, Missouri, USA

Fell, 1846 August 14

Stone **H6**

- 96g** Fragment with 40% fusion crust • 1986 catalogued • 1957 catalogued #181

Cape of Good Hope

Cape Province, South Africa

Found, 1793

Iron **IVB**

- 0.8g** Slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as “Cap de Bonne Espérance” #182

Caperr

Rio Senguerr, Chubut, Patagonia,

Argentina

Found, 1869

Iron **IIIAB**

- 2.2g** Oxidized irregular fragment in vial • 1986 catalogued • 1957 catalogued as 1.9g • 1909 catalogued as *Amakaken*, 1.9g, in de Mauroy collection #183
- 1.3g** Oxidized irregular fragment in vial • 1986 catalogued • 1957 catalogued as 1.1g • 1909 catalogued as *Amakaken*, 1.1g, in de Mauroy collection #184

Carlton

Hamilton County, Texas, USA

Found, 1887

Iron **IIICD**

- 516g** Slice with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued as 518g in de Mauroy collection #185
- 154g** Rectangular slab with one polished and etched side • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #186
- 41.5g** Unetched rectangular slice • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #188
- 20g** Rectangular slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #189
- 11.5g** Rectangular slab with one polished and etched side in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #190
- 9.5g** Rectangular slab polished and etched on one side • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #191

Carthage

Smith County, Tennessee, USA

Found, 1840

Iron **IIIAB**

- 17.4g** Rectangular parallelepiped • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #192
- 6.4g** Fragment with two sawn surfaces • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #193

Casas Grandes

Chihuahua, Mexico

Found, 1867

Iron **IIIAB**

- 38g** Polished fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #194
- 3g** End piece with three sawn surfaces, ne polished and etched • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #195

Castalia

Nash County, North Carolina, USA

Fell, 1874 May 14

Stone **H5**

- 7.66g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #196

Central Missouri

Missouri, USA

Found, 1855

Iron **IIAB***paired with Ainsworth, Ponca Creek*

- 98g** Slice with polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #197
- 2.5g** Irregular shape with one sawn side • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #198

*See comments in Introduction on pairing, date of find***Cereseto**

Alessandria, Piemonte, Italy

Fell, 1840 July 17

Stone **H5**

- 11.84g** Irregular fragment with small amount of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #199

Chandakapur

Buldhana, Maharashtra, India

Fell, 1838 June 6

Stone **L5**

- 1.66g** Irregular fragment with one sawn surface • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #200
1986 catalog mistakenly lists year of fall as 1834

Chantonnay

Vendée, France

Fell, 1812 August 5

Stone **L6**

- 24.95g** Fragment with small label • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #201
- 6.5g** Approximately a dozen fragments in a vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #202
- 5g** Irregular fragment • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #203

Charcas

San Luis Potosi, Mexico

Found, 1804

Iron **IIIAB***paired with Descubridora*

- 23.5g** Slice with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #204
1986 catalog has typo of 1840 for year of find

Charsonville

Meung, Loiret, France

Fell, 1810 November 23

Stone **H6**

- 89g** Irregular fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #205
- 11.79g** Fragment with orange surface discoloring • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as *Bois de Fontaine (Beaugency)* #206
- 5g** Fragment with 30% fusion crust • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy; in 1913 catalog as *Charsonville (Beaugency)* #207

Chassigny

Haute Marne, France

Fell, 1815 October 3

Stone **Chassignite**

- 15.66g** Fragment with partial fusion crust and one sawn surface, in vial • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #208
- 4.4g** Irregular fragment plus dust, in old glass vial •

1998 made from 6.2g piece during sectioning at British MNH • 1986 catalogued as 6.2g • 1957 catalogued as 6.2g • 1909 6.2g piece catalogued in de Mauroy collection #1065

2.1g In resin slab. Kept with # 210 • 1999 to Dyar, Mt. Holyoke for Mossbauer work • 1998 made from 6.2g piece during sectioning at British MNH #1066

0.4g Grains and dust in a capsule, kept with #1066 • 2000 to Dyar for Mossbauer • 1986 cat. • 1957 cat. • 1905 donated by de Mauroy (in 1913 catalog) #210

Thin Section. Dunite and opaques, with chromite and ilmenite visible. Shocked • 1999 to Delaney, Rutgers, for ion probing • 1998 thin section from 6.2g piece at British MNH; coated and photos #1067

Château-Renard

Montargis, Loiret, France

Fell, 1841 June 12

Stone **L6**

46.34g Fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #211

3.6g Fragment with fusion crust in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #212

3g Irregular fragment • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #213

1g Irregular fragment in vial • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #214

Chesterville

Chester County, South Carolina, USA

Found, 1849

Iron **IIAB**

6.5g Irregular oxidized fragment in vial; an old price tag of "\$2" is glued to side • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #215

Chulafinnee

Cleburne County, Alabama, USA

Found, 1873

Iron **IIIAB**

9.3g Slice with etched surface, in vial • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #216

Chupaderos

Jimenez, Chihuahua, Mexico

Found, 1852

Iron **IIIAB**

a.k.a. Cuernavaca

67.7g End piece with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #217

32g End piece with three sawn surfaces, one surface etched • 1986 catalogued as *Cuernavaca* • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Cuernavaca* #218

Claytonville

Swisher County, Texas, USA

Found, 1964

Stone **L5**

19g Irregular oxidized slice • 1986 catalogued • 1970 Acquired from Kiesl #219
1986 catalog mistakenly lists year of find as 1966

Cleveland

Bradley County, Tennessee, USA

Fall, 1860?

Iron **IIIAB**

see also Dalton

47.5g Slice with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #220
MetBase argues for find location of Whitfield County, Georgia; our original documentation says it was found in Cleveland, "East Tennesse," in 1886. Farrington (Mem. NAS XIII) quotes a letter of 1868 describing it as having fallen "about 8 years ago", with first description in 1886

Clovis (no. 1)

Curry County, New Mexico, USA

Found, 1961

Stone **H3.6**

32.97g Nearly rectangular slab with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1970 Acquired from Kiesl #221

Coahuila

Coahuila, Mexico

Found, 1837

Iron **IIAB**

a.k.a. Butcher, Bonanza, Ft. Duncan, Sancha Estate

238g Rectangular slab with polished surface • 1986 catalogued • 1957 catalogued as *Bonanza* • 1909 catalogued as *Bonanza* in de Mauroy collection #222

167g Rectangular slice polished on both sides • 1986 catalogued • 1957 catalogued as *Bonanza* #223

40.5g Slice with quadrangular shape • 1986 catalogued • 1957 catalogued as *Coahuila* #224

39.5g Slice with polished surfaces • 1986 catalogued • 1957 catalogued as *Ft. Duncan* • 1909 catalogued in de Mauroy collection as *Ft. Duncan* #225

33g Slab with one rough surface, heated • 1986 catalogued • 1957 catalogued as *Bonanza* #226

19g Slice with polished surface • 1986 catalogued • 1957 catalogued as *Fort Duncan* • 1909 catalogued in de Mauroy collection as *Fort Duncan* #227

15g Nearly triangular slab • 1986 catalogued • 1957 catalogued as *Sancha Estate* #228

6g Triangular slice • 1986 catalogued • 1957 catalogued as *Bonanza* • 1905 donated by de Mauroy (in 1913 catalog as *Bonanza*) #229

Cobija

Pampa del Santa Barbara, Antofagasta,
Chile

Found, 1892

Stone **H6**

7.43g Irregular slice • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #230

Cold Bokkeveld

Cape Province, South Africa

Fell, 1838 October 13

Stone **CM2**

1.6g Fragments in two vials • 2001 magnetic susceptibility measured separately for each vial • 1986 catalogued as one item • 1957 catalogued • 1909 catalogued in de Mauroy collection as two sets of fragments, 1g and 0.6g #231

Colfax

Rutherford County, North Carolina, USA

Found, 1880

Iron **IAB**

12.5g Oxidized polished slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #232

Collescipoli

Terni, Umbria, Italy

Fell, 1890 February 3

Stone **H5**

9.2g Fresh fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #233

1.75g Fresh fragment with fusion crust in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #234

Coon Butte

Coconino County, Arizona, USA

Found, 1905

Stone **L6**

8.02g Wedged slab with original surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #235

Coopertown

Robertson County, Tennessee, USA

Found, 1860

Iron **IIIE**

0.5g Three tiny fragments in vial, vial is in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #236

Copiapo

Atacama, Chile

Found, 1863

Iron **IAB**

6g End piece with one polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #237

Cosby's Creek

Cocke County, Tennessee, USA

Found, 1837

Iron **IAB**

16g Badly weathered fragment and debris • 1986 catalogued • 1957 catalogued as 18g • 1909 catalogued in de Mauroy collection (see below) #238

14.5g Approx. half dozen oxidized fragments in vial • 1986 catalogued • 1957 catalogued #239

4.5g Ten fragments in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #240

4.2g Oxidized fragments in vial • 1986 catalogued • 1957 catalogued #241

1909 de Mauroy catalog lists two pieces, an 18g piece from Coke [sic] County and an 18.7g piece from Sevier County

Costilla Peak

Taos County, New Mexico, USA

Found, 1881

Iron **IIIAB**

114g Polished and etched slice • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #242

68.5g Thick slab one side polished and etched; fits with 36g piece • 1986 catalogued • 1957 catalogued #243

36g Thick slab one side polished and etched; fits with 68.5g piece • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #244

Cowra

County Bathurst, New South Wales,

Australia

Found, 1888

Iron **Octahedrite (anom.)**

7.5g Sawn piece • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #245

Crab Orchard

Rockwood, Cumberland County,

Tennessee, USA

Found, 1887

Stony-iron **Mesosiderite**

543.6g Rough piece • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued as 553g • 1909 catalogued in de Mauroy collection as 553g #246

- 246.4g** End piece with one cut and polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #247
- 177.9g** Slab with two sawn and polished surfaces • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #248
- 3.5g** Oxidized fragments • 1986 catalogued • 1957 catalogued #249

Cranbourne

Melbourne, Victoria, Australia
 Found, 1854
 Iron **IIICD**
a.k.a. Beaconsfield

- 547g** Slab polished and etched on one side, now badly oxidized • 1986 catalogued • 1957 catalogued as *Beaconsfield* 555g • 1909 catalogued in de Mauroy collection as *Beaconsfield*, 555g #250
- 14.5g** Fragment with one cut surface now oxidized • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #251
- 13g** Fragments • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog? Or does it refer to the 14g piece mentioned in the 1957 catalog?) #252

Cronstad

Orange Free State, South Africa
 Fell, 1877 November 19
 Stone **H5**

- 0.96g** Prismatic fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #253

Cross Roads

Wilson County, North Carolina, USA
 Fell, 1892 May 24
 Stone **H5**

- 1.95g** Fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #254

Cuernavaca *see* Chupaderos

Cumberland Falls

Whitley County, Kentucky, USA
 Fell, 1919 April 9
 Stone **Aubrite**

- 23.14g** Irregular fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1955 donated by Ralph Buckstaff, Oshkosh WI Natural History Museum #255

Cynthiana

Harrison County, Kentucky, USA
 Fell, 1877 January 23
 Stone **L4**

- 2.16g** Fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #256

Dalgaranga

Western Australia, Australia
 Found, 1923
 Stony-iron **Mesosiderite**

- 32g** End piece with one polished surface; weathered exterior • 1986 cat. • 1970 Acquired from Kiesel #257

Dalton (?)

Whitfield County, Georgia, USA
 Found, 1879
 Iron **IIIB**

- 8.5g** Polished and etched slice • 1986 catalogued • 1957 catalogued as 9.3g • 1909 catalogued in de Mauroy collection as 9.3g #258
- 0.3g** Fragment in vial • 1986 catalogued #259
Our documentation lists the year of fall as 1877.

According to Grady, a different meteorite found in Dalton in 1877, and once called Dalton, has since been paired with Cleveland. Both are IIAB irons. It is unclear which meteorite is sampled here.

Daniel's Kuil

Griqualand West, Cape Province, South Africa
 Fell, 1868 March 20
 Stone **EL6**

- 5.6g** Fragment with one polished side • 2001 magnetic susceptibility measured • 1986 cat. • 1957 loaned to M. Duchesne, Liège; 1967 returned • 1957 cat. #260
1986 catalog has typo of 1818 for year of fall

Dar al Gani 400

Dar al Gani, Libya
 Found, 1998
 Stone **Lunite**

- 15.4g** Large, thin slab • 2000 obtained in trade #1171
- 0.7g** Small, thin slab • 2000 obtained in trade #1172
- Thin Section** • 2000 made at British NHM #1182

Dar al Gani 411

Dar al Gani, Libya
 Found, 1998
 Stone **Eucrite**

- 19.32g** Brecciated polymict eucrite, slab with fusion crust around edges • 2001 magnetic susceptibility measured • 2000 obtained in trade #1167

Dar al Gani 476

Dar al Gani, Libya

Found, 1998

Stone **Shergottite**

18.1g Irregular piece with sawn sides • 2001 magnetic susceptibility measured • 2000 original 19.2g obtained in trade #1168

Thin Section • 2000 prepared at British NHM #1181

Deep Springs

Rockingham Co., North Carolina, USA

Found, 1846

Iron **Ni-rich Ataxite (anom.)**

36g Slice with three sawn surfaces • 1986 catalogued • 1957 catalogued #261

Dehesa

Santiago, Chile

Found, 1866

Iron **Ni-rich Ataxite (anom.)**

10g Polished slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Chili (Fer di Domeyko)* #262

Densmore (1879)

Norton County, Kansas, USA

Found, 1879

Stone **L6**

21.58g Irregular slab with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1970 Acquired from Kiesl #263

Descubridora

San Luis Potosi, Mexico

Found, 1780

Iron **III A***paired with Charcas*

113g Sawn fragment with one polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #264

26.5g Trapezoidal wedge shaped slab polished and etched on one side, heated corner • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #265

3.5g Thin triangular slab • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #266

Dhurmsala

Kangra district, Himachal Pradesh, India

Fell, 1860 July 14

Stone **LL6**

85.22g White inclusions 1 mm visible on two sides directly opposite to each other • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #267

82.1g Slab with one polished surface, 8.6 x 3 x 1.3 cm. Interior metal beginning to weather. Small (1-2 mm) black inclusions • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #268

29.03g Irregular piece with partial (15%) fusion crust, 3.5 x 3.5 x 2.5 cm • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #269

Dimmitt

Castro County, Texas, USA

Found, 1942

Stone **H4**

112.72g Fusion crusted end piece with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • pre 1957 acquired in trade from Smithsonian #270

Djati-Pengilon

Ngawi dist., East Java, Indonesia

Fell, 1884 March 19

Stone **H6**

10.43g Prismatic fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #271

Thin section • 1986 catalogued #272

Dolgovoli

Luck, Volhynska Province, Ukraine

Fell, 1864 June 26

Stone **L6**

Thin section • 1986 catalogued #273

Doña Inez see Vaca Muerta**Doroninsk**

Irkutsk, Chita Province, Russia

Fell, 1805 April 6

Stone **H6**

1.64g Irregular fragment with partial fusion crust, in vial • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 cat. in de Mauroy collection #274

Drake Creek

Nashville, Sumner Co., Tennessee, USA

Fell, 1827 May 9

Stone **L6**

2.72g Irregular fragment with partial fusion crust, in same vial as #276 • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #275

2.07g Irregular fragment with partial fusion crust, in same vial as #275 • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #276

1g Fresh irregular piece in old vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #277

Duel Hill (1854)

Madison County, North Carolina, USA
Found, 1854

Iron **IVA**

3g Triangular shaped slice with one polished and etched surface • 1986 cat. • 1957 cat. as 3.5g • 1909 cat. in de Mauroy collection as *Jewell Hill*, 3.65g #278

Durala

Patiala district, Punjab, India

Fell, 1815 February 18

Stone **L6**

31.61g Weathered fragment with fusion crust; "M249.2" painted on side • 2001 magnetic susc. meas. • 1999 acquired 32g in trade from Monnig (TCU) #1130

0.4g Slab in resin • 2000 made during sectioning #1178

0.1g Fragment • 2000 made during sectioning #1131

Thin Section • 2000 made at British MNH #1174

Eagle Station

Carroll County, Kentucky, USA

Found, 1880

Stony-iron **Pallasite**

69.2g Nearly triangular slab with one polished surface containing a very large olivine crystal • 1996 Helium and bead density measurements • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #279

34.25g Irregular oxidized fragment • 1996 Helium and bead density measurements • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #281

29.4g Rectangular slab • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued #282

0.3g Two fragments in capsule in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #283

El Capitan

Lincoln County, New Mexico, USA

Found, 1893

Iron **IIIAB**

80g Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *El Capitan Range* #284

Elbogen

Zapadocesky Region, Bohemia, Czech Republic

Fell, 1400

Iron **IID**

20g Roughly cut fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #285

12g Fragment with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #286

0.5g Oxidized fragment in vial • 1986 cat. • 1957 cat. • 1905 donated by de Mauroy (in 1913 catalog) #287

Elm Creek

Admire, Lyon County, Kansas, USA

Found, 1906

Stone **H4**

87g Weathered slab • 1986 catalogued #288

60g Weathered slab • 1986 catalogued #289

54g Weathered slab • 1986 catalogued #290

52.4g Weathered slab • 2001 magnetic susceptibility measured • 1986 catalogued #291

41g Weathered slab • 1986 catalogued #292

33g Weathered slab • 1986 catalogued #293

28g Weathered slab • 1986 catalogued #294

19g Weathered slab • 1986 catalogued #295

All pieces originally part of one 376g slab; catalogued as one piece in 1957, and as part of de Mauroy collection in 1909

Ensisheim

Alsace, France

Fell, 1492 November 16

Stone **LL6**

33.26g Irregular fragment • 2001 magnetic susceptibility measured • 1986 cat. as 32g • 1957 catalogued as 31g • 1909 catalogued in de Mauroy collection #297

8g Irregular fragment with spot of weathering • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 7.7g #298

2.5g Irregular fragment with large darker piece, in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #299

2.05g Irregular fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #300

0.85g Irregular fragment in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #301

Épinal

Vosges, France

Fell, 1822 September 13

Stone **H5**

3.41g Thin slab, starting to get quite weathered; metal still visible but interior turning brown • 2001 magnetic susceptibility measured • 1999 bulk density measure (beads and graph paper) • 1998 made from 4.9g piece during thin sectioning • 1986 catalogued as 4.9g • 1957 catalogued as 4.9g • 1909 catalogued in de Mauroy collection as *La Baffe*, 5.1g #1105

0.6g Thin slab, starting to get quite weathered; metal still visible but interior turning brown • 1998 made from 4.9g piece during thin sectioning #1106

Thin Section • 1998 made at British NHM #1107

Ergheo

Brava, Somalia

Fell, 1889 July

Stone **L5**

- 106.69g** Irregular piece with one sawn surface, 6.5 x 4.8 x 1.1 cm. Very many cracks and holes; significantly weathered • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #303
- 32.47g** Slab with one polished surface, 3.5 x 3.5 x 1 cm. A few white crystals, many visible rust spots • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #304
- 17.18g** Polished end piece of fragment, 4 x 2.5 cm. Weathering of metal in interior. Rust follows cracks • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #305

ErxlebenKreis Magdeburg, Sachsen-Anhalt,
Germany

Fell, 1812 April 15

Stone **H6**

- 4.91g** Fragment in vial • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #306

Estacado

Hale County, Texas, USA

Found, 1883

Stone **H6**

- 8180g** Large thick slab, fits with 115g piece • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #307
- 309g** Slab with two sawn sides • 1986 catalogued • 1957 catalogued #308
- 142.7g** Rusty surface from one polished side; brown inclusion (probably weathering product) • 1986 catalogued • 1957 catalogued #309
- 114.1g** Thick slab, fits with 8180g piece. Black inclusions on polished side; one side rusty • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #310
- 13.75g** Chip with large polished surface, 4.5 x 2.3 x 1 cm; 3 mm white/yellow inclusion; 1-5 mm black inclusions on polished side. Little weathering • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #311

Estherville

Emmet County, Iowa, USA

Fell, 1879 May 10

Stony-iron **Mesosiderite**

- 150g** Weathered irregular fragment • 1986 catalogued •

- 1957 catalogued • 1909 catalogued in de Mauroy collection #312
- 44g** Irregular fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #313
- 41g** Irregular rounded fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #314
- 40g** Irregular fragment (with “tail”) • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #315
- 19.8g** End piece with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #316
- 13g** Rounded fragment in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #317
- 8.4g** Irregular fragment in vial • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #318
- 6.3g** Irregular rounded lump in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #319
- 1986 catalog has typo for fall year of 1870*

Etter

Moore County, Texas, USA

Found, 1965

Stone **L5**

- 32.72g** Slab polished on one side, 6.4 x 3.4 x 0.7 cm, fits with #321. Rust spots on uncut surfaces • 2001 magnetic susceptibility measured • 1998 bead bulk density measurement • 1986 catalogued as 34g • 1974 acquired from Kiesl (probably; records say “Elter” but no such meteorite exists) #320
- 23.96g** Slab polished on one side, 5.5 x 4 x 0.7 cm, fits with #320. Rust spots on uncut surfaces • 2001 magnetic susceptibility measured • 1998 bead bulk density measurement • 1986 catalogued • 1974 acquired from Kiesl (probably; records say “Elter” but no such meteorite exists) #321
- Exact year of find uncertain; 1986 catalog says 1966*

Farmington

Washington County, Kansas, USA

Fell, 1890 June 25

Stone **L5**

- 2473g** Large slab with two cut surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #322
- 518.1g** Slab with two cut surfaces • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #323
- 213.5g** Slab; fits with #326 • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued with #326 • 1909 catalogued in de Mauroy collection #324
- 154g** Slab with two sawn sides • 1996 Helium and bead density measurements • 1986 catalogued • 1957

- catalogued • 1905 donated by de Mauroy (in 1913 catalog) #325
- 108.5g** Slab; fits with #324 • 2001 magnetic susceptibility measured • 1996 Helium and bead density meas. • 1986 cat. • 1957 catalogued with #324 • 1909 catalogued in de Mauroy collection #326
- 47.28g** Irregular slab; old white label pasted to side • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 49.5g #327
- 2g** Irregular piece in small bottle • 1986 cat. • 1965 loaned to Duchesne; 1967 returned • 1957 cat. #328
- 0.5g** Fragment of inclusion, in vial • 1986 cat. #329

Favars

Laissac, Aveyron, France

Fell, 1844 October 21

Stone **H5**

- 14.7g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #330

Finmarken

Alta, Finmark, Norway

Found, 1902

Stony-iron **Pallasite**

- 321.3g** Nearly rectangular slab with one surface polished and etched • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued as 328g • 1909 cat. in de Mauroy collection as 328g #331
- 19.7g** Rhomboidal fragment, 5.3 x 2.5 cm, one side polished. Two large cracks on plain rusty side; rust dots on borders. Fragile • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 22g? #332
- 9g** Slab fits with #332 • 1986 cat. • 1957 cat. #333
- 5.8g** Tiny fragments in a bag, found during 1998 inventory, not previously noted • 1998 found during inventory #1092
- 5.7g** Fragment, 3.2 x 1.2 cm, highly fragile; rusty on edges. Fits with #333 • 1986 catalogued • 1957 catalogued #334
- 5g** Fragment not noted in previous inventory • 1998 found during inventory #1093
- 4g** Fragment in vial • 1986 cat. • 1957 catalogued #335
- 1.1g** Fragment in vial • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #336
- 0.3g** Three fragments in vial • 1986 catalogued • 1909 catalogued in de Mauroy collection #337

Fisher

Polk County, Minnesota, USA

Fell, 1894 April 9

Stone **L6**

- 125.97g** Irregular piece with 45% fusion crust; visible cracks, signs of rust • 2001 magnetic susceptibility measured • 1986 catalogued as 127g • 1957 cata-

logued as 127g • 1909 catalogued in de Mauroy collection as 127g #338

Forest City

Winnebago County, Iowa, USA

Fell, 1890 May 2

Stone **H5**

- 121g** Whole fusion crusted stone • 1986 catalogued • 1957 catalogued #339
- 89g** Fusion crusted stone with two small chips in fusion crust • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Forest City (Ramsey)* #340
- 35.76g** Angular fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #341
- 5.62g** Irregular fragment with small polished surface, in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #342

Fort Duncan *see* Coahuila

Franceville

El Paso County, Colorado, USA

Found, 1890

Iron **IIIAB**

- 270g** Polished slice. Mass incorrectly listed as 279g in 1986 catalog • 1986 catalogued as 279g • 1957 catalogued as 270g • 1909 catalogued in de Mauroy collection as 270g #343
- 50g** Polished slice • 1986 cat. • 1957 loaned to M. Duchesne, Liège; 1967 returned • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #344

Frankfort (iron)

Franklin County, Kentucky, USA

Found, 1866

Iron **IIIAB**

- 26g** Very oxidized slab • 1986 cat. • 1957 cat. #345

Frankfort (stone)

Franklin County, Alabama, USA

Fell, 1868 December 5

Stone **Howardite**

- 10g** Some partial fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued #346
- 1g** Fragment with 50% fusion crust, in a vial • 1986 catalogued • 1957 catalogued as 2.5g #347

Futtehpur

Allahabad dist., Uttar Pradesh, India

Fell, 1822 November 30

Stone **L6**

- 0.5g** Fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #348

Gambat

Khairpur dist., Sind, Pakistan

Fell, 1897 September 15

Stone **L6**

97.92g Piece with partial fusion crust and one sawn surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Ghambat* #349

0.57g Fragment with one sawn surface, plus flakes, in a vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #350

Garraf

Barcelona, Catalonia, Spain

Found, 1905

Stone **L6**

17.74g Irregular fragment with 30% fusion crust; no cracks, little weathering • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued #351

8.4g Irregular stone; number 201196 painted on surface • 1986 catalogued • 1957 catalogued #352

Gibeon

Great Namaland, Namibia

Found, 1836

Iron **IVA***a.k.a. Lion River, Mukerop*

2985g Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued as *Mukerop* • 1909 catalogued in de Mauroy collection as *Mukerop* #353

662g Slice with polished and etched surfaces • 1986 catalogued • 1957 catalogued as *Mukerop* • 1909 catalogued in de Mauroy collection as *Mukerop* #354

57.5g Wedge-shaped slice with one polished and etched surface • 1986 catalogued • 1957 catalogued as *Mukerop* • 1905 donated by de Mauroy (in 1913 catalog as *Mukerop*) #355

21g Triangular slice • 1986 catalogued • 1957 catalogued as *Lion River* • 1909 catalogued in de Mauroy collection as *Lion River*, 20g #356

Gilgoin

Brewarrina, County Clyde, New South

Wales, Australia

Found, 1889

Stone **H5**

237g Irregular piece with one sawn surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #357

3.54g Thick slab with one polished surface in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #358

Girgenti

Sicily, Italy

Fell, 1853 February 10

Stone **L6**

52g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #360

0.3g Tiny fragments in vial • 1986 cat. • 1957 cat. • 1905 donated by de Mauroy (in 1913 catalog) #361

Glen Rose

Somervell County, Texas, USA

Found, 1934

Iron **Octahedrite (anom.)**

484g Etched slab • 1998 Acquired in trade from Monnig Collection (TCU) #1084

Glorieta Mountain

Canoncito, Santa Fe County, New

Mexico, USA

Found, 1884

Stony-iron **Pallasite**

558g Slice with one polished and etched surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 556g #362

203.4g Rectangular piece with one etched surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #363

53.5g Parallelogram shaped slice with one etched surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #365

51.8g Thick slab with one polished and etched surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #366

25.3g Parallelogram shaped slice, heated on one corner • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #367

*None of our samples show pallasitic olivine***Gold Basin**

Mohave County, Arizona, USA

Found, 1995

Stone **L4**

226.8g Fragment covered with orange desert dust • 1998 donated by John Blennert (discoverer) #1087

22.53g Fragment covered with orange desert dust • 2001 magnetic susceptibility measured • 1998 donated by Blennert #1089

22.51g Fragment covered with orange desert dust • 2001 magnetic susceptibility measured • 1998 donated by Blennert #1088

- 7.7g** Fragment covered with orange desert dust • 1999 Sliced for thin section at BNHM from 8.9g piece • 1998 donated by Blennert #1121
- 0.6g** Fragment • 1999 Sliced at BNHM from 8.9g piece for thin section • 1998 8.9g fragment covered with orange dust donated by Blennert #1122
- Thin Section** • 1999 Sliced at British Natural History Museum (BNHM) from 8.9g piece #1117

Grand Rapids

Kent County, Michigan, USA

Found, 1883

Iron **Octahedrite (anom.)**

- 159.7g** Slice with etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #368
- 16.5g** Wedge-shaped piece, one surface polished and etched • 1986 catalogued • 1957 loaned to M. Duchesne, Liège; 1967 returned • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #369
- 16g** Wedge-shaped rectangular piece, heated on one end, in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #370

Gretna

Phillips County, Kansas, USA

Found, 1912

Stone **L5**

- 144.92g** Irregular, highly oxidized fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued as 215g • before 1957, acquired in trade from Smithsonian #371
- 1.5g** Four small fragments • 1986 catalogued #372

Grosnaja

Mekensk, Terek, Checheno-Ingushskaya, Russia

Fell, 1861 June 28

Stone **CV3**

- 11.03g** Thick slab, 3 x 1.5 x 1cm, in vial; many cracks visible, some filled with soft white material. White inclusions 1-2 mm across • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Grossnaja (Mikenskoï)* #373

Gross-Divina

Sillein, Trenčsén, Stredoslovensky, Slovakia

Fell, 1837 July 24

Stone **H5**

- 9.39g** Fragment with trace of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #374

Grossliebenthal

Kherson, Odessa Province, Ukraine

Fell, 1881 November 19

Stone **L6**

- 21.3g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #376
- 19.72g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #377

Grüneberg

Silesia, Poland

Fell, 1841 March 22

Stone **H4**

- 1.6g** Three fragments and dust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as three fragments #378

Gruver

Hansford County, Texas, USA

Found, 1934

Stone **H4**

- 11.31g** Irregular slab with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1970 Acquired from Kiesel #379

Guareña

Badajos, Spain

Fell, 1892 July 20

Stone **H6**

- 167g** Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued #380

Hainholz

Kreis Minden, Nordrhein-Westfalen, Germany

Found, 1856

Stony-iron **Mesosiderite**

- 13g** Fragment with two polished surfaces, in same vial as #382 • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #381
- 4.8g** Oxidized fragment, with glued tag "\$2.50". In same vial as #381 • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #382

Hammadah al Hamra 237

Jabal al Gharb, Hammadah al Hamra, Libya

Found, 1997

Stone **CH3**

- 8.56g** Irregular polished slab, very metal rich • 2001 magnetic susc. meas. • 2000 acquired in trade #1166

Hammond

St. Croix County, Wisconsin, USA

Found, 1884

Iron **Octahedrite (anom.)****9.5g** Slice, polished surface • 1986 cat • 1957 cat. #383**Haniet-el-Beguel**

Oued Mzab, Ouaregla, Algeria

Found, 1888

Iron **IAB****32.5g** Irregular slice with two polished surfaces • 1986 catalogued • 1957 catalogued #384**Hassi-Jekna**

Oued Mequiden, El Golea, Algeria

Fall, 1890

Iron **IIICD (anom.)****5.5g** End piece with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 6.25g #385**Hedjaz**

Et-Tlahi, Al Hedjaz, Saudi Arabia

Fall, 1910

Stone **L3.7-6****24.19g** Fragment with trace of fusion crust • 2001 mag. suscept. measured • 1986 cat. • 1957 catalogued #386**17.22g** Flake shaped fragment • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued #387**Henbury (?)**

Northern Territory, Australia

Found, 1931

Iron **IIIAB****20g** Irregular iron fragment, with old label "Henley" and modern label "Henbury": King's bag says 'Labeled "Henley" from Leonard'. Not listed in any previous catalogs under either name #388**Heredia**

San José, Costa Rica

Fell, 1857 April 1

Stone **H5****5.26g** Fragment with partial fusion crust • 2001 mag. suscept. measured • 1986 cat. • 1957 cat. #389
*1986 has typo year of fall as 1875***Hermitage Plains**County Canbelego, New South Wales,
Australia

Found, 1909

Stone **L6****498.8g** Fragment with two sawn surfaces • 1996 Heliumand bead density measurements • 1986 catalogued •
1957 catalogued #390**Hessle**

Uppsala, Svealand, Sweden

Fell, 1869 January 1

Stone **H5****64.21g** Individual stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #391**10.2g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #392**Hex River Mountains**

Cape Province, South Africa

Found, 1882

Iron **IIAB****90g** Polished slice • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #393**12g** Triangular slab heated on corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #394**6g** Slab polished on one side • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #395**Holbrook**

Navajo County, Arizona, USA

Fell, 1912 July 19

Stone **L6****329.4g** Stone, 95% fusion crust • 1992 to Bonino for cosmogenic radioactivity measure • 1986 cat. • 1957 cat. separately from others (see note in #397) #396**147.5g** Whole stone; small bits of fusion crust missing from corners • 1986 cat. • 1957 catalogued #397
*Twenty pieces summing to 650g, including #397, are noted in the 1957 catalog, but the 1986 catalog lists fifty pieces plus a thin section, for a total mass of 1066.6g. The origin of the extra 416.6g, or even which pieces they represent, is unclear.***77.07g** Whole stone with bits of pink (desert?) on fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued #398**53.33g** Irregular fragment with 30% fusion crust • 2001 mag. susceptibility measured • 1986 catalogued #399**49.2g** Whole stone with part of fusion crust chipped off • 2001 mag. susceptibility measured • 1986 cat. #400**40.07g** Whole stone • 2001 magnetic susceptibility measured • 1986 catalogued #401**34.33g** Irregular whole stone • 2001 magnetic susceptibility measured • 1986 catalogued #402**33.51g** Irregular whole stone; one corner of fusion crust is chipped away • 2001 magnetic susceptibility measured • 1986 catalogued #403**27g** Irregular whole stone • 2001 magnetic susceptibility

- measured • 1986 catalogued #405
24.5g Irregular whole stone • 1986 catalogued #406
23.9g Whole stone, fusion crust chipped from corner • 1986 catalogued #407
21.12g Whole stone • 2001 magnetic susceptibility measured • 1986 catalogued #408
20.5g Four stones, of mass 8.8, 6.2, 4.2, 1.3 g, originally bagged together; each stone is now individually bagged, but kept in same record number location • 1986 catalogued • 1957 catalogued • 1912 donated as a group by de Mauroy (in 1913 catalog) #409
18.03g Whole stone • 2001 magnetic susceptibility measured • 1986 catalogued #410
14.6g Fragment, 30% fusion crust • 1986 cat. #412
9.25g Six individual stones for total 9.25g mass • 1986 catalogued #413
9.22g Whole stone • 2001 magnetic susceptibility measured • 1986 lists as 9.5g #414
9.03g Whole stone • 2001 magnetic susceptibility measured • 1986 catalogued #415
8.31g Three stones in old vial; label in vial gives masses as “4.15, 3.5, and 0.5 = 8.25 gr” • 2001 mag. susceptibility measured • 1986 catalogued as 8.2g #416
8.25g Three individual stones • 1986 catalogued #417
7.7g Eleven individual stones • 1986 catalogued #418
7.23g Whole stone • 2001 magnetic susceptibility measured • 1986 catalogued #419
7.1g Whole stone • 1986 catalogued #420
6.8g Whole stone • 1986 catalogued #421
5.6g Whole stone • 1986 catalogued #422
5.5g Piece of stone, 60% fusion crust • 1986 cat. #423
5.4g Whole stone, small bits of fusion crust missing • 1986 catalogued #424
4.7g Part of whole stone, 50% fusion crust • 1986 catalogued #425
4.7g Fragment with 50% fusion crust • 1993 found in inventory (Part of missing 14g piece?) #426
4.5g Irregular whole stone • 1986 catalogued #427
4.5g Sawn stone, 50% fusion crust • 1986 cat. #428
3.7g Broken stone, 60% fusion crust • 1986 cat. #429
3.5g • 1993 found in inventory (part of missing 14g piece?) #430
3.0g Fragment, 2.5 g, plus 0.5g piece of fusion crust in old vial with new label • 1993 found in inventory (part of missing 14g piece?) #431
Thin section • 1986 catalogued #432

Homestead

Iowa County, Iowa, USA
 Fell, 1875 February 12
 Stone **L5**

- 1090.4g** Fragment with 60% fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #433
583.6g Individual stone with 80% fusion crust • 1997 Dec-March 1998 On Display, Naples (IDIS) • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued #434

- 262g** Fragment with 40% fusion crust • 1996 Helium and bead density measurements • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #435
29.51g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #436
13.88g Fragment with 30% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #437
5g Polished slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection? #439
4.6g Fragment with one sawn surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection? #440
0.6g Fragment • 1998 Chipped from #433 #1094

Honolulu

Oahu, Hawaii, USA
 Fell, 1825 September 27
 Stone **L5**

- 100.49g** Irregular piece with partial fusion crust • 2001 mag. suscept. measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #441
2g Many small fragments, some with fusion crust, totaling 2g • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #442

Hvittis

Abo, Turku, Finland
 Fell, 1901 October 21
 Stone **EL6**

- 51.1g** Fragment with two sawn surfaces, one polished • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #443

Ilimaes (pallasite)

Taltal, Atacama, Chile
 Found, 1874
 Stony-iron **Pallasite**
paired with Imilac

- 31.5g** Slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #445
0.8g Several olivine crystals, including a 0.3g crystal originally catalogued separately as #447 • 1986 catalogued • 1957 catalogued • 1909 catalogue of the de Mauroy collection lists 0.3g crystal #446

Illinois Gulch

Powell County, Montana, USA
 Found, 1899
 Iron **Ni-rich Ataxite (anom.)**

- 88g** Slice with one etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #448

Imilac

Atacama Desert, Atacama, Chile

Found, 1822

Stony-iron **Pallasite***paired with Ilimaes (pallasite)***153g** Irregular fragment, weathered • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #449**16.9g** Fragment • 1998 Found during inventory • 1986 not catalogued • 1957 does appear in catalog • 1909 catalogued in de Mauroy collection #1095**16g** A dozen highly weathered fragments in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #450**5g** Approximately a dozen broken, highly weathered fragments • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #451**Indarch**

Shusha, Nagorno-Karabakh, Azerbaijan

Fell, 1891 April 7

Stone **EH4****2.34g** Fragment in plastic box • 2001 magnetic susceptibility measured • 1986 catalogued as 2g • 1970 piece from original 5.6g sent in April to Vienna (Malissa, Hecht, Kiesl) for analysis • 1957 original 6.1g piece loaned to Duchesne, Liège; 1967 5.6g returned • 1957 catalogued as 6g • 1909 catalogued in de Mauroy collection as *Indarsh*, 6.1g #452**Indian Valley**

Floyd County, Virginia, USA

Found, 1887

Iron **IIAB****576.9g** Slice with one polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued #453**Indio Rico**

Coronel Pringles district, Buenos Aires province, Argentina

Found, 1887

Stone **H6****1.1g** Weathered fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #454**Ivanpah**

San Bernardino County, California, USA

Found, 1880

Iron **IIIAB****3g** Three fragments totaling 3g • 1986 catalogued • 1957 catalogued as 2g • 1909 catalogued in de Mauroy collection as 2g #455**Jamestown**

Stutsman County, North Dakota, USA

Found, 1885

Iron **IVA****51g** Slice with one etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #456**Jelica**

Serbia, Yugoslavia

Fell, 1889 December 1

Stone **LL6****129.04g** Fragment, 6.5 x 4 x 3.5 cm, 50% fusion crust, with obvious large clasts, beginning to weather • 2001 magnetic susceptibility measured • 1986 catalogued as 130g • 1957 catalogued as 130g • 1909 catalogued in de Mauroy collection as 132g #457**12.32g** Fragment, 2.4 x 2.2 x 2 cm, with 40% fusion crust, small inclusions • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 Loaned to M. Duchesne, Liège; 1967 returned • 1957 catalogued • 1909 catalogued in de Mauroy collection #458**0.25g** Fragment in capsule in vial • 1986 catalogued • 1957 Loaned to M. Duchesne, Liège; 1967 returned • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #459**Thin section** • 1986 catalogued #460**Jenny's Creek**

Wayne County, West Virginia, USA

Found, 1883

Iron **IAB****3g** Small fragments in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #461**Jhung**

Lyallpur dist., Punjab, Pakistan

Fell, 1873 June

Stone **L5****0.5g** Fragment with one sawn surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Jhung Kot Diwan* #462**Joe Wright Mountain**

Independence County, Arkansas, USA

Found, 1884

Iron **IIIAB****78g** Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #463**2.5g** Square prism with one side polished and etched • 1986 catalogued • 1957 not catalogued • 1905 donated by de Mauroy (in 1913 catalog) #464**1.5g** Fragments of oxide in vial • 1986 catalogued • 1957 catalogued #465

Jonzac

Charente Maritime, France

Fell, 1819 June 13

Stone **Eucrite**

31.6g Irregular piece with fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #466

5.68g Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #467

Julesburg

Sedgwick County, Colorado, USA

Found, 1983

Stone **L3.6**

55.85g Slab • 2001 magnetic susceptibility measured • 1998 Acquired by trade from Monnig (TCU) #1080

Juncal

Atacama, Chile

Found, 1866

Iron **IIIAB**

24g End piece with polished and etched surface • 1986 catalogued • 1957 catalogued #468

Juvinas

Libonnès, Entraigues, Ardeche, France

Fell, 1821 June 15

Stone **Eucrite**

212.5g Partially fusion crusted irregular piece • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #469

70.38g Irregular piece • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #470

32g Irregular piece partially fusion crusted • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #471

16g Irregular piece partially fusion crusted • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #473

5.5g Fragment with one polished surface • 2000 magnetic remanence measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #474

4.9g Irregular piece partially fusion crusted • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #475

0.2g Powder in foil • 1998 leftover powder as thin section made from 3g piece • 1986 original 3.05g piece catalogued • 1957 original piece cat. • 1909 3.09g piece catalogued in de Mauroy collection #1073

Thin section • 1998 Thin section made at the BNHM; coated and photographed #1069

Kaba

Debreczen, Hungary

Fell, 1857 April 15

Stone **CV3**

0.3g Two tiny glass vials with powder and fragments • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as two sets of fragments, 0.21g and 0.07g #477

Kansada see Ness County**Karakol**

Ayagus, Semipalatinsk, Kazakhstan

Fell, 1840 May 9

Stone **LL6**

0.5g Fragments in vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #478

Kendall County

Texas, USA

Found, 1887

Iron **Hexahedrite (anom.)**

82g Slice with polished surfaces • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #479

32g Nearly rectangular slab with one polished surface, heated on corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #480

7g Nearly rectangular slab • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #481

Kendleton

Fort Bend County, Texas, USA

Fell, 1939 May 2

Stone **L4**

120.08g Fragment with painted label M32.23 32U • 2001 magnetic susceptibility measured • 1998 Acquired in trade from Monnig collection #1083

Kenton County

Kentucky, USA

Found, 1889

Iron **IIIAB***a.k.a. Williamstown*

1080g Slice with one etched surface (including name) • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 1082g #482

128g Slice with polished and etched surface • 1986 catalogued as *Williamstown*, 127g • 1957 catalogued as *Williamstown*, 128g • 1909 catalogued in de Mauroy collection as *Williamstown*, 128g #1028

59g Irregular fragment with three sawn sides • 1993 Found in inventory • 1986 *not* in catalog • 1957 total mass for meteorite given in catalog implies this piece present • 1909 cat. in de Mauroy collection #483

- 36g** Nearly rectangular slab with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #484
- 34g** Irregular fragment • 1986 catalogued • 1957 catalogued #485
- 20g** Rusted slice • 1986 cat. • 1957 catalogued #486
- 12g** Nearly triangular prism with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #487
- 7.5g** Oxidized fragments • 1986 catalogued • 1957 catalogued #488
- 5g** Approx. a dozen fragments in vial • 1986 catalogued • 1957 catalogued #490
- 4g** Oxidized slab • 1986 cat. • 1957 catalogued #491
- 2.9g** Slabs and fragments in vial • 1986 catalogued #492
- 2g** Bag of very oxidized fragments • 1998 Found during inventory #1096
- 0.3g** Powder and fragments in vial • 1986 cat. #493
- The total mass present is within 10g of the mass catalogued in 1909 but in smaller pieces today*

Kerilis

Mâel Pestivien, Callac, Cotes-du-Nord,
France

Fell, 1874 November 26
Stone **H5**

- 47.28g** Slab with fusion crust on edge • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #494

Kermichel

Vannes, Morbihan, France
Found, 1911
Stone **L6**

- 427.2g** End piece with partial fusion crust; fits together with #1076, #1077, #1078 • 1996 Helium and bead density measures • 1986 catalogued • 1957 catalogued #496
- 61.14g** Slab with one roughly sawn surface; fits together with #1077, #1078, and a 3.4g piece (former #1079, since traded) to make piece once called #497, all originally cut from #496 • 2001 magnetic susceptibility measured • 1997 Broken from a 220g piece #1076
- 37.5g** Slab with one roughly sawn surface; fits together with #1076, #1078, and a 3.4g piece (see above) • 1997 Broken from a 220g piece #1077
- 5.7g** Slab with one roughly sawn surface; fits together with #1076, #1077, and a 3.4g piece (see #1076) • 1997 Broken from a 220g piece #1078
- 1.9g** Fragment • 1999 Sliced at BNHM from 3.4g piece during sectioning • 1986 catalogued as 3.4g (originally #498, different from #1079) • 1957 catalogued as 3.4g • 1905 donated by de Mauroy (in 1913 catalog as 3.4g) #1124
- 0.6g** Fragment in glass vial • 1999 Sliced from 3.4g piece during sectioning #1125
- Thin Section** • 1999 made at BNHM #1119

Kernouvé

Morbihan, France
Fell, 1869 May 22
Stone **H6**

- 29.55g** Wedge-shaped fragment with 30% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #499
- 24g** Irregular fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #500

Kesen

Iwate, Honshu, Japan
Fell, 1850 June 13
Stone **H4**

- 185g** Fragment with 50% fusion crust • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #502
- 184g** Fragment with 50% fusion crust • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #503
- 1986, 1957 catalogues list day of fall as June 12*

Kilbourn

Columbia County, Wisconsin, USA
Fell, 1911 June 16
Stone **H5**

- 18.39g** Slab with fusion crust on edge • 2001 mag. suscept. measured • 1986 cat. • 1957 cat. #504

Kingston

Sierra County, New Mexico, USA
Found, 1891
Iron **Octahedrite (anom.)**

- 274g** Slice with one etched surface • 1986 catalogued • 1957 catalogued #505

Kissij

Chistopol, Kazan, Tatarskaya Republic,
Russia
Found, 1899
Stone **H5**

- 385g** Weathered piece with some weathered fusion crust • 1986 catalogued • 1957 catalogued as 400g • 1909 catalogued in de Mauroy collection as 402g #506

Klein-Wenden

Nordhausen, Thüringen, Germany
Fell, 1843 September 16
Stone **H6**

- 1.5g** Two fragments in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued (year of fall incorrectly given as 1943) • 1957 catalogued • 1909 catalogued in de Mauroy collection as two fragments #507

Knyahinya

Nagybereszna, Ungvár, Ukraine

Fell, 1866 June 9

Stone **L5**

- 491.4g** End piece with 70% fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #508
- 60.44g** Fusion crusted piece with polished surface • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #509
- 45.4g** Fusion crusted piece with polished surface • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #510
- 27g** Complete fusion crusted stone • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #511
- 9.4g** Irregular fragment • 1999 Sliced from 12g piece during sectioning at BNHM • 1986 catalogued as 12g • 1957 catalogued as 12g • 1905 donated by de Mauroy (in 1913 catalog as 12g) #1126
- 9g** Complete fusion crusted stone • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #514
- 1.4g** Fragment in glass vial • 1999 Sliced from 12g piece during sectioning #1127
- Thin Section** • 1999 Sectioned at BNHM #1116

Kodaikanal

Palni Hills, Madura district, Tamil Nadu, India

Found, 1898

Iron **IIE**

- 102g** Slab with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #515
- 22g** Nearly rectangular piece with one polished and etched surface • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as 25.9g? #516

Kokomo

Howard County, Indiana, USA

Found, 1862

Iron **IVB**

- 2.8g** Thin long rectangular prism with four polished surfaces • 1986 catalogued • 1957 catalogued #517

Krasnojarsk

Yeniseisk, Krasnoyarsk Territory, Russia

Found, 1749

Stony-iron **Pallasite**

- 108.3g** Highly irregular fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #518

- 54g** Highly irregular fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 75g? #519
- 13g** Very irregular spongy piece with many olivines lost • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #520

Kyushu

Kagoshima-ken, Ooguchi-shi, Kyushu, Japan

Fell, 1886 October 26

Stone **L6**

- 42.23g** Triangular shaped fragment, 4 x 3 x 2.5 cm, 25% fusion crust, visible weathering • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Oynchimura* #521
- 0.68g** Fragment in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Oynchimura* #522

L'Aigle

Orne, France

Fell, 1803 April 26

Stone **L6**

- 215g** Fragment with 40% fusion crust • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #523
- 51.55g** Irregular fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #524
- 48.37g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #525
- 23.92g** Fragment with 10% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 26.5g #526
- 9.5g** Small individual stone with 75% fusion crust in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #528

La Bécasse

Dun le Pöelier, Indre, France

Fell, 1879 January 31

Stone **L6**

- 10.4g** Irregular fragment, 4.5 x 2 x 1 cm, with 10% fusion crust, one sawn surface, several gray spherical inclusions 2 mm diameter on sawn side • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #530
- 3.8g** Fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #531
- 0.46g** Fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #532

La Caille

Grasse, Alpes Maritimes, France

Found, 1828

Iron **Octahedrite (anom.)**

28.5g Piece with three orthogonal surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued as *Caille* in de Mauroy collection #533

La Grange

Oldham County, Kentucky, USA

Found, 1860

Iron **IVA**

23.5g Nearly rectangular slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #534

La Lande

De Baca County, New Mexico, USA

Found, 1933

Stone **L5**

6.71g Slab • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1950 donated by Thomas Olieszkowicz, Detroit #535

Laborel

Drome, France

Fell, 1871 June 14

Stone **H5**

181g Tabular individual stone with 90% fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #536

0.87g Fragment in a bottle • 2001 magnetic susceptibility measured • 1986 catalogued as 1.2g • 1965 loaned to Duchesne; 1967 returned • 1957 catalogued as part of another piece #538

Lakewood

Eddy County, New Mexico, USA

Found, 1955

Stone **L6**

26.71g Cracked slab, two sawn surfaces • 2001 magnetic susceptibility measured • 1986 catalogued • 1970 acquired from Kiesl #539
1986 catalog incorrectly gives year of fall as 1966

Lancé

Vendôme, Loir-et-Cher, France

Fell, 1872 July 23

Stone **CO3.4**

7.58g Fragment, 3 x 2 x 1 cm, with many sub-mm round white inclusions; partially weathered • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Authon* #540

0.25g Fragment • 1999 (permanent) loan to Menchetti for analysis • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #541
Thin Section • 1986 catalogued #542

Lançon

Bouches du Rhône, France

Fell, 1897 June 20

Stone **H6**

1095.4g Lightly weathered fragment, 50% fusion crust • 1992 to Bonino for cosmogenic radionuclide measurements • 1986 catalogued as 1143g • 1957 cat. • 1909 catalogued in de Mauroy collection #543

276g Irregular piece with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #544

22.22g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #546

1.3g Fragment with sawn surface in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #548

1g Irregular piece with partial fusion crust • 1986 catalogued • 1957 catalogued (as part of another piece?) #549

Le Pressoir

Indre-et-Loire, France

Fell, 1845 January 25

Stone **L6**

13.2g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #550

Le Teilleul

Manche, France

Fell, 1845 June 14

Stone **Howardite**

5.18g Irregular fragment 3.4 x 1.5 x 1 cm, with 15% fusion crust, lots of small inclusions (black and dark green), little weathering • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #551

Leedey

Dewey County, Oklahoma, USA

Fell, 1943 November 25

Stone **L6**

22.38g Fragment with 30% fusion crust • 2001 magnetic susceptibility measured • 1998 Acquired in trade from Monnig Collection (TCU) #1081

Lénárto

Bardejov dist., Presov region, Slovakia

Found, 1814

Iron **IIIA****48g** Somewhat oxidized square slab • 1986 catalogued • 1957 catalogued #552**9.5g** Oxidized, discolored (heated?) slab in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 9.1g #553**Les Ormes**

Yonne, France

Fell, 1857 October 1

Stone **L6****Thin section** • 1986 catalogued #554*1966 catalog incorrectly gives date of fall as October 4***Lesves**

Namur, Belgium

Fell, 1896 April 13

Stone **L6****4.57g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #555**Lexington County**

South Carolina, USA

Found, 1880

Iron **IAB****48.5g** Slice with rust surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 47.8g #556**2g** End piece with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #557**Limerick**

County Limerick, Ireland

Fell, 1813 September 10

Stone **H5****33.62g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #558**13.66g** Irregular fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #559**0.2g** Fragment in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #560**Lion River see Gibeon****Lissa**

Bunzlau, Stredocesky Region, Bohemia,

Czech Republic

Fell, 1808 September 3

Stone **L6****28.82g** Irregular fragment with old, glued-on, paper label • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #561**20.9g** Fragment with 40% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #562**5g** Irregular fragment • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #563**Little Piney**

Pulaski County, Missouri, USA

Fell, 1839 February 13

Stone **L5****0.6g** Fragment in a vial, in a vial • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #564**Lixna**

Dvinsk, Daugavpils, Latvia

Fell, 1820 July 12

Stone **H4****0.6g** Fragments in a vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #565**Llano del Inca see Vaca Muerta****Long Island**

Phillips County, Kansas, USA

Found, 1891

Stone **L6****76.62g** Weathered fragment with polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #566**50.5g** Fragment with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #567**41.11g** Irregular fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #568**1g** Three fragments in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #569**Los Angeles**

Los Angeles County, California, USA

Found, 1999

Stone **Shergottite****3.6g** Small roughly rectangular piece • 2000 magnetic remanence measured, including ultrasonic cleaning in alcohol • 2000 received in trade #1170

Losttown

Cherokee County, Georgia, USA

Found, 1868

Iron **IID**

83g End piece with two sawn surfaces • 1986 catalogued
• 1957 catalogued as 87g • 1909 catalogued in de
Mauroy collection as 84g #570

2g Oxidized fragments • 1986 catalogued • 1905
donated by de Mauroy (in 1913 catalog) #571

Luis Lopez

Socorro County, New Mexico, USA

Found, 1896

Iron **IIIAB**

20.5g Polished slice • 1986 cat. • 1957 catalogued •
1909 catalogued in de Mauroy collection #572

Lumpkin

Stewart County, Georgia, USA

Fell, 1869 October 6

Stone **H6**

0.75g Nearly triangular slab • 1986 cat. • 1957 cat. •
1909 catalogued in de Mauroy collection #573

Trace elements suggest classification as L not H

Lundsgård

Ljungby, Skåne, Sweden

Fell, 1889 April 3

Stone **L6**

17.4g Irregular fragment with partial fusion crust • 2001
magnetic susceptibility measured • 1997 Bulk density
(bead) measurement • 1995 Bulk density (sugar)
measurement • 1986 cat. • 1957 cat. • 1909 cata-
logued in de Mauroy collection as *Lundsgarden* #574

Luponnas

Ain, France

Fell, 1753 September 7

Stone **H3-5**

3.2g Irregular fragment with partial fusion crust • 1986
catalogued • 1957 catalogued • 1909 catalogued in de
Mauroy collection #575

Thin section • 1986 catalogued #576

Macáu

Rio Grande do Norte, Brazil

Fell, 1836 November 11

Stone **H5**

5.4g Five fragments in three vials • 2001 magnetic
susceptibility of 1.6g piece measured • 1986 cata-
logued • 1957 catalogued as 5.4g • 1909 fragments of
1.7g, 1.6g, 0.8g, and 0.8g catalogued in de Mauroy
collection as *Macao* • 1905 0.5g fragment donated by
de Mauroy (in 1913 catalog) #577

Madoc

Hastings County, Ontario, Canada

Found, 1854

Iron **IIIAB**

25g Slice with half of one surface etched • 1986
catalogued • 1957 catalogued • 1909 catalogued in de
Mauroy collection #578

Magura

Arva, Tatry, Slovakia

Found, 1840

Iron **IAB**

102g Piece with four sawn sides • 1986 catalogued •
1957 catalogued • 1909 catalogued as *Arva* in de
Mauroy collection #579

52g End piece with four polished and etched surfaces •
1986 catalogued • 1957 catalogued • 1909 catalogued
as *Arva* in de Mauroy collection #580

27g Slice • 1986 catalogued • 1957 catalogued • 1909
catalogued as *Arva* in de Mauroy collection #581

19g Oxidized fragments • 1986 catalogued • 1957
catalogued • 1905 donated by de Mauroy (in 1913
catalog? listed at 12 g) #582

Mainz

Rheinland-Pfalz, Germany

Found, 1852

Stone **L6**

16.39g Irregular fragment with partial fusion crust and
one polished surface • 2001 magnetic susceptibility
measured • 1986 catalogued • 1957 catalogued • 1909
catalogued in de Mauroy collection as *Mayence* #583

Manbhoom

Purulia, West Bengal, India

Fell, 1863 December 22

Stone **LL6**

2.5g Fragment with fusion crust, in same vial as #585 •
2001 magnetic susceptibility measured • 1986
catalogued • 1957 original 3.2g piece loaned to
Duchesne, Liège; 1967 returned • 1957 catalogued as
"Mambhoom" (typo), 3.2g (with #585?) • 1909
catalogued in de Mauroy collection as 3.22g #584

0.5g In same vial as #584 • 2001 magnetic susceptibility
measured • 1986 catalogued • 1957 catalogued as part
of #584? #585

Mangwendi

Mashonaland, Zimbabwe

Fell, 1934 March 7

Stone **LL6**

92.2g Fragment with sawn surface • 1996 Helium and
bead density measurements • 1986 catalogued • 1963
obtained from British Museum #586

0.5g Fragments in plastic vial • 1986 catalogued #587

Manjemoy 1957 misprint for Nanjemoy**Mantos Blancos**

Atacama, Chile

Found, 1876

Iron **IVA**

8g End piece with two sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #588

Marion (Iowa)

Linn County, Iowa, USA

Fell, 1847 February 25

Stone **L6**

30.37g Fragment with 20% fusion crust and sawn surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #589

4g Irregular fragment • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #590

Marjalahti

Viipuri, Karelian Republic, Russia

Fell, 1902 June 13(?)

Stony-iron **Pallasite**

29g Highly irregular fragment • 1986 catalogued as 29g • 1957 catalogued probably as 61g piece • 1909 catalogued in de Mauroy collection as 61g? #591
 1986 catalog gives date of fall as June 1. Grady catalog does not list a date of fall. Original handwritten tag from "Universitetets Mineralkabinett, Helsingfors" says "fallen / juni 1902" but the "/" could easily be mistaken for a "1". A later tag by de Mauroy says "tombee le 13 Juin 1902." His 1909 catalog reports "15 juin, 1902"

Marmande

Lot-et-Garonne, France

Fell, 1848 June 4

Stone **L5**

24.88g Fragment with spots of oxidation • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Montignac (Marmande)* #592

Marshall County

Marshall County, Kentucky, USA

Found, 1860

Iron **IIIAB**

17g Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued #593

Mascombes

Corrèze, France

Fell, 1836 January 31

Stone **L6**

3.89g End piece with two orthogonal cuts • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #594

Mässing

Eggenfelden, Bayern, Germany

Fell, 1803 December 13

Stone **Howardite**

0.25g Powder in vial, in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #595

Mauerkirchen

Ober-österreich, Austria

Fell, 1768 November 20

Stone **L6**

2.27g Fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #596

Mayfield

Sumner County, Kansas, USA

Found, 1972

Stone **H5**

19.13g Dark slab; one side irregularly cut • 2001 magnetic susceptibility measured • 1998 made from 24g piece during sectioning at BNHM • 1970 original 24g piece received in trade from Kiesl #1062
2.5g Thin (few mm thick) slab from sectioning • 1998 made from 24g piece during sectioning #1063
Thin Section Weathered • 1998 made at BMNH #1064
Rubin classifies as H4

McKinney

Collin County, Texas, USA

Found, 1870

Stone **L4**

5680g Fragment with 35% fusion crust, one polished surface • 1986 catalogued • 1957 catalogued • 1909 half of 11.7 kg piece catalogued in de Mauroy collection? #598
384.3g Tabular fragment with small polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #599
368.6g Fragment with small polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #600

- 141.2g** Slab • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #601
- 95.35g** Irregular fragment • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #602
- 35.28g** Fragment with polished surface • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as 37.5g #603
- 2g** Two small chips in glass bottle • 1986 catalogued • 1957 catalogued probably with other piece #605
- 1g** Miscellaneous small chips in gelatin capsule • 1986 catalogued • 1965 loaned to Duchesne; 1967 returned • 1957 catalogued probably with other piece #606
- Thin section** • 1986 catalogued #607

Medanitos

- Tinogasta dept., Catamarca, Argentina
Fell, 1953 July 14
Stone **Eucrite**
see note in appendix
- 6.11g** Main mass. One completely fusion crusted individual stone • 1986 catalogued as 7g • 1957 catalogued as 6g • 1954 donated by J. Bussolini SJ (discoverer), San Liguél Obs., Argentina #608

Menow

- Fürstenburg, Brandenburg, Germany
Fell, 1862 October 7
Stone **H4**
- 28.92g** Tabular fragment with polished surface • 2001 magnetic susceptibility measured • 1986 catalogued (year of fall incorrectly given as 1962) • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Klein Menow* #609

Merceditas

- Chañaral, Atacama, Chile
Found, 1884
Iron **IIIAB**
- 51.5g** Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #610
- 5.5g** Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #611

Mern

- Praestö, Sorestrøm, Seeland, Denmark
Fell, 1878 August 29
Stone **L6**
- 14.33g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #612

Mező-Madaras

- Harghita, Transylvania, Romania
Fell, 1852 September 4
Stone **L3.7**
- 38.62g** Rectangular polished fragment with 40% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #613
- 29.64g** Individual stone with small polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #614

Mighei

- Olviopol, Kherson, Mykolaii Province, Ukraine
Fell, 1889 June 18
Stone **CM2**
- 1.8g** Fragment with one sawn surface • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #616
- 1.5g** Approximately a dozen small fragments and dust, in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #617
- 0.32g** Small stone • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #619

Minas Gerais

- Minas Gerais, Brazil
Found, 1888
Stone **L6**
- 2.94g** Fragment with small piece of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #621

Mincy

- Taney County, Missouri, USA
Found, 1857
Stony-iron **Mesosiderite**
- 410.1g** Irregular slice with one polished surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #622
- 74.5g** Slab with one polished surface • 1996 Helium and bead density measurements • 1986 cat. • 1957 cat. • 1905 donated by de Mauroy (in 1913 catalog) #623
- 25g** Slab with one polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #624
- 13g** Slab with one polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #625
- 4g** Described in 1986 catalog as “Olivine (?) fragment”; now four fragments, cut from same piece of greenish crystal • 1957 catalogued with other piece? • 1909 catalogued in de Mauroy collection as “péridot” #626

Misshof

Courland, Dobeles, Latvia
Fell, 1890 April 10
Stone **H5**

7.27g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #627

Misteca

Oaxaca, Mexico
Found, 1804
Iron **IAB**

51g Slice with one side polished and etched • 1986 catalogued • 1957 catalogued #628

10g Rectangular slab polished and etched on one side, heated on rough edge • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 19g? #629

8.5g Nearly rectangular slab with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #630

Mócs

Cluj, Transylvania, Romania
Fell, 1882 February 3
Stone **L6**

101.14g One half fusion crusted stone with 70% fusion crust • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #631

99.93g Fusion crusted stone with partial saw cut • 2001 magnetic suscept. measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #632

92.4g Complete stone, 90% fusion crust • 1996 Helium and bead density measurements • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #633

73.81g Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #634

65.69g Fragment, 75% fusion crust • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #635

54.89g Fragment, 70% fusion crust, fresh break • 2001 magnetic suscept. measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #636

36.19g Stone with 90% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #637

25.40g Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 30g? #639

22.38g Fragment with 40% fusion crust, one sawn side • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 25g? #640

Modoc (1905)

Scott County, Kansas, USA
Fell, 1905 September 2
Stone **L6**

1.1g Fragments in a vial • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #641

Molina

Murcia, Spain
Fell, 1858 December 24
Stone **H5**

4.77g Fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #642

3g Fragment in vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #643

Molog 1986 misprint for Molong**Molong**

County Ashburnham, New South Wales,
Australia
Found, 1912
Stony-iron **Pallasite**

4g Irregular fragment, with one olivine crystal • 1986 catalogued • 1957 catalogued • 1950 donated by Thomas Olieszkowicz, Detroit #644

Monroe

Cabarrus County, North Carolina, USA
Fell, 1849 October 31
Stone **H4**

37.69g Fragment with two orthogonal polished surfaces • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #645

26.54g Irregular fragment with small amount of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #646

18g Irregular fragment with small amount of fusion crust • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #647
1986 has typo for date of fall as October 13

Monte Milone

Macerata, Le Marche, Italy
Fell, 1846 May 8
Stone **L5**

8.5g Fragment in old vial with old label • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #648

Montlivault

Loir-et-Cher, France

Fell, 1838 July 22

Stone L6

4.53g Two fragments, one with sawn surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 2.35g and 2.15g #649

Monze

Southern province, Zambia

Fell, 1950 October 5

Stone L6

165g Fusion crusted individual stone; 20% broken surface • 1992 to Bonino for cosmogenic radionuclide measurements • 1986 catalogued • 1963 obtained from British Museum #650

Mooranoppin see Youndegin**Mooresfort**

County Tipperary, Ireland

Fell, 1810 August

Stone H5

0.4g Fragment in vial, in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #652

Morristown

Hamblen County, Tennessee, USA

Found, 1887

Stony-iron Mesosiderite

893.5g End piece with one cut surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #653

235.8g Slab • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #654

189.2g Irregular slab • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #655

28g End piece with one cut surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #656

1.5g Five fragments • 1986 catalogued • 1957 catalogued probably with other pieces #657

Mount Dyrning

Singleton district, County Durham, New South Wales, Australia

Found, 1903

Stony-iron Pallasite

2.95g Irregular fragment, no olivines, in vial • 1986

catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #658

Mount Edith

Ashburton district, Western Australia, Australia

Found, 1913

Iron IIIAB

1540g Polished and etched slab with large troilite inclusion • 1986 Incorrect mass of 1598g given in catalog • 1957 catalogued as 1540g #659

Mount Joy

Adams County, Pennsylvania, USA

Found, 1887

Iron IIAB

783g Rectangular slice oxidized on one side • 1986 catalogued as 783g • 1957 catalogued as 777g • 1909 catalogued in de Mauroy collection as 777g #660

30.5g Irregular slab, one side cut not polished; old paper label glued to uncut side • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #661

6.8g Three cut pieces • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #662

Mount Stirling see Youndegin**Mount Vernon**

Christian County, Kentucky, USA

Fell, 1868

Stony-iron Pallasite

10g Fragment in vial • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as 10.8g #665

Mukerop see Gibeon**Mundrabilla**

Nullarbor Plain, Western Australia, Australia

Found, 1911

Iron III CD (anom.)

4029g Rectangular slice • 1986 catalogued • 1974 donated by P. Ramdohr, Max-Planck-Institut, Heidelberg #666

Now paired with Premier Downs, found in 1911; main mass found in 1966, which is date given in 1986 cat.

Mungindi

Benarba County, New South Wales, Australia

Found, 1897

Iron IIC

1043g Slice with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #667

20g Rectangular slab with one polished and etched side
 • 1986 catalogued • 1957 catalogued • 1905 donated
 by de Mauroy (in 1913 catalog) #668

Murfreesboro

Rutherford County, Tennessee, USA
 Found, 1847
 Iron **IIIAB (anom.)**

6g Slice with one polished and etched surface • 1986
 catalogued • 1957 catalogued • 1909 catalogued in de
 Mauroy collection #669

Murphy

Cherokee County, North Carolina, USA
 Found, 1899
 Iron **IIAB**

730g Slice with one polished and etched surface • 1986
 catalogued • 1957 catalogued • 1909 catalogued in de
 Mauroy collection #670

19g Piece with four sawn surfaces • 1986 cat. • 1957
 loaned to M. Duchesne, Liège; 1967 returned • 1957
 cat. • 1909 catalogued in de Mauroy collection #671

18g Piece with five sawn surfaces • 1986 cat. • 1957 cat.
 • 1905 donated by de Mauroy (in 1913 catalog) #672

Murray

Calloway County, Kentucky, USA
 Fell, 1950 September 20
 Stone **CM2**

3.11g Fragment, 3 x 2.5 x 1.5 cm; white crystals along
 one crack • 2001 magnetic susceptibility measured •
 1986 catalogued • 1967 donated by O. L. Smith,
 Nashville, TN #673

Grady lists state as Texas, but lat/long of Kentucky

N'Goureyima

Djenne, Ke Macina, Mali
 Fell, 1900 June 15
 Iron **Anomalous**

17g End piece with sawn and polished surface • 1986
 catalogued • 1957 catalogued • 1909 catalogued in de
 Mauroy collection #674

Nakhla

Abu Hommos, Alexandria, Egypt
 Fell, 1911 June 28
 Stone **Nakhlite**

152.32g Fragment with 60% fusion crust • 2001
 magnetic susceptibility measured • 1996 Helium and
 bead density measurements • 1986 catalogued • 1974
 8g (probably a separate piece, now lost) taken by W.
 Kiesel, Vienna • 1957 catalogued as "2 pieces, 51g and
 12g" presumably meaning 151g and a now-lost
 second piece of unknown origin • 1912 154g donated
 by John Ball, Geological Survey of Cairo, as *El*
Nakhla el Baharia #675

Nanjemoy

Charles County, Maryland, USA
 Fell, 1825 February 10
 Stone **H6**

0.6g Fragments in a glass vial • 1986 cat. • 1957
 catalogued as "Manjemoy", alphabetized correctly as
 Nanjemoy • 1909 cat. in de Mauroy collection #676

Nantan

Guangxi, Yaozhai, Nantan County, China
 Found, 1958
 Iron **IIICD**

8.2g Irregular fragment • 1999 A freebie that came with
 an Italian astronomy book! #1163

Nejed *see* Wabar

Nelson County

Nelson County, Kentucky, USA
 Found, 1856
 Iron **IIIF**

179g End piece with polished and etched surface • 1986
 catalogued • 1957 catalogued • 1909 catalogued in de
 Mauroy collection #680

38g End piece with four sawn surfaces • 1986 cata-
 logued • 1957 catalogued • 1909 catalogued in de
 Mauroy collection #681

34g Slab with one heated corner • 1986 cat. • 1957 cat. •
 1909 catalogued in de Mauroy collection #682

0.8g Fragment in vial • 1986 cat. • 1957 catalogued •
 1905 donated by de Mauroy (in 1913 catalog) #683

Nerft

Courland, Liepajas, Latvia
 Fell, 1864 April 12
 Stone **L6**

39.28g Fragment with 50% fusion crust • 2001 magnetic
 susceptibility measured • 1986 catalogued as 36g •
 1957 catalogued as 39g • 1909 catalogued in de
 Mauroy collection as 39g #684

5g Fragment with 10% fusion crust • 1986 catalogued •
 1957 catalogued • 1905 donated by de Mauroy (in
 1913 catalog) #685

Ness County (1894)

Ness County, Kansas, USA
 Found, 1894
 Stone **L6**
a.k.a. Kansada

697.3g Complete angular fusion crusted stone • 1996
 Helium and bead density measurements • 1986
 catalogued • 1957 catalogued • 1909 catalogued in de
 Mauroy collection #686

118.0g Irregular fragment with two orthogonal sawn
 surfaces • 2001 magnetic susceptibility measured •

1986 cat. • 1957 cat. as *Kansada* • 1909 catalogued in de Mauroy collection as *Kansada*, 122g #687
31.47g Slab with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued as *Kansada* • 1909 catalogued in de Mauroy collection as *Kansada* #688
29g End piece with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #689
5.1g Fragment • 1999 Sliced at BNHM from 6g piece during thin sectioning • 1986 catalogued as 6g • 1957 catalogued as 6g • 1905 donated by de Mauroy (in 1913 catalog as 6g) #1123
Thin Section • 1999 Sectioned, BNHM #1118

Netschaëvo

Kaluga, Kaluzhsk Province, Russia

Found, 1846

Iron **IIE (anom.)**

4g Sawn piece of oxide • 1986 catalogued as 4g • 1957 catalogued as 7g • 1909 catalogued in de Mauroy collection as 7g #693

New Concord

Muskingum County, Ohio, USA

Fell, 1860 May 1

Stone **L6**

259g Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #694

63g Irregular fragment with old paper label glued on • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #695

0.5g Fragment in a vial • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #696

Niagara

Grand Forks County, North Dakota, USA

Found, 1879

Iron **IAB**

8.5g Very rusty piece with cut surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #698

Nocoleche

Wanaaring, County Ularara, New South Wales, Australia

Found, 1895

Iron **IC (anom.)**

46g Slice with one etched surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #699

Nogoyá

Nogoyá dept., Entre Rios, Argentina

Fell, 1879 June 30

Stone **CM2**

2.2g Irregular fragment with sawn surface, somewhat weathered, some (not many) irregular white inclu-

sions <1 mm • 1998 Cut from 4.9g piece for thin sectioning BNHM • 1997 a 4.9g piece measured in glass beads for bulk density • 1986 4.9g catalogued • 1958 a 5.4g piece loaned to Duchesne, Liège; 1968 4.9g returned • 1957 5.4g catalogued • 1909 5.4g catalogued in de Mauroy collection as *Nagaya* #1054

0.6g Irregular end piece, somewhat weathered, some (not many) irregular white inclusions <1 mm • 1998 Cut from 4.9g piece for thin sectioning BNHM • 1997 Measured in beads for bulk density #1055

Thin section • 1998 Sectioned at BNHM from 4.9g piece • 1997 Measured in glass beads for bulk density #1056

Novo-Urei

Karamzinka, Mordova Republic, Russia

Fell, 1886 September 4

Stone **Ureilite**

1.9g Fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #701

Nulles

Catalonia, Spain

Fell, 1851 November 5

Stone **H6**

6.91g Fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #702

Oakley (stone)

Logan County, Kansas, USA

Found, 1895

Stone **H6**

117g Slab with one polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #703

Ochansk

Perm Province, Russia

Fell, 1887 August 30

Stone **H4**

1026.3g Fragment with partial fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Tabory (Ochansk)* #704

209.7g Fragment with partial fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Tabory (Ochansk)* #705

183.6g Fragment • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #706

4.73g Fragment with one sawn surface, in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Tabory (Ochansk)* #707

3.42g Fragment with 20% fusion crust; fusion crust

- thickness visible • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as *Tabory (Ochansk)* #708
1.23g Two fragments plus dust in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as two fragments, *Tabory (Ochansk)* #709
0.5g Three small fragments: one is in an old glass vial, others in gelatin capsules • 1986 *not* catalogued; two fragments in capsules may be originally part of #708, but vial is clearly very old #710

Odessa (iron)

Ector County, Texas, USA

Found, 1922

Iron **IAB**

- 480.6g** Weathered fragment • 1996 Helium and bead density measurements • 1986 cat. • 1957 donated by Hugh H. Howard, Eastern Met. Investigations #711
91.1g Slab with one etched surface • 1996 Helium and bead density measurements • 1986 cat. • 1969 Gift of Rich Perkin, Fordham, via Antonio Stefanizzi SJ#712

Oesel

Saaremaa, Estonia

Fell, 1855 May 11

Stone **L6**

- 22.12g** Fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #713
0.5g Fragment in vial • 1986 catalogued • 1909 catalogued in de Mauroy collection #714

Ohaba

Alba Iulia, Transylvania, Romania

Fell, 1857 October 11

Stone **H5**

- 0.5g** Fragments in a glass vial • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #715

Olivenza

Badajoz, Spain

Fell, 1924 June 19

Stone **LL5**

- 245.4g** Irregular fragment with 30% fusion crust and deep regmaglypts • 1992 to Bonino for cosmogenic radioactivity measurements • 1986 catalogued • 1957 catalogued #716

Orange River (iron)

Orange River district, Orange Free State, South Africa

Found, 1855

Iron **IIIAB**

- 26g** Slab with one polished and etched surface • 1986 catalogued • 1957 catalogued #717

Orgueil

Montauban, Tarn-et-Garonne, France

Fell, 1864 May 14

Stone **CI1**

- 47.2g** Large fragment in glass bottle with many smaller pieces • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued as 60g • 1909 catalogued in de Mauroy collection as 60g #718
14g Many small stones and powder, in old glass bottle packed with cotton, sealed with aluminum foil and paper • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #719
6.2g A dozen stones, plus powder, in old glass vial stoppered with aluminum foil around cork • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #720
2g Powder in vial; mass is only approximate • 1998 Remainder of 5g piece made into mounted section at BNHM • 1986 catalogued as 5g • 1957 catalogued as 5g • 1909 original piece catalogued in de Mauroy collection as 6.5g? #1070
1g Powder in glass vial • 1999 Loaned to Strazzulla for spectrum, possible irradiation study • 1986 catalogued • 1957 catalogued #722
0.5g Powder in vial; mass approximate. Mixed in with resin • 1998 Remainder of 5g piece made into mounted section at BNHM #1071
0.5g Mounted and polished in resin; coated for SEM work • 1998 made into mounted section at BNHM from 5g piece #1072

Ornans

Doubs, France

Fell, 1868 July 11

Stone **CO3.3**

- 25.26g** Thick slab with trace of fusion crust in glass vial • 2001 magnetic susceptibility measured • 2000 27.3g piece to Brucato, Capodimonte Observatory (Naples) for spectra; 25.2g returned • 1997 Bulk density (bead) measurement • 1986 catalogued as 27g • 1957 catalogued • 1909 catalogued in the de Mauroy collection #723

Oroville

Butte County, California, USA

Found, 1893

Iron **IIIAB**

- 7g** Irregular slab • 1986 catalogued; identity in some doubt, as bag labeled (by King) says: "Oroville"? 7.0 + 2.5 g' (the 2.5g piece is now #725) • 1957 catalogued as 9g • 1909 catalogued in de Mauroy collection as 9.5g #724
2.5g Triangular slice • 1986 catalogued; identity apparently questioned by King (see #724 description) • 1957 catalogued #725

Orvinio

Rieti, Lazio, Italy

Fell, 1872 August 31

Stone **H6**

- 382g** Irregular fragment with partial fusion crust • 1999 Density measured with beads • Nov. 1997-Jan 1998, on display Roma Termini, U Padova show (Calvani) • 1986 catalogued • 1957 catalogued #726
- 212.3g** Piece with two orthogonal sawn surfaces • 1992 to Bonino for cosmogenic rad • 1986 catalogued • 1957 catalogued #727
- 47g** Weathered fragment • 1999 density measured with beads • 1993 misfiled as Bath Furnace (see Appendix) • 1986 catalogued • 1957 catalogued • 1913 catalogued as 49.7g (donated by de Mauroy?) #728

Oscuro Mountains

Socorro County, New Mexico, USA

Found, 1895

Iron **IAB**

- 7.5g** Slice with one polished and etched surface and heated on one corner • 1986 catalogued • 1957 catalogued #729
- 7g** Slice with one polished and etched surface and heated on one corner • 1986 catalogued • 1957 catalogued #730
- The de Mauroy 1909 catalog lists one piece, 13.7g*

Pacula

Jacala, Hidalgo, Mexico

Fell, 1881 June 18

Stone **L6**

- 2.5g** Fragment in vial with #732 • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued with 1.8g piece as 4.3g • 1909 catalogued in de Mauroy collection as separate stone #731
- 1.8g** Fragment in vial with #731 • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued with 2.5g piece as 4.3g • 1909 catalogued in de Mauroy collection as separate stone #732

Parnallee

Madura dist., Tamil Nadu, India

Fell, 1857 February 28

Stone **LL3.6**

- 88.33g** Irregular fragment with trace of fusion crust and one sawn surface • 2001 magnetic susceptibility measured • 1996 Helium and bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #733
- 5.62g** Fragment with 30% fusion crust in vial • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #734
- 3.85g** Irregular fragment with partial fusion crust • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #735

- 2g** Irregular fragment with one sawn surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #736

Pavlodar (pallasite)Semipalatinsk, Pavlodar region,
Kazakhstan

Found, 1885

Stony-iron **Pallasite**

- 125g** End piece with two sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Pawlodar* #737

Pavlograd

Dnepropetrovsk Province, Ukraine

Fell, 1826 May 19

Stone **L6**

- 40.51g** Fragment with traces of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Paulograd* #738

Pavlovka

Balashov, Saratov Province, Russia

Fell, 1882 August 2

Stone **Howardite**

- 12.17g** Irregular piece with partial fusion crust in old display box with old label • 2001 magnetic susceptibility measured • 1998 Cut from 14g piece during thin sectioning at BNHM • 1986 catalogued as 14g • 1957 catalogued as 14g • 1909 catalogued in de Mauroy collection as 14.1g #1048
- 2.5g** Irregular piece with partial fusion crust • 1999 to Molin (Padua) for lithification studies • 1998 Cut from 14g piece during sectioning at BNHM #1049
- Thin section** • 1999 lithification study, Padova • 1998 sectioned at BNHM #1050

Peekskill

Westchester County, New York, USA

Fell, 1992 October 9

Stone **H6**

- 31.87g** Slab with brown and gray marbelling • 2001 magnetic susceptibility measured • 1999 obtained in trade with Todd Johnson, Aurora IL #1165

Peña Blanca Spring

Marathon, Brewster County, Texas, USA

Fell, 1946 August 2

Stone **Aubrite**

- 30.57g** Fragment with one cut and polished side • 2001 magnetic susceptibility measured • 1999 obtained in trade from Monnig collection #1128
- 1.7g** Three fragments and dust in glass vial • 2000 cut from Monnig piece for thin sectioning #1179
- Thin Section** • 2000 sectioned at British NHM #1175

Petersburg

Lincoln County, Tennessee, USA

Fell, 1855 August 5

Stone **Eucrite**

- 1.25g** Slab • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #741

5725g • 1975-1980 identified with *Pirapora* • 1974-1975 loaned to W. Kiesl, Vienna • 1957 cut; 83g piece sent to Schiener, Vienna, for analysis • 1957 catalogued as 6175g • 1917 donated to Specola Vaticana • 1888 a mass of 6175g identified as “Angra dos Reis” with date of real *Angra dos Reis* fall, donated to Pope Leo XIII, given to College of Strada (see appendix) #34

Phû Hong

Binh-Chanh, Vietnam

Fell, 1887 September 22

Stone **H4**

- 3.95g** Fragment with 15% fusion crust • 2001 magnetic susceptibility measured • 1998 Cut from 6.19g piece during thin sectioning at BNHM • 1986 cat. as 6.19g • 1957 catalogued as 6.19g • 1909 6.19g piece catalogued in de Mauroy collection #1044
- 0.5g** Three fragments in two gelatin capsules; larger one has sawn face from sectioning • 1998 Cut from 6.19g piece during thin sectioning at BNHM #1045
- 0.4g** Fragment with sawn face (from sectioning) • 1998 Cut from 6.19g during sectioning at BNHM #1046
- Thin section** Veined; one large fragmented chondrule with relict grains • 1998 Sectioned at BNHM from 6.19g piece #1047

Pirgunje

Dinajpur dist., East Bengal, Bangladesh

Fell, 1882 August 29

Stone **L6**

- 3.79g** Fragment in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection as *Pirgunje* #747

Plainview (1917)

Hale County, Texas, USA

Found, 1917

Stone **H5**

- 229g** Complete fusion crusted stone with small polished corner • 1986 catalogued #748

Pillistfer

Vohma, Viljandi Province, Estonia

Fell, 1863 August 8

Stone **EL6**

- 7.22g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued as 8g • 1909 catalogued in de Mauroy collection as 7.84g #743

Plymouth

Marshall County, Indiana, USA

Found, 1893

Iron **IIIAB**

- 140.5g** Rectangular slab with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #749
- 5g** Rectangular prism with one rough surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #750

Pipe Creek

Bandera County, Texas, USA

Found, 1887

Stone **H6**

- 100g** Sawn end piece • 1986 cat. • 1957 catalogued #744
- 79g** Slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #745
- 24.98g** Slab with sawn edge • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #755
- 2g** Triangular slab • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #746

Pohlitz

Gera, Sachsen, Germany

Fell, 1819 October 13

Stone **L5**

- 0.23g** Single fragment in vial, in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #751

Ponca Creek

Holt County, Nebraska, USA

Found, 1863

Iron **IIAB**

paired with Ainsworth, Central Missouri; see Introduction about date of find

- 43g** Piece with two sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Dakotah* #752

Pirapora

Minas Gerais, Brazil

Found, 1888

Iron **IIAB**

was Angra dos Reis (iron); see appendix

- 5725g** Main mass. Flight ablation markings, one sawn surface • 1986 catalogued as *Angra dos Reis (iron)*,

Prairie Dog Creek

Decatur County, Kansas, USA

Found, 1893

Stone **H3.8**

- 152.7g** Weathered fragment, 5.8 x 4 x 3 cm • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #753
- 1.5g** Fragments in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #754

Pricetown

Highland County, Ohio, USA

Fell, 1893 February 13

Stone **L6**

- 29.93g** Fragment with 30% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #756

Pseudo-Mejillones *see* Vaca Muerta**Pultusk**

Warsaw, Poland

Fell, 1868 January 30

Stone **H5**

- 509.7g** Individual stone with 75% fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 *not* catalogued • 1909 catalogued in de Mauroy collection #757
- 185.8g** Individual stone with 75% fusion crust and slickensides • 1996 Helium and bead density measurements • 1986 catalogued • 1957 *not* catalogued • 1909 catalogued in de Mauroy collection #758
- 101.6g** Fragment with 40% fusion crust • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #759
- 63.3g** Complete fusion crusted stone • 1996 Helium and bead density measurements • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #760
- 19.96g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #761
- 19.76g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #762
- 12.96g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #763
- 9.31g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) • 1909 catalogued in de Mauroy collection #764
- 8.38g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 catalogued • 1957

catalogued • 1909 catalogued in de Mauroy collection as 8.65g #766

- 8.26g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 8.35g #767
- 8.08g** Complete fusion crusted stone; slightly heavier than #768, which it otherwise closely resembles • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 8.28g #770
- 8.06g** Complete fusion crusted stone; roughly square shaped • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 8.18g #769
- 8.05g** Complete fusion crusted stone; oblong shape • 1986 catalogued • 2001 magnetic susceptibility measured • 1957 catalogued • 1909 catalogued in de Mauroy collection as 8.1g #768
- 5.77g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #771
- 4.68g** Complete fusion crusted stone • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #772
- 3.9g** One half fusion crusted stone with sawn surface; in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #773
- 3.4g** Complete fusion crusted stone • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #774
- 3.4g** Fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #775
- 3.2g** Fusion crusted stone in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #776

Puquios

Copiapo, Atacama, Chile

Found, 1885

Iron **IID**

- 18g** Nearly quadrangular slab with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #777

PutingaEncantada district, Rio Grande do Sul,
Brazil

Fell, 1937 August 16

Stone **L6**

- 260.8g** Stone, 6 x 5.5 x 4 cm, with 75% fusion crust, rusty (weathered) surface, dark gray 3 x 4 mm inclusion visible in interior • 1986 cat. • between 1957-1974, 350g acquired from Grunewald #778
- 13.47g** Sawn end piece with 10% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1974 W. Kiesl, Vienna borrowed original 20g piece, returned 13g • between 1957-1974, 350g acquired from Grunewald #780

Putnam County

Georgia, USA

Found, 1839

Iron **IVA**

22g Rusted polished and etched piece with three sawn sides • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 24.8g #781

1.8g Fragments and oxide in vial • 1986 catalogued • 1957 catalogued #782

1.4g Oxidized fragments in vial, originally listed with #782 • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1109

Quenggouk

Bassein district, Myanmar

Fell, 1857 December 27

Stone **H4**

51.28g Fragment • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Quenggouk* #783

Quinçay

Vienne, France

Fall, 1851 Summer

Stone **L6**

29.17g Fragment; apparently main mass • 2001 magnetic susceptibility measured • 1998 made from 34g piece for thin sectioning at BNHM • 1986 catalogued as 34g • 1957 catalogued as 34g • 1909 original stone catalogued in de Mauroy collection as 33.1g #1059

1.1g Slab • 1998 made from 34g piece for thin sectioning at BNHM #1060

Thin section • 1998 sectioned, BNHM #1061

Raco

Tafi dept., Tucuman, Argentina

Fell, 1957 November 17

Stone **H5**

0.5g Four fragments • 1986 catalogued • 1961 obtained from Giacomelli #785

Rafrüti

Emmenthal, Canton Bern, Switzerland

Found, 1886

Iron **Anomalous**

0.3g Shavings • 1986 cat. • 1957 catalogued #786

Rakovka

Tula, Orlovsk Province, Russia

Fell, 1878 November 20

Stone **L6**

15.21g Fragment with two orthogonal sawn surfaces • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Rakowka* #787

0.38g Fragments • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #788

Rancho de la Pila (1882)

Durango, Mexico

Found, 1882

Iron **IIIAB**

29g Wedge-shaped slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #789

Red River

Texas, USA

Found, 1808

Iron **IIIAB**

32g Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued as *Cross Timbers*, 24.8g in de Mauroy collection? #790

3.7g End piece with sawn surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #791

Renazzo

Ferrara, Emilia-Romagna, Italy

Fell, 1824 January 15

Stone **CR2**

12.15g Fragment, 3 x 2.5 x 2.5 cm, with tiny cracks, a few rust spots, and many 1-2 mm white inclusions • 2001 magnetic susceptibility measured • 2000 14g to Brucato, Capodimonte Observatory (Naples) for spectra; 12.15g returned • 1986 catalogued as 14g • 1957 cat. • 1909 cat. in de Mauroy collection #792

Rhine Villa

County Sturt, South Australia, Australia

Found, 1900

Iron **IIIE**

67g End piece with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #793

Richardton

Stark County, North Dakota, USA

Fell, 1918 June 30

Stone **H5**

6.68g Fragment with 40% fusion crust, label M84.4 • 2001 magnetic susceptibility measured • 1998 Acquired in trade from Monnig collection #1086

Richmond

Chesterfield County, Virginia, USA

Fell, 1828 June 4

Stone **L5**

1.5g Fragments in glass vial • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #794

Rio Negro

Voltagem farm, Parana, Brazil

Fell, 1934 September 21

Stone **L4**

a.k.a. Rio Negra, Pendengo; see appendix

382g Main mass. Fragment with 40% fusion crust; many core holes • 1992 to Bonino for cosmogenic rad.

measures • 1986 cat. • 1966 loaned to Wänke • pre 1940 donated by Rev. C. Adams OFM #795

3g Powder in a vial • 1986 catalogued • 1940 chemical and spectral analysis by Gatterer and Junkes • pre 1940, donated by Rev. C. Adams OFM #796

Roda

Huesca, Aragonia, Spain

Fall, 1871 Spring

Stone **Diogenite**

7.61g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #797

1986 catalog typo gives year as 1817

Rodeo

Durango, Mexico

Found, 1852

Iron **IID**

5.4g Piece with three sawn surfaces, one polished and etched • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #798

Roebourne

Hamersley Range, Western Australia, Australia

Found, 1892

Iron **IIIAB**

596.1g End piece with one cut face • 1999 cut from 808g piece, remainder traded • 1986 catalogued as 808g • 1957 catalogued as 810g • 1909 catalogued in de Mauroy collection as 810g #1120

15g End piece with three sawn surfaces • 1986 catalogued • 1957 catalogued #800

8g Slab • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #801

Rosario

Honduras

Found, 1896

Iron **IAB**

13g Nearly rectangular piece now rusty • 1986 cat. • 1957 cat. • 1909 cat, in de Mauroy collection #802

7.5g End piece with one sawn surface • 1986 cat. • 1957 cat. • 1905 donated by de Mauroy (in 1913 cat.) #803

7g Oxidized fragment • 1986 cat. • 1957 catalogued #804

2g Oxidized fragment, in vial with #803 • 1986 catalogued • 1957 catalogued (with other pieces?) #805

Roy (1933)

Harding County, New Mexico, USA

Found, 1933

Stone **L5**

11.23g Thin slab • 2001 magnetic susceptibility measured • 1986 cat. • 1970 Acquired from Kiesel #806

Ruff's Mountain

Lexington County, South Carolina, USA

Found, 1844

Iron **IIIAB**

14.5g Rectangular wedge-shaped slab with one polished and etched side and heated corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #807

9.5g Rectangular wedge-shaped slab with one polished and etched side, heated on corner, now rusted • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #808

Russel Gulch

Gilpin County, Colorado, USA

Found, 1863

Iron **IIIAB**

71g Rectangular slab with one polished and etched surface • 1986 catalogued • 1957 catalogued #809

Sacramento Mountains

Eddy County, New Mexico, USA

Found, 1890

Iron **IIIAB**

9005g Slice with polished and etched surface • Nov. 1997-Jan. 1998 display, Roma Termini, U Padova • 1996 display, U of Rome Third Campus • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #810

447g Thick slab with large troilite inclusion • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #811

135g Thick rectangular slab • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #813

55g Nearly rectangular thick slab polished and etched on all surfaces • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #814
1986 catalog incorrectly gives year of find as 1896

Saint — see St. —**Saline**

Sheridan County, Kansas, USA

Found, 1901

Stone **H5**

219g Fragment with partial fusion crust and two sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #815

- 30.53g** Thick slab with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #816
- 3g** Fragment with polished surface in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #818
- 1g** Fragment in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 0.7g #819

Salles

Villefranche, Rhône, France
Fell, 1798 March 12
Stone **H6**

- 7.74g** Fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #820
- 0.25g** Fragments • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #821

Salt Lake City

Utah, USA
Found, 1869
Stone **H5**

- 7.04g** Fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #822

Salt River

Bullitt County, Kentucky, USA
Found, 1850
Iron **IIC**

- 11g** Rectangular slab with two polished and etched surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #823

San Angelo

Tom Green County, Texas, USA
Found, 1897
Iron **IIIAB**

- 975g** Slice with etched surface • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #824
- 2.5g** Tetrahedral-shaped end piece with three sawn surfaces • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #825

San Carlos

Monte dist., Buenos Aires province,
Argentina Found, 1942
Stone **H4**

- 3.81g** Chip • 2001 magnetic susceptibility measured • 1986 catalogued incorrectly as 1g • 1961 5g piece acquired from Giacomelli #826

San Emigdio

Kern County, California, USA
Found, 1887
Stone **H4**

- 1g** Two fragments • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as 2 fragments #827

San Francisco del Mezquital

Durango, Mexico
Found, 1868
Iron **IIAB**

- 19.5g** End piece with two sawn surfaces, one polished • 1986 catalogued • 1957 catalogued #828

Sancha Estate *see* Coahuila

Santa Apolonia

Nativitas, Tlaxcala, Mexico
Found, 1872
Iron **IIIAB**

- 85g** Weathered fragment (kept with #1137), no fresh metal • 1986 catalogued • 1957 catalogued with #1137 as one piece, 88g • 1909 catalogued in de Mauroy collection as 86.7g #829
- 1.65g** In same bag as larger fragment • 1999 catalogued separately • 1986 catalogued with larger piece as “two pieces” • 1957 catalogued with larger piece as if just one piece • 1905 small piece alone, donated by de Mauroy (in 1913 catalog) #1137

Santa Catharina

Santa Catarina, Brazil
Found, 1875
Iron **Ni-rich Ataxite**

- 183.2g** End piece with polished and etched surface • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued as 187g • 1909 catalogued in de Mauroy collection as 187g #830
- 131.9g** Fragment completely oxidized • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 133g #831
- 117.8g** Irregular piece of oxide • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #832
- 83.1g** Iron cemented sediment • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #834
- 70g** Irregular fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #835
- 50g** Oxide • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #836

- 49g** End piece with polished and etched surface, mostly metal • 1986 catalogued • 1957 catalogued #837
- 39g** Irregular fragment heated on corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #838
- 26g** Irregular fragment of oxide • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #839
- 15g** End piece with one sawn surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 13g? #840
- 13.7g** Irregular fragment • 1998 catalogued separately • 1986 *not* catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1111
- 3.5g** Irregular fragment of oxide in glass vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #841
- 3.4g** Partially oxidized fragment • 1998 in inventory • 1986 *not* catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection (with #842) as 7.7g? #1112
- 2.8g** Eight small loose chips, mostly oxide • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection (with #1112) as 7.7g? #842
- 0.87g** Fragments in a vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #843
- 0.64g** Fragments in a vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #844
- 0.15g** White powder in a very old glass tube, stoppered at both ends • 1986 *not* catalogued • 1909 cat. in de Mauroy collection as “quartz extract, 0.15g” #1113

Santa Rosa

Tunja, Boyaca, Colombia
Found, 1810
Iron **IC**

- 251g** Rectangular slice • 1986 cat. • 1957 cat. #845

Sao Julião de Moreira

Ponte do Lima, Minho, Portugal
Found, 1883
Iron **IIAB**

- 51g** Completely oxidized fragment • 1986 catalogued as 51g • 1957 catalogued as 59g • 1909 catalogued in de Mauroy collection as 59g #846
- 30g** Rusted end piece in tube • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #847
- 8g** Rust fragments, powder • 1986 cat. • 1957 cat. #848
- 6.5g** Rusted fragments in tube • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #849
- 1g** Loose fragments in a vial • 1998 found in inventory • 1986 *not* catalogued #1114

Saratov

Donguz, Penza, Saratov Province, Russia
Fell, 1918 September 6
Stone **L4**

- 89.94g** Friable fragment • 2001 magnetic susceptibility measured • 1998 acquired in trade from Monnig collection (TCU) #1082

Sarepta

Volgograd Province, Russia
Found, 1854
Iron **IAB**

- 8g** Chiseled fragment, stored in vial with #851 • 1986 catalogued • 1957 *not* catalogued • 1905 donated by de Mauroy (in 1913 catalogued) #850
- 4.5g** Triangular shaped slice with two polished surfaces, one etched, stored in vial with #850 • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #851

Sauguis

St. Étienne, Basses-Pyrénées, France
Fell, 1868 September 7
Stone **L6**

- 1.2g** Fragment in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #852
- 0.5g** Fragment in glass vial • 1986 catalogued • 1909 catalogued in the de Mauroy collection #853

Savtschenskoje

Tiraspol, Odessa Province, Ukraine
Fell, 1894 July 27
Stone **LL4**

- 14.87g** Tabular fragment, two 4 mm metallic inclusions, trace of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the Marquis de Mauroy collection as *Savtschenskoje* #854
- 0.75g** Single fragment in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Savtschenskoje* #855
- 0.4g** Fragments in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #856

Say al Uhaymir 005

Libya
Found, 1999
Stone **Shergottite**

- 19.5g** Irregular piece with sawn surfaces • 2000 magnetic susceptibility, remanent magnetization measured by Rochette • 2000 acquired in trade #1169
- 0.1g** Irregular grain and pieces in capsule • 2001 taken from #1169 for thin sectioning #1183
- Thin Section** • 2001 sectioned at British NHM #1184

Schönenberg

Pfaffenhausen, Bayern, Germany
Fell, 1846 December 25
Stone **L6**

- 14.3g** Fragment with 50% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #857

Schwetz

Kwidzyn, Poland

Found, 1850

Iron **IIIAB**

22.5g End piece with three sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 23.2g #858

Scottsville

Allen County, Kentucky, USA

Found, 1867

Iron **IIAB**

489.4g End piece with polished surface and large inclusion • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #859

Searsmont

Waldo County, Maine, USA

Fell, 1871 May 21

Stone **H5**

1.85g Fragment in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #860

Seeläsgen

Swiebus, Zielona Gora, Poland

Found, 1847

Iron **IIICD**

71.5g Slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #861

15g Irregular elongated piece with one polished and etched surface in a vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #862

7g Fragment • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #863

Segowlie

Bettiah, Champaran district, Bihar, India

Fell, 1853 March 4

Stone **L6**

12.89g Slab with one sawn edge • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #864

Seres

Macedonia, Greece

Fell, 1818 June

Stone **H4**

0.7g Tiny fragments and powder • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #865

Sevrukovo

Belgorod Province, Russia

Fell, 1874 May 11

Stone **L5**

19.73g Fragment with two sawn surfaces and small surface polished • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #866

Thin section The label says "Koursk, Sevrukowo, Russia, 12 Mai 1874"; Koursk is a pseudonym for both Botschetschki and Sevrukovo, but the former fell in 1823 • 1986 catalogued as Botschetschki #867

Shalka

Bishnupur, Bankura district, West Bengal, India

Fell, 1850 November 30

Stone **Diogenite**

18.32g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #868

2.6g Fragment in a vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #869

Shelburne

Grey County, Ontario, Canada

Fell, 1904 August 13

Stone **L5**

327.6g Fragment with 5% fusion crust; large crack give the appearance of two pieces cemented together • 1992 to Bonino for cosmogenic radiation measurements • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #870

67.28g Fragment, 5.5 x 3.5 x 2 cm, with 30% fusion crust, one sawn and polished surface; some rusty spots, one obvious crack • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #871

13.3g Fragment, 4 x 3 x 1 cm, with 10% fusion crust, some rusty patches, small cracks, large metal grains • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #873

Shergotty

Gaya, Bihar, India

Fell, 1865 August 25

Stone **Shergottite**

0.59g Many tiny fragments • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #874

Thin section • 1986 catalogued #875

Shingle Springs

El Dorado County, California, USA

Found, 1869

Iron **Ni-rich Ataxite (anom.)****12.5g** Rectangular slice with one polished surface • 1986 catalogued • 1957 catalogued #876**Siena**

Tuscany, Italy

Fell, 1794 June 16

Stone **LL5****0.55g** Fragments with partial fusion crust and one sawn surface • 1986 catalogued • 1957 catalogued #877**Thin section** • 1986 catalogued #878**Sikhote-Alin**Maritime Territory, Eastern Siberia,
Russia

Fell, 1947 February 12

Iron **IIAB****17.5g** Small irregular complete piece • 1994 donated by Valentin Tsvetkov, Astron. Society of Russia #1115**Silver Crown**

Laramie County, Wyoming, USA

Found, 1887

Iron **IAB****48.5g** Slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #879**Sindhri**Khipro taluq, Sanghar district, Sind,
Pakistan

Fell, 1901 June 10

Stone **H5****2.75g** One large oxidized fragment, two smaller (sub-gram) pieces, in vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #880**Siratik**

Bambouk, Mali

Found, 1716

Iron **IIAB****18.5g** Sawn end piece • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #881**Sitathali**

Raipur dist., Madhya Pradesh, India

Fell, 1875 March 4

Stone **H5****1.4g** Sawn fragment in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957

catalogued • 1909 catalogued in de Mauroy collection #882

Ski

Akershuus, Oslo, Norway

Fell, 1848 December 27

Stone **L6****0.5g** Fragment in glass vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #883**Smith's Mountain**Rockingham County, North Carolina,
USA

Found, 1863

Iron **IIIAB****40g** Slice with polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #884**Smithville**

De Kalb County, Tennessee, USA

Found, 1840

Iron **IAB****104g** Piece with badly oxidized surface • 1986 catalogued • 1957 catalogued as 106g • 1909 catalogued in de Mauroy collection as 106g #885**3g** Oxidized debris in tube • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #886**Soko-Banja**

Aleksinac, Serbia, Yugoslavia

Fell, 1877 October 13

Stone **LL4****26.94g** Fragment with two orthogonal sawn surfaces. (fusion crust?), little weathering • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #887**9.68g** Fragment, 2.9 x 2.5 x 1.6cm, with 10-20% fusion crust; heavily cracked; spots of rust. Small round inclusion and other darker gray inclusions • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #888**3g** Fragment in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #889**Thin section** • 1986 catalogued #890**St. Caprais-de-Quinsac**

Gironde, France

Fell, 1883 January 28

Stone **L6****4.55g** Irregular fragment with trace of fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #891

St. Christophe-la-Chartreuse

Roche-Serviere, Vendée, France

Fell, 1841 November 5

Stone **L6**

38.46g Fragment with partial fusion crust and one sawn surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #892

0.35g Two fragments • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #893

St. Denis Westrem

Ghent, Belgium

Fell, 1855 June 7

Stone **L6**

2.73g Partially fusion crusted fragment in glass vial • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #894

0.3g Partially fusion crusted fragment in glass vial • 1998 cut from 1.11g piece during thin sectioning at BNHM • 1986 catalogued as 1.11g • 1957 catalogued as 1.11g • 1909 original 1.11g piece catalogued in de Mauroy collection #1057

Thin Section Weathered around metal grains; poorly defined chondrule boundaries • 1998 sectioned at BNHM from 1.11g piece #1058

St. Francois County

Missouri, USA

Found, 1863

Iron **IC**

20g Five sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #896

St. Genevieve County

Missouri, USA

Found, 1888

Iron **IIIF**

430g Rectangular piece with two polished surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #897

25g Prismatic piece with oxidized surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #898

1.35g Wedge-shaped sawn piece • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #899

St. Germain-du-Pinel

Vitré, Ille-et-Vilaine, France

Fell, 1890 July 4

Stone **H6**

27.04g Slab • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #900

St. Mesmin

Aube, France

Fell, 1866 May 30

Stone **LL6**

51.86g Sawn piece with fusion crust and obvious clasts • 2001 magnetic susceptibility measured • 1986 catalogued as 53g • 1957 catalogued • 1909 catalogued in de Mauroy collection #901

1.4g Fragment with sawn surface in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #902

St. Michel

Mikkeli, Finland

Fell, 1910 July 12

Stone **L6**

38.42g Fragment with 10% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #904

32.15g Fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #905

Ställdalen

Nya Kopparberg, Örebro, Svealand, Sweden

Fell, 1876 June 28

Stone **H5**

9.99g Badly oxidized fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #906

Stannern

Iglau, Jihomoravsky Region, Moravia, Czech Republic

Fell, 1808 May 22

Stone **Eucrite**

18.3g Fragment with 10% fusion crust and one sawn surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #907

14.83g Fragment with 5% fusion crust and one crudely sawn surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #908

3.1g Fragment with fusion crust in glass vial • 1986 catalogued with #1110 • 1957 catalogued • 1909 catalogued in de Mauroy collection as 5.5g? #910

3.1g Fragment with fusion crust in glass vial • 1986 catalogued with #910 • 1957 catalogued • 1909 catalogued in de Mauroy collection #1110

Staunton

Augusta County, Virginia, USA

Found, 1869

Iron **III E**

- 195g** Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #911
- 35g** Slice with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #912
- 1986 catalog gives date of find as 1858. Masses from 1858 are now classified separately by Grady as "Augusta County." The original tag from the mineral dealer James Gregory, London, gives find date of 1869 (though the later de Mauroy tag says 1858)*

Steinbach

Erzgebirge, Sachsen, Germany

Found, 1724

Iron **IV A (anom.)**

- 40.1g** Nearly rectangular slab with abundant silicate (pyroxene?) crystals • 1996 bead density measurements • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Rittersgrünn* #913
- 3.3g** Oxidized fragment in vial • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #914
- 0.9g** Fragment and powder in vial • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #915

Supuhee

Padrauna, Gorakhpur district, Uttar Pradesh, India

Fell, 1865 January 19

Stone **H6**

- 278g** Fusion crusted stone with polished surface • 1986 catalogued • pre 1957 lost, then found, 1963 identified by British Museum #916

Tabor

Jihocesky region, Bohemia, Czech Rep.

Fell, 1753 July 3

Stone **H5**

- 6.19g** Rectangular fragment with one sawn surface • 2001 magnetic susceptibility measured • 1986 cat. • 1957 cat. • 1909 cat. in de Mauroy collection #917

Tadjera

Sétif, Constantine, Algeria

Fell, 1867 June 9

Stone **L5**

- 31.15g** End piece with polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #918

Tajgha see Toubil River**Tamarugal**

Iquique, Tarapaca, Chile

Found, 1903

Iron **III AB**

- 8336g** Slice with polished surface • 1986 catalogued • 1957 catalogued as 8360g • 1909 catalogued in de Mauroy collection as *El Inca*, 8360g #919
- 716g** Slice with five sawn surfaces, one etched • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *El Inca*, 717g #920
- 182g** Slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection as *El Inca*, 178g #921

Tamentit

Tuat, Tademait, Algeria

Found, 1864

Iron **III AB**

- 576.8g** Fragment with two surfaces polished • Dec. 1997-March 1998, on display, Naples (IDIS) • 1996 Helium and bead density measurements • 1986 catalogued • 1957 catalogued #922

Tazewell

Claiborne County, Tennessee, USA

Found, 1853

Iron **III CD**

- 59g** Thick slab with both sides polished and etched • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #923
- 20.1g** Slice with polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 19.6g #924

Tenham

South Gregory, Queensland, Australia

Fell, 1879 Spring

Stone **L6**

- 20.62g** Weathered end piece • 2001 magnetic susceptibility measured • 1999 acquired in trade from Monnig Collection #1132
- 0.1g** Fragment in capsule • 2000 cut from #1132 for thin sectioning #1180
- Thin Section** • 2000 prepared at British NHM #1176

Tennasilm

Põlva Province, Estonia

Fell, 1872 June 28

Stone **L4**

- 56.8g** Fragment with trace fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #925

Thunda

Windorah, County Grey, Queensland,
Australia

Found, 1881

Iron **IIIAB**

54g Slice with polished and etched surface • 1986 catalogued • 1957 catalogued #926
Not in the 1909 de Mauroy catalog, which instead lists two pieces, masses 24.8g and 9.4g

Thurlow

Hastings County, Ontario, Canada

Found, 1888

Iron **IIIAB**

31g Slice with two polished and etched surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #927

Tieschitz

Prostejov, Severomoravsky Region,
Moravia, Czech Republic

Fell, 1878 July 15

Stone **H/L3.6**

Thin section • 1986 catalogued #928

Timochin

Yukhnov, Kaluga, Kaluzhsk Province,
Russia

Fell, 1807 March 25

Stone **H5**

26.82g Weathered fragment with attached old round label "Timochin 44" • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued by de Mauroy as *Timoschin* #929

Tjabé

Padang, Rembang, East Java, Indonesia

Fell, 1869 September 19

Stone **H6**

0.48g Two fragments • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as two fragments #930

Toluca

Xiquipilco, Mexico State, Mexico

Found, 1776

Iron **IAB**

4354g Individual piece with one sawn surface showing two inclusions • 1986 catalogued as 4354g • 1957 catalogued as 4400g • 1909 catalogued in de Mauroy collection as 4400g #931

772g Weathered fragment still containing fresh metal • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 770g #933

719g Individual piece with small polished and etched surface, now rusted • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #934

458g Thick slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #935

447g Complete individual fragment • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #936

383g End piece with one rusty polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #937

223g Fragment with two orthogonal polished and etched surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #938

193g End piece polished and etched, now rusted substantially • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #939

150g Weathered fragment • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #940

111g Fragment with one polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #941

95g End piece with polished surface • 1986 catalogued • 1957 catalogued • *not* catalogued in 1909 de Mauroy collection #942

72g Slab with polished surface • 1986 cat. • 1957 cat. • *not* catalogued in 1909 de Mauroy collection #943

60g Slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #944

40g End piece with polished and etched surface • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #945

36.6g Slab • 1986 catalogued • 1957 catalogued (cut from 4400g piece?) #946

36.4g Fragment with two orthogonal polished and etched surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #947

26g Slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #948

15g Slab • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #949

9.5g Two fragments and oxide dust in vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #950

7.8g Three plate-like oxidized fragments in vial • 1986 catalogued • 1957 catalogued #951

5.6g Six fragments and dust in vial • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #952

2g Many fragments in vial • 1986 cat. • 1957 cat. #953

1.2g Four fragments in vial • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #954

Tombigbee River

Choctaw and Sumter Counties, Alabama,
USA

Found, 1859

Iron **Anomalous**

3849.5g End piece with polished surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #955

3.5g Flake of oxide in small vial with metal bead • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #956

Tomhannock Creek

Rensselaer County, New York, USA

Found, 1863

Stone **H5**

15.54g Nearly square thin slab • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as 15.6g #957

Tonganoxie

Leavenworth County, Kansas, USA

Found, 1886

Iron **IIIAB**

242g Slice with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #958

95.5g Slice with polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #959

11.2g Fragment • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #960

Torino

Torino, Piemonte, Italy

Fell, 1988 May 18

Stone **H6**

(see note in appendix)

107.6g Fresh, partially fusion crusted fragment • 1996 Helium and bead density measurements • 1988 Fall observed by Claudio Casacci; donated by the discoverer #961

94g Fresh, partially fusion crusted fragment • 1996 Helium and bead density measurements • 1988 Fall observed by Claudio Casacci; donated by the discoverer #962

SEM mount Polished and coated • 1998 Tiny fragments (less than 0.1 g) mounted at BNHM #1108

Toubil River

Krasnoyarsk region, Kemorovo Province, Russia

Found, 1891

Iron **IIIAB**

a.k.a. Tajgha

79g Fragment with three cut surfaces, one polished • 1986 catalogued • 1957 catalogued #963

69g Thick slice with one polished surface • 1986 catalogued • 1957 catalogued as Tajgha #964

2g Six tiny fragments in vial • 1993 found in inventory; not in 1986 or 1957 catalogs • 0.25g listed in 1913 catalog as Tajgha, donated by de Mauroy #965

The 1909 de Mauroy collection catalog lists one piece, 96.7g, as Tajgha

Toulouse

Haute Garonne, France

Fell, 1812 April 10

Stone **H6**

34.42g Fragment with 50% fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #966

13.21g Fragment with 30% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 15.95g #967

Tourinnes-la-Grosse

Tirlemont, Belgium

Fell, 1863 December 7

Stone **L6**

45.14g Fragment with 5% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #968

Travis County (a)

Texas, USA

Found, 1889

Stone **H5**

71.8g Slice, 6.5 x 5.1 x 0.8cm, slightly weathered; blackened • 1986 catalogued • 1957 catalogued • pre 1957 acquired in trade from Smithsonian #969

Trenton

Washington County, Wisconsin, USA

Found, 1858

Iron **IIIAB**

57g Slice with one side etched and heated on corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #970

36g Nearly rectangular thin slab with two polished surfaces and one surface half etched, heated on corner • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #971

3g Slab • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #972

Trenzano

Brescia, Lombardy, Italy

Fell, 1856 November 12

Stone **H6**

11.6g Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued #973

3.86g Irregular fragment with 20% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #974

Tucson

Pima County, Arizona, USA

Found, 1850

Iron **Ni-rich Ataxite****40g** Slice with polished surface • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection #975**Tysnes Island**

Hardanger Fjord, Norway

Fell, 1884 May 20

Stone **H4****11.51g** Fragment with sawn surface • 2001 magnetic suscept. measured • 1986 cat. • 1957 catalogued • 1909 catalogued by de Mauroy as *Tysnès* #976**Uberaba**

Dorès dos Campos Formosos, Minas Gerais, Brazil

Fell, 1903 June 29

Stone **H5****89.5g** Fragment, 6 x 4.5 x 1.5cm, 5-10% fusion crust, many rusted blotches; darker gray streak on one side with branching regions • 1986 cat. • 1957 cat. #977**24.72g** Piece with sawn surface and trace fusion crust • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Dorès dos Campos Formosos* #978**0.1g** Fragment in a vial • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #979**Union County**

Georgia, USA

Found, 1853

Iron **IC****2g** Fragments of small rusted slab in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #980**Utrecht**

Blaauw-Kapel, Utrecht, Netherlands

Fell, 1843 June 2

Stone **L6****4.5g** Fragments • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #981**Vaca Muerta**

Taltal, Atacama, Chile

Found, 1861

Stony-iron **Mesosiderite***a.k.a. Doña Inez, Llano del Inca, Pseudo-Mejillones***140g** Fragment • 1986 catalogued • 1957 catalogued as *Doña Inez* • 1909 catalogued in de Mauroy collectionas *Doña Inez* #982**132g** Fragment with old paper label listing mass attached • 1986 catalogued • 1957 catalogued as *Doña Inez* • 1909 catalogued in de Mauroy collection as *Doña Inez* #983**71g** Fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #984**43.5g** Fragment • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #985**42g** Fragment • 1986 catalogued • 1957 catalogued as *Llano del Inca* • 1909 catalogued in de Mauroy collection as *Llano del Inca* #986**34.2g** Irregular fragment • 1986 catalogued • 1957 catalogued as *Llano del Inca?* • 1909 catalogued in de Mauroy collection as *Llano del Inca* #987**34g** Slab • 1986 catalogued • 1957 catalogued as *Llano del Inca* • 1905 donated by de Mauroy (in 1913 catalog) #988**24g** Slab • 1986 catalogued • 1957 catalogued as *Pseudo-Mejillones*, mass 23g #989**20.3g** Slab • 1986 catalogued • 1957 catalogued as *Llano del Inca* • 1909 catalogued in de Mauroy collection as *Llano del Inca*, 20.8g #990**19.2g** Slab • 1986 catalogued • 1957 catalogued as *Doña Inez?* • 1909 catalogued in de Mauroy collection as *Doña Inez*, 20g? #991**19g** Fragment with one sawn side • 1986 catalogued • 1957 catalogued as *Llano del Inca* • 1909 catalogued in de Mauroy collection as *Llano del Inca* #992**16.8g** End piece with one sawn surface • 1986 catalogued • 1957 catalogued as *Doña Inez* • 1905 donated by de Mauroy (in 1913 catalog) #993**15g** End piece with one sawn surface • 1986 catalogued • 1957 catalogued as *Doña Inez?* • 1909 catalogued in de Mauroy collection as *Doña Inez* #994**6.4g** In vial with #996 • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #995**2.5g** In vial with #995 • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #996**Vavilovka**

Kherson Province, Ukraine

Fell, 1876 June 19

Stone **LL6****26.5g** Fragment with 20% fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 loaned to M. Duchesne, Liège; 1967 returned • 1957 catalogued as 28g • 1909 catalogued in de Mauroy collection as 28g #997**0.5g** Small fragment, plus very small fragment in gelatin capsule • 1986 catalogued #998**Vera**

Vera dept., Santa Fe, Argentina

Found, 1941

Stone **L4****2.42g** Chip • 2001 magnetic susceptibility measured • 1986 cat. • 1961 acquired from Giacomelli #999

Veramin

Karand, Teheran, Iran

Fell, 1880 April 18

Stony-iron **Mesosiderite**

- 9g** Irregular fragment • 1986 catalogued as 9g • 1957 catalogued as 18g • 1909 catalogued in de Mauroy collection as 17.9g #1000

Verkhne Udinsk

Transbaikal, Buryatia, Russia

Found, 1854

Iron **IIIAB**

- 50g** Slice with one polished surface, half etched • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as *Werschne-Udinsk* #1001

Vigarano

Ferrara, Emilia-Romagna, Italy

Fell, 1910 January 22

Stone **CV3.3**

- 81.8g** Rectangular slab; fits with 3 gram piece • 1996 Helium and bead density measurements • 1986 catalogued as 86g • 1957 catalogued as 85g #1002
- 20.89g** Nearly triangular slab • 2001 magnetic susceptibility measured • 1998 present • 1993 missing • 1990 loaned to Alecci Mercello? • 1986 catalogued • 1957 catalogued #1003
- 3g** Broken from #1002 • 1999 loaned to Menchetti for analysis • 1993 found broken from 86g piece • 1986 catalogued as part of 86g piece #1004
- Thin section** • 1986 catalogued #1005

Virba

Vidin, Bulgaria

Fell, 1873 June 1

Stone **L6**

- 2.42g** Fragment with sawn surface • 2001 magnetic susceptibility measured • 1998 cut from 4.5g piece during thin sectioning at BNHM • 1986 catalogued as 4.5g • 1957 catalogued as 4.5g #1051
- 1g** Slab in resin • 1998 cut from 4.5g piece during thin sectioning at BNHM #1052
- Thin section** • 1998 sectioned at BNHM from 4.5g piece; name etched on slide as "Vibra" #1053

Vouillé

Poitiers, Vienne, France

Fell, 1831 May 13

Stone **L6**

- 122.9g** Irregular fragment with partial fusion crust • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #1007
- 17.06g** Fragment • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1008

Wabar

Rub'al Khali, Saudi Arabia

Found, 1863

Iron **IIIAB***a.k.a. Nejed*

- 305g** End piece with three sawn surfaces, one etched • 1986 cat. as *Nejed* • 1957 catalogued as *Nejed* • 1909 catalogued in de Mauroy collection as *Nejed* #677
- 120.7g** Quadrangular slice with two polished surfaces, one etched • 1986 catalogued as *Nejed* • 1957 catalogued as *Nejed* • 1909 catalogued in de Mauroy collection as *Nejed* #678
- 7.5g** Slab. Photo in 1913 catalog shows etching which is no longer visible; appears to have been re-polished, not re-etched • 1986 catalogued as *Nejed* • 1957 catalogued as *Nejed* • 1905 donated by de Mauroy (in 1913 catalog as *Nejed*) #679

Waconda

Mitchell County, Kansas, USA

Found, 1873

Stone **L6**

- 156g** Weathered fragment with polished surface, now oxidized • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #1010
- 124.87g** Irregular fragile piece, fits with 27g piece • 2001 magnetic susceptibility measured • 1986 catalogued as 127g • 1957 cat. • 1909 catalogued in de Mauroy collection as 156g (with #1102) #1011
- 27.1g** Irregular fragile piece, fits with 127g piece • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 156g (with #1011) #1012
- 2g** Fragments in a vial • 1986 cat. • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1013

Wairarapa Valley

Wellington, New Zealand

Found, 1863

Stone **H5**

- 1.45g** Fragment with one sawn surface • 2001 magnetic susceptibility measured • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #1014
- 1986 catalog typo has year of find as 1963*

Waldron Ridge

Claiborne County, Tennessee, USA

Found, 1887

Iron **IAB**

- 28g** Slice polished on one side • 1986 catalogued • 1957 cat. • 1909 catalogued in de Mauroy collection #1015
- 7.5g** Slice polished on one side • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1016
- 4.5g** End piece with rusty surfaces and adhering fusion bead • 1986 catalogued • 1957 catalogued #1017

Warrenton

Warren County, Missouri, USA

Fell, 1877 January 3

Stone **CO3.6**

10.80g Irregular fragment, 3 x 2.5 x 1cm, little weathering, tiny metal grains; old label glue (now turned green) on one side • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 10.9g #1018

Welland

Welland County, Ontario, Canada

Found, 1888

Iron **IIIAB**

39g Slab with one sawn edge • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #1019

25g Slab with rough edges • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #1020

Wessely

Hradisch, Jihomoravsky Region, Moravia, Czech Republic

Fell, 1831 September 9

Stone **H5**

0.3g Tiny fragments in glass vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #1021

Weston

Fairfield County, Connecticut, USA

Fell, 1807 December 14

Stone **H4**

74.55g Fragment with trace of fusion crust • 1996 Bulk density (bead) measurement • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #1022

14.85g Fragment • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1023

Wichita County

Wichita County, Texas, USA

Found, 1836

Iron **IIICD**

158g Slice with polished surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in the de Mauroy collection #1024

81g Slice • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #1025

2.8g Slice • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1026

Willamette

Clackamas County, Oregon, USA

Found, 1902

Iron **IIIAB**

15g Slab with one polished and etched surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #1027

Williamstown see Kenton County**Wold Cottage**

Wold Newton, Scarborough, Yorkshire, England

Fell, 1795 December 13

Stone **L6**

0.8g Powder • 1986 cat. • 1957 cat. • 1909 catalogued in de Mauroy collection as fragments #1029

Wooster

Wayne County, Ohio, USA

Found, 1858

Iron **IAB**

1g Rusted nearly square slab • 1986 catalogued • 1957 catalogued as 1.7g • 1909 catalogued in de Mauroy collection as 1.7g #1030

Yatoor

Nellore, Andhra Pradesh, India

Fell, 1852 January 23

Stone **H5**

2.3g Two fragments • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as two fragments, 1.4g and 0.9g #1031

Youndegin

Avon, South West Division, Western

Australia, Australia

Found, 1884

Iron **IAB***a.k.a. Mooranoppin, Mount Stirling*

57g Slab with wedge-shaped side • 1986 cat. as *Mount Stirling* • 1957 catalogued as *Mount Stirling* • 1909 cat. in de Mauroy collection as *Mount Stirling* #663

42g Slice with one polished and etched surface • 1986 catalogued as *Mooranoppin* • 1957 catalogued as *Mooranoppin* • 1909 catalogued in de Mauroy collection as *Mooranoppin* #651

21g Slice with three sawn surfaces • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as 20g #1032

0.75g Two fragments • 1986 catalogued as *Mount Stirling* • 1957 not catalogued • 1905 donated by de Mauroy (in 1913 catalog as *Mount Stirling*) #664

Zaborzika

Zhytomyr Province, Ukraine

Fell, 1818 April 11

Stone L6

- 3.52g** Fragment with one polished surface • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued as 4.3g • 1909 catalogued in de Mauroy collection as 3.5g piece plus 0.8g piece and fragments #1033

Zabrodje

Minsk region, Vitebsk Province, Byelarus

Fell, 1893 September 22

Stone L6

- 2.1g** Fragments in a vial • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection as fragments #1035

Zacatecas (1792)

Zacatecas, Mexico

Found, 1792

Iron Anomalous

- 208.5g** Fragment; one side cut, shows half of an apparent coring • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection as 207g #1036
- 13g** Slab heated on rough surface • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #1037
- 12.8g** Irregular fragment with one polished surface, heated on one side • 1986 cat. • 1957 catalogued • 1909 catalogued in de Mauroy collection #1038
- 9g** Irregular fragment • 1986 catalogued • 1957 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1039

Zavid

Zvornik, Bosnia-Herzegovina

Fell, 1897 August 1

Stone L6

- 68.63g** Fragment with trace of fusion crust and line of old glue • 2001 magnetic susceptibility measured • 1986 catalogued • 1957 catalogued • 1909 catalogued in de Mauroy collection #1040
- 0.1g** Grains in a vial • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1041

Zebrak

Horovice, Stredocesky Region, Bohemia, Czech Republic

Fell, 1824 October 14

Stone H5

- 0.5g** Powder • 1986 catalogued • 1905 donated by de Mauroy (in 1913 catalog) #1043

Missing

The following meteorites appeared in earlier catalogues or inventories, most recently as noted, but are not presently found at the Specola. Most likely they were traded, loaned, or otherwise disposed of quite properly; but our record-keeping of such transactions has been rather spotty over the years.

If you think that you may have one of these samples, please let me know so that we can update our records.

- Agen** 107g • 1957 catalogued
- Alais** 2.35g • 1986 catalogued
- Babb's Mill (Troost's Iron)** 5.95g • 1957 catalogued
- Bishopville** 0.54g • 1957 catalogued
- Brenham** 28g • 1986 catalogued
- Charsonville** 51g • 1957 catalogued
- Dhurmsala** 2.2g • 1957 catalogued
- Dimmitt** 235g • 1957 catalogued
- Gilgoi** 1g • 1986 catalogued
- Holbrook** 14.8g Perhaps broken • 1986 catalogued
- Hvittis** 13g • 1957 catalogued
- Jonzac** 1.15g • 1957 catalogued
- Kenton County** 7g • 1993 inventoried
- Kesen** 296g • 1957 catalogued
- Kissij** 2.45g • 1913 catalogued
- Kodaikanal** 25g • 1957 catalogued
- Krasnojarsk** 22g • 1957 catalogued
- L'Aigle** 2.2g • 1993 inventoried
- Lancé** 4g • 1957 catalogued
- Marjalahti** 61g • 1957 catalogued
- "Mejillones"** 6g (Vaca Muerta?) • 1957 catalogued
- Mező-Madaras** 1.9g • 1986 catalogued
- Mighei** 1g • 1986 catalogued
- Mungindi** 356g • 1957 catalogued as two
- Ness County (1894)** 4g • 1986 catalogued
- New Concord Thin Section** • 1993 inventoried
- Pavlovka** 2g • 1986 catalogued
- Pillistfer** 8.9g • 1968 returned from loan
- Sacramento Mountains** 34g • 1957 catalogued
- St. Mesmin** 0.45g • 1957 catalogued
- St. Mesmin** 0.1g • 1986 catalogued
- Tamarugal** 131g • 1957 catalogued
- Tieschitz** 23g • 1957 catalogued
- Toluca** 1373g • 1986 catalogued
- Tombigbee River** 96g • 1957 catalogued
- Trenton** 243g • 1957 catalogued
- Zaborzika** 0.8g • 1986 catalogued
- Zebrak** 3.1g • 1986 catalogued

Tektites

Bediasite

Texas

3.6g Single piece

Cambodia

43g Twenty six irregular fragments

Hai Nan

China

18.5g Five round pieces

Nalezistë

Bratislava, Slovakia

2.5g Single greenish slab • 1983 donated by Kresák

Phillipines

268.4g Twenty four roughly circular pieces

Southeast Asia

100g Seven teardrop-shaped pieces

Pseudometeorites

The following samples were listed as meteorites in previous catalogues. They are now known to be pseudometeorites.

Botocudos

Minas Geras/ Espiritu Santo, Brazil

Found, pre-1909

Pseudo-Iron

7.1g Slab of iron, now thought to be terrestrial • 1986 bagged and labelled, but not catalogued • 1957 *not* catalogued • 1909 catalogued in de Mauroy collection

Grosslee

Ain, Belley, France

Found, 1827

Pseudo-Iron

39g Two pieces of 31 and 8 g, now known to be artificial • 1986 *not* catalogued • 1957 catalogued as pseudo-meteorite (artificial) • 1909 catalogued in de Mauroy collection #375

Igast

Igast, Latvia

Fell, 1855 May 17

Tektite?

2g Reportedly some material was seen to fall and later analyzed as a Moldavite. Further material found later at the site turned out to be terrestrial, not tektite; this sample is probably the latter (looks like slag) #444

Newstead

Roxburghshire, Scotland

Found, 1827

Pseudo-Iron

6g • 1957 catalogued as pseudometeorite • 1909 catalogued in de Mauroy collection #697

Historical Notes

Many of the meteorites in this collection are main masses or otherwise have interesting histories. The details of five of them are given below:

Agen

From the 1909 catalogue of the Marquis de Mauroy:

The fall of Agen is represented by four samples originating from one block. Its weight was 7.4 kilograms when I bought it in 1898 from the heir of M. Prignières; he had witnessed the fall and collected it himself on his land at Brethon, near Castelmauron. He divided it into several parts and the weights of the four pieces that I have are 4.294 kg, 685g, 532g, and 446g. The first one, which is perfectly unweathered (the same as the others), is the biggest existing sample of this fall, and quite rare. The second one (685g), with its network of gray perfectly developed veins, offers a clear example of a Chantonnite. The third one (532g), on the contrary, does not exhibit gray veins at all, but only black lines of clastic origin, which are apparent, however, only in one part of the stone; it is a typical Aumalite. Finally, the fourth fragment (446g) has the rough shape of a triangular prism: one face is covered by a black crust; another face, without gray veins, is pure Aumanlite; and the third face is a Chantonnite with a nice network of gray veins. These last two regions of different types are sharply separated by an extremely fine cosmic line. So it is clear that the four samples, presenting each a particular interesting aspect, do not duplicate each other but rather complement each other.

(translated from the French by Fr. Sabino Maffeo SJ)

Of the four pieces described, only two (his numbers 2, illustrated on the cover of this catalogue, and 3) remain in the Vatican collection. Number 4, once part of the collection, was traded to Texas Christian University in 1998. There is no record that the largest piece (Number 1) ever was part of the Vatican set. Grady (2000) and the *Metbase* catalogues both credit the Paris Natural History Museum collection with having 9.1 kg, which Grady lists as the largest piece, in contrast to de Mauroy's statement above. As no other collection is known to have even a kilogram of this meteorite, either there is a typo in the Mauroy catalogue and it should read 9.42 kg, or his 4.2 kg piece has since been broken up or lost.

Angra dos Reis (iron)

now catalogued as Pirapora

From the 1957 catalogue of E. W. Salpeter SJ:

One of the best specimens in our collection is a relatively big iron, a whole individuum with an ancient label: "Angra dos Reis, Brasile ... Siderite". Recently we noted that there must be some mistake, because under this name there is known another type of meteorite, and precisely a stone of a special structure called "Angrite". Digging into the history of this strange object, all that could be found

was a short entry in the diary of the then Director of the Specola, Father J. G. Hagen SJ, 1917, Nov. 1, and a detailed reference in the Osservatore Romano, 22 Nov., 1917. There are also given the dimensions (not very correct) and, more important, the exact weight of 6175g, which in itself might suffice for identification of the piece. This "priceless iron" was part of a collection of "Volanti Brasiliani di vario colorito, minerali diversi, e simile varietà", that was sent from Brazil as a donation to Pope Leo XIII on the occasion of his Jubilee in 1888, to form part of an exposition in the Vatican. The Pope afterwards gave this interesting iron to his chief physician who again passed it on to the College of Strada (Prov. Arezzo, Italy), where it was preserved with great care until, in 1917, it was presented again to the Pope, and incorporated in the present Vatican Collection.

It seems certain that it came from Brazil, and fell probably shortly before the collection of exhibits was shipped to Rome, that is at any rate before 1888. What is intriguing is the date of the fall, 20.I.1869 — exactly what is accepted for the other, genuine, Angra dos Reis. Among the known falls of Brazilian meteorites there is none with which the piece can be identified, and so the puzzle remains as to the place and date of the fall, and in the meantime we propose to call it "Pseudo-Angra". It is possible that in Brazil there might be some source of information about this case. The history of this meteorite, when completed, will form the subject of a separate publication.

Since the publication of this note, little more has been learned about the history of *Angra dos Reis* (iron). The "separate publication" promised above was never forthcoming, and no further details about its history are known.

However, in 1954 an iron meteorite was found near Pirapora, Minas Gerais, Brazil. The similarity between the *Pirapora* meteorite and the Vatican iron was noted by V. F. Buchwald in 1975, and a detailed chemical analysis by A. Kracher *et al.* in 1980 confirmed that the two are chemically identical. In order to reduce any further confusion about this meteorite, this new Vatican catalogue now follows the Grady (2000) catalogue in labelling the piece described above as the main mass, the largest and first discovered piece, of *Pirapora*.

One final remark: the date of fall given on the original tag that came with this sample is "... 20.I.1869 — exactly what is accepted for the other, genuine, *Angra dos Reis*," says Salpeter. In fact, however, the standard catalogues do not give a precise date for the fall of the "genuine" *Angra dos Reis*. They merely state that the fall occurred in the latter half of January. This tag might therefore constitute evidence that the "genuine" *Angra dos Reis* itself actually did fall on January 20.

Medanitos

From the 1957 catalogue of E. W. Salpeter SJ:

As the whole mass of this meteorite (i. e. two small pieces) is in our collection, it seems well to give here all the known details of this fall. The specimens have been sent to us by Father A. Yriberry SJ, of the Observatory for Cosmic Physics, San Miguel, Prov. Buenos Aires, Argentina, along with a note from which I take the following:

"The fall was seen at 14h local time, on July 14, 1953, a day with a splendid sun, without clouds, in Medanitos, a small village situated at 2700m above sea level, on a desert-like plateau with very dry sandy ground ("medano" means sandbank, dune) in northern Argentina (27°15' S, 67°30' W).

"The fireball was seen coming horizontally from S to N, apparently almost grazing the mountains, which are in this region over 5000m high.

"It gave out a white, very brilliant, 'sunlike' light, and fell with a zigzag motion, giving out white fumes, and accompanied by thunder. It was seen by the group of persons who were with the finder, Father O. Dreidemie, SJ, and by many people of the village. It was said that dogs and hens became nervous, barked and cackled some moments before the explosion of the bolide.

"Afterwards the present two small pieces were found, but it is impossible to state the exact finding place, because it is a large desert-like region, and there was no hope of finding more of the pieces, because there are always strong winds blowing, and a sort of wandering dunes." — *So far the original report.*

Both specimens are evidently from the same fall. They present a fine, almost completely black, shining crust, a sign that they had not suffered by the inclemency of the weather. One edge was broken, probably by the finder, to see what the inside was like — it was the time of the "flying saucers"...

Work since its discovery notes that this meteorite is mineralogically similar to the cumulate eucrites *Moore County* and *Serra de Magé*, making it scientifically quite interesting.

The 1957 catalog lists two masses, 25g and 6g, and notes that the larger piece was sent to Schiener of the Naturhistorisches Museum, Vienna, for preliminary analysis (though it appears that a proposed thin section was never made). In the early 1960s, this piece then was loaned to Claringbull at the British Museum (Natural History), where eventually Hey was able to make a thin section. In 1965, Anders requested a piece; two years after this request was passed on to Claringbull, the sample was finally put into the hands of Larimer, at that time working with Anders in Chicago.

(The correspondence between Anders and Salpeter remains in the Vatican Observatory archives, and reveals both men to be delightful and witty correspondents; in 1967 Salpeter even came to visit Anders in Chicago. By all accounts, Salpeter was greatly loved by those who knew him. He was also a man of significant accomplishments. Besides his scientific work in spectrochemistry, his letters reveal that he was fluent in German, Italian, English, and Spanish. Several times in the 1950s and 1960s he was asked to translate historical documents relating to meteoritics.)

A typed list of pieces loaned in 1974 to Kiesel, at the University of Vienna, includes a piece of *Medanitos* as *Stückabgeschnitten das Ganze sind 17.5g*, presumably the remainder of the original 25g piece after sectioning. Written in hand next to this is the note *zurück Nov. 1974: 7.9g*. From this it is not clear if only 7.9g was borrowed origi-

nally as a "piece cut from the whole" ("the whole" meaning the 17.5 g piece?) or if the note refers to the 17.5g as "the piece" originally cut from the whole 25g piece, of which only 7.9g of the sample was returned.

In any event, none of this stone (nor a thin section) remains either at the Naturhistorisches Museum, Vienna, or at the Vatican today. On 8th Feb. 1968, a crusted 4.65g fragment of the larger stone was presented by Fr. Salpeter S.J. to the Natural History Museum in London; 4.4 g (plus the thin section mentioned above) remains there today. A fraction of a gram also somehow wound up at the American Museum of Natural History in New York. What is left in our collection is only a whole 6.11g stone, clearly the one originally listed as 6g and not derived from any larger piece.

In the 1986 catalog by Salvatori, Maras, and King, a complete piece is listed (as 7g). A draft of a short article "Inventory of the Vatican Meteorite Collection" by King and Salvatori notes that "this single remaining stone probably constitutes the principal mass now in existence." (It is not clear if this note was ever published. The article by Salvatori, Maras, and King in *Meteoritics* 19, 161-172, 1984, covers much of the same material, but was written independently and did not include this mention.)

However, the *MetBase* catalogue of meteorites listed 8.2g of *Medanitos* in the "E. A. King collection in Houston." After King's death in 1998, his collection was broken up and sold. It included a 8.32g piece of *Medanitos*, which fetched a price of \$1,135 from an anonymous collector. The origin of this piece remains unknown.

Rio Negro

In 1940, the spectroscopists Alois Gatterer SJ (1886-1953) and Josef Junkes SJ (1900-1984) published a note in *Commentationes Pontificiae Academicae Scientiarum (Memoirs of the Pontifical Academy of Sciences)*, 4, 191-223, in German with an abstract in Latin, "Über den Steinmeteoriten von Rio Negro." Their interest as spectroscopists was purely in determining the chemical nature of the metallic bits in this stone, in order to compare its composition to its emission spectrum; but this work certainly represents one of the earliest attempts to characterize the spectrum of a meteorite.

In their paper, they give a brief introduction of the history of this fall: *Am 21. September 1934 wurde um 20 Uhr 30 m. O. Z. bei Rio Negro in Brasilien der Fall eines Meteoriten beobachtet. Es gelang, ein Stück des gefallenen Steinies aufzufinden, das 1310g wog. Davon wurde ein 694 g scherer Teil abgesägt, welchen Rev. P. Chrysostomo Adams O. F. M. in liebenswürdiger Weise dem Astrophysikalischen Laboratorium der Vatikanischen Sternwarte zum Zwecke wissenschaftlicher Untersuchung zur Verfügung stellte.*

("The fall of a meteorite was observed on September 21, 1934, at 8:30 pm local time at Rio Negro, in Brazil. It was possible to find a fragment of the fallen stone that weighed 1310g. A 694g sawn piece was cut from it, which the Reverend Father Chrysostom Adams O. F. M. kindly put at the disposal of the Vatican Observatory's astrophysical laboratory for scientific research.")

Rio Negro is a fairly common name in Brazil, most notably a well known tributary of the Amazon; however, other sources from the 1940's list the meteorite as coming from a small town in the Brazilian state of Paraná, quite some distance from this river. Fr. Andrew Whitman SJ, a mathematician at the Specola today who lived and worked for many years in Brazil, has asked about this meteorite among his friends there. José Pio, a retired corporate executive who now volunteers with Jesuit works for the poor in Brazil, confirms this meteorite is indeed from a small town in Paraná actually named *Rio Negra* (Black Woman River), nowhere near the more famous Rio Negro (Black River). Apparently the Germans at the Specola either misread the name, or perhaps it was misspelled in the letter they received. In any event, the name *Rio Negro* has stuck for this meteorite, and it's probably pointless to try to change it now.

In addition, Mr. Pio noted that the meteorite was originally called *Pendengo* by the locals. This Portuguese word is perhaps best translated as "imbroglio," the sort of loud, abusive argument that can lead to a fistfight.

The letter from Fr. Adams mentioned in the Gatterer and Junkes paper cannot be found in the Vatican Observatory archives, unfortunately, nor is there any record of precisely when the meteorite arrived here. That probably occurred after 1936, when the spectrochemical laboratory started operations. Upon its arrival, the meteorite was photographed and its density was measured (3.5 g/cm^3) by immersion into water.

The critical issue to Gatterer and Junkes at that time was interpreting the complex emission lines of stars, and to that end they had set up a spectrochemical laboratory to produce a detailed catalogue of spectral lines for pure metals. The metal in a meteorite was, to them, a sample from a star which could be compared against their catalogues, to see just how accurately emission spectra could characterize the chemical composition of a star. Indeed, they originally were inspired to create their spectrochemical laboratory by the presence of the de Mauroy meteorite collection, hoping to take emission spectra of many of the samples present.

For studying *Rio Negro*, a 4.23g piece was chipped off the meteorite, powdered, and separated with a magnet; part of the magnetic sample was partly analyzed by wet chemistry, and the rest put into the spark emission spectrometer. At the same time, a sample of *Lanzenkirchen* (like *Rio Negro*, an L4; it fell in Austria in 1925) was also measured by wet chemistry, and a spectrum of a piece of *Albareto* (an L4 fall from 1766) was also taken. (These other meteorites must have been borrowed from outside institutions, as the Vatican collection has neither.) They found that all analyses agreed to within ten percent, a spread which they noted could merely reflect variations within the meteorites themselves.

In 1966, a sample of *Rio Negro* was sent to Wänke and Wlotzka at the Max-Planck-Institut in Mainz for U, Th, and K measurements. But it is unclear which piece was sent, or how much was used.

The history of the stone since that time is unclear. It appears that some 600g still remains somewhere in Brazil. Of the 694g sample sent to the Vatican, three stones

with a total mass of 517g remained by the time of the 1957 catalogue, and the rest had been traded to the Smithsonian as part of a multiple-meteorite deal. The largest piece at that time, 389g, still remains in our collection; by 1986, however, it was the only piece left. The fate of the other two stones (128g total mass) is unknown.

One last story can serve to illustrate the sorts of problems that occur when a large meteorite collection is not continually cared for. In 1993, upon my arrival at the Vatican Observatory, I undertook an inventory of the collection, and I discovered a number of our largest samples were gone. Among the missing was this main mass of *Rio Negro*. Digging through the various scraps of paper that served as our records proved fruitless; the meteorites had simply disappeared.

Then, in 1998, attending the Meteoritical Society meeting in Dublin, I chanced to hear a presentation by Giuseppe Bonino, discussing his delicate measurements of cosmogenic radionuclides in a number of stones. The list of meteorites he had measured sounded strangely familiar; and the presence of *Rio Negro* among them sealed the issue. I quickly sought him out after his talk, and confirmed that indeed he had been loaned these meteorites in 1992. But no one at the Vatican Observatory had thought to leave a paper trail of this loan!

I was delighted to visit Turin later that year and see both Bonino's impressive laboratory (in a complex of tunnels under a hill beneath a Capuchin monastery) and the "missing" Vatican meteorites. They have since been restored to our collection.

Torino

Claudio Casacci, like Giuseppe Bonino a member of the Local Organizing Committee of the 2001 Meteoritical Society meeting at the Vatican, witnessed and collected this remarkable meteorite fall. During a thunderstorm at about 2 pm on May 18, 1988, he was returning from lunch to his office at the Italian aerospace company Aeritalia-GSS (known today as Alenia Spazio S.p.A) in Turin with his colleagues Giuseppe Viriglio and Franco Bevilacqua. A rumble first thought to be another peal of thunder accompanied the impact of an 800g stone. It landed in the parking lot of the plant... as it happens, about ten meters away from the building where the *Hipparchos* spacecraft was being assembled and tested!

This fragment of the meteorite made a small crater in the asphalt, 15 cm wide and 3 cm deep, straddling the white line separating two parked cars. Because of the storm clouds, no trail was seen; however, the sample clearly did not fall vertically, and since it must have come down a narrow street with tall buildings on either side, the direction of the fall could be narrowed to a within a few degrees of a NE-SW direction.

A second fragment hit another nearby parking lot, likewise missing two parked cars but hitting the white line between them. Several smaller samples were also found, for a total recovered mass of 977g.

Claudio Casacci retains the main mass, but he has graciously donated two fragments, with a total mass of 200g, to the Vatican Observatory collection.