

Zucolotto, M. E., & Crósta, A. P. (2026). Orville A. Derby and the Brazilian meteorites: life, science and legacy. *Derbyana*, 47, Article 913 (Appendix).

APPENDIX – Cards handwritten by Derby for the meteorites of the Werner Collection.



N. 17

Museu Nacional do Rio de Janeiro
Meteoritos
MINERAIS

Localidade: *Mauerkirchen Austria* N. de amostras *1*

Obtido de *Universidade de Munich* Recebido *1889*

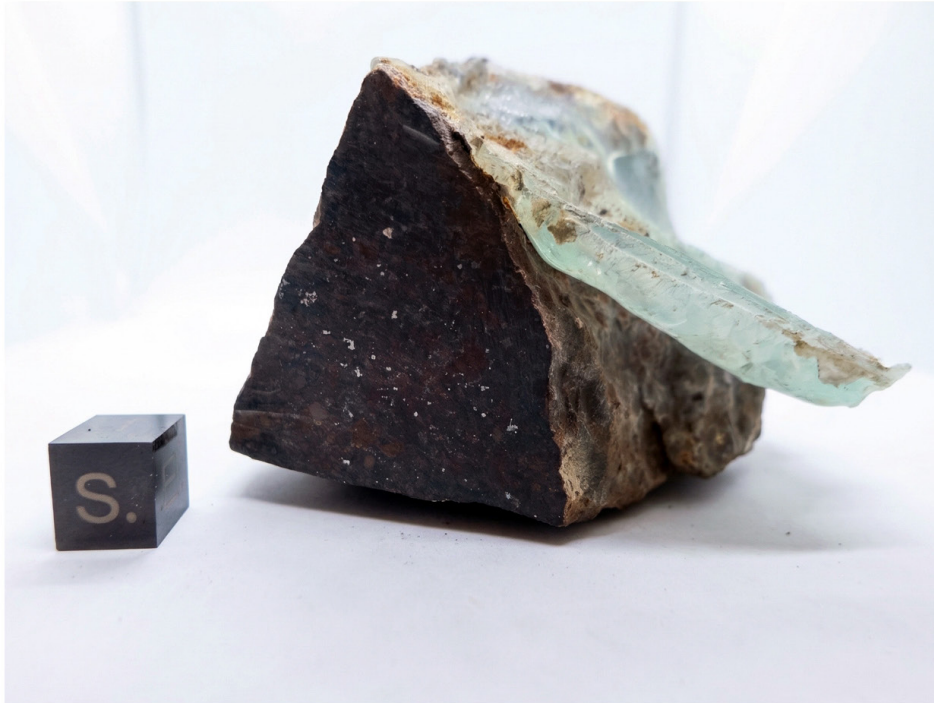
Colleccionado por _____ Guardado *19*

Observações: *Obtido de Prof. P. Feistl em permuta, legs 86 frammas*
Cahin - 20 de novembro de 1768
Chondrito weiss de Beuzin
avaliado em São Paulo

4397-83

Visto
em 19

FIGURE A-1 – Mauerkirchen meteorite, obtained by exchange with Austria, and its token. Due to the year in which it was received (1889), it is possibly an exchange for a slice of the Bendegó. The original mass weighed 86 g, later reduced to 51.8 g, possibly due to the making of thin sections. The original numbering was changed from 22 to 17-MT. So far, this meteorite has not been found among the specimens rescued after the 2018 fire.



N. 1110

Museu Nacional do Rio de Janeiro
Meteoritos
MINERAIS

Localidade: *Knyahinya, Beszyna* N. de amostras *1*
unpwar, Hungria
 Obtido de *fe. de S. Petersburgo* Recebido *1 Maio 1888*
em Perm
 Colleccionado por _____ Guardado *Amor. 19*

Observações: *"Peso 30 grammes. Data da queda 7 ou Junho de 1866*
Systema, Chondrit gris (Vienna) Aiglito (Paris) "
Chondrit grau de Beszyna

4397—83

FIGURE A-2 – Knyahinya meteorite and its card. It was obtained by exchange with the St. Petersburg Museum and, according to the file, would have a mass of 30 g. However, there were two other specimens of this meteorite in the collection, with 30.5 g and 31.2 g, respectively. As can be seen in the case of the Krasnojarsk meteorite, for which Derby drew up an individual file for each of the samples, it is possible that there was another card corresponding to this specimen. The mass of 31.1 g was recovered after the 2018 fire and the glass melted by the fire, seen in this photo covering part of the meteorite (bluish tones), was retained. The other two specimens have not yet been identified.



N. 18A

Museu Nacional do Rio de Janeiro
MINERAES

Bluff

Localidade: *Taylor County Texas* N. de amostras *2*

Obtido de _____ Recebido _____

Colleccionado por _____ Guardado *num. 19*

Observações:
Encontrado em 1878

1897-83

1919

FIGURE A-3 – Bluff meteorite and respective card. The specimen was recovered in perfect physical condition after the 2018 fire. However, so far no specific study has been carried out to assess possible thermal damage.

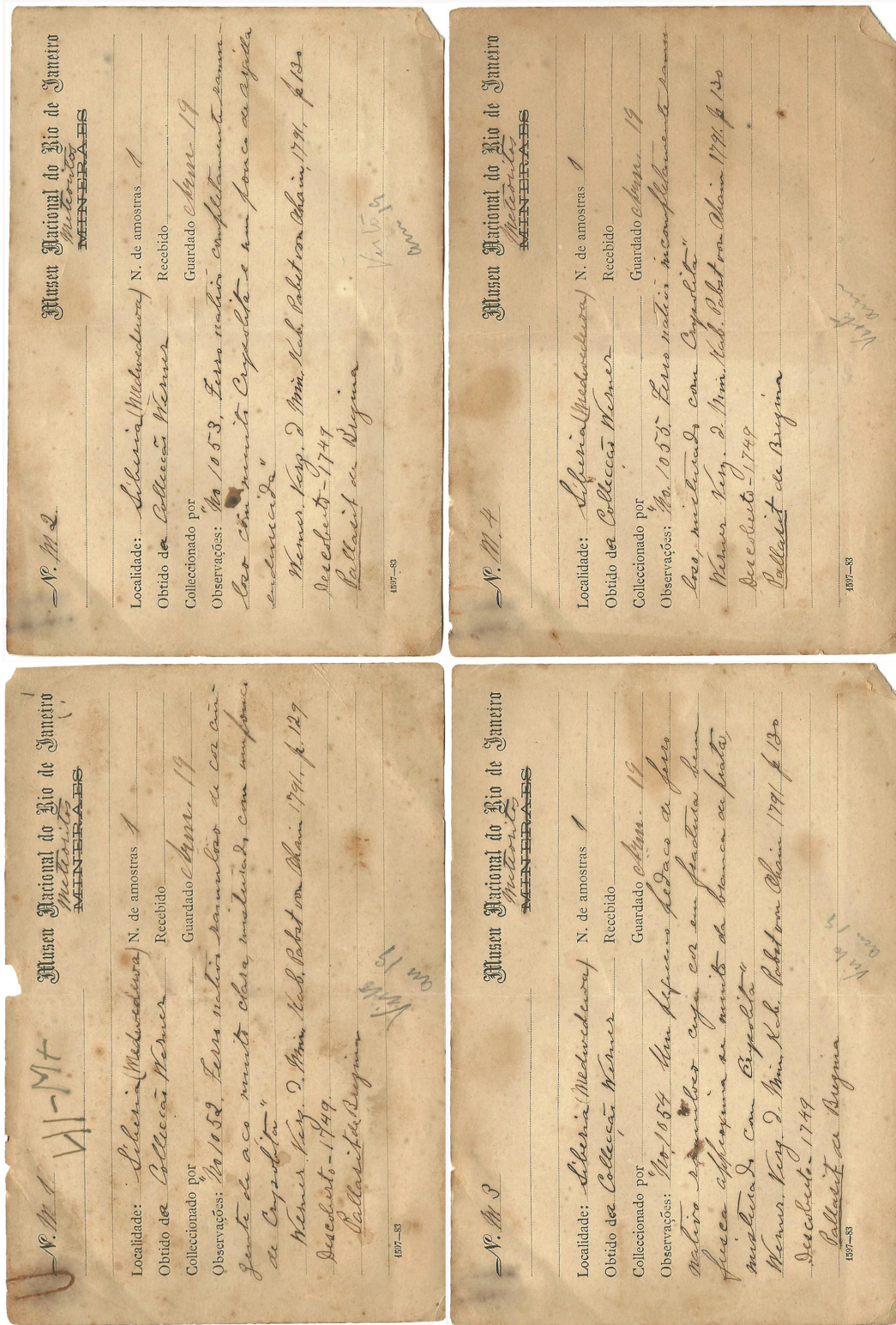


FIGURE A-4 – Records of four specimens of the Krasnojarsk meteorite, the famous Pallas Iron. As in the catalog of the Werner collection, where it was originally registered, each sample had its numbering. Only the two largest specimens were recovered after the 2018 fire.

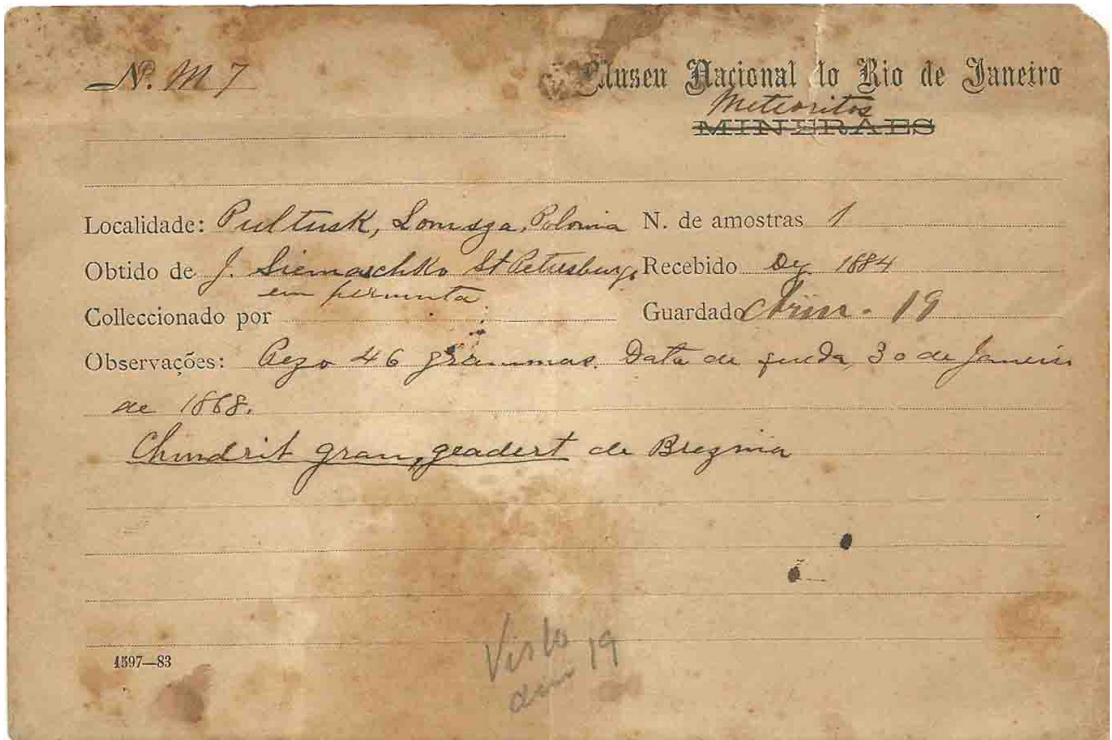


FIGURE A-5 – Pultusk meteorite and its card. It contains only the specimen with a mass of 46 g, although the collection also includes a second one, with 114 g. As already mentioned, Derby used to prepare an individual card for each specimen of meteorite. Both samples were recovered after the fire, and the largest mass is currently on display at the Rio de Janeiro Planetarium.

N. _____

Museu Nacional do Rio de Janeiro
MINERAES

Llano del Inca

Localidade: *Deserto Atacama Chile* N. de amostras _____

Obtido de _____ Recebido _____

Coleccionado por _____ Guardado *abun. 19*

Observações:
Encontrado por el geologica de Chile.
1888

~~30-11~~
Peso: *29.9*
30.40
25.27
25.10 *Verificado* *19* *30-MX*

4597-83

FIGURE A-6 – Card of the Llano del Inca meteorite, found in the Atacama Desert in Chile, also known as the Vaca Muerta meteorite. The collection of the National Museum brings together some specimens attributed to this meteorite. However, it is not possible to determine with certainty which of them would correspond to the copy registered by Derby, or even if all of them would be related to this single record. It is, in principle, a mesosiderite, although some specimens have been classified as chondrites. As several meteorites were found in this same region of the Atacama, it is believed that there may have been mixing between different materials.

N. M. 14

Museu Nacional do Rio de Janeiro
Meteoritos
MINERAES

Localidade: Tadjera, Setif, Algeria N. de amostras 1

Obtido do ^{Museum d'Histoire Naturelle} Paris Recebido Junho de 1888

Colleccionado por Guardado N. M. 19

Observações: "Peso 3 grammas, Data de queda 9 de Junho de 1867"
Chondrit-Tadjerit de Algeria

Esquid de ser enventrada.

4597-83

N. M. 13

Museu Nacional do Rio de Janeiro
Meteoritos
MINERAES

Localidade: Marion, Linn Co. Iowa N. de amostras 1
E. U. A.

Obtido do British Museum in permuta Recebido Maio de 1888

Colleccionado por Guardado

Observações: "Peso 9 grammas, Data de queda 25 de Fev^{ro} de 1847"
Chondrit weiss, Hadert de Algeria

4597-83

FIGURE A-7 – Cards of the Tadjera (Algeria) and Marion (Iowa, USA) meteorites, both of very small dimensions. Tadjera's specimen, weighing only 3 g, had not been in the collection of the National Museum for a long time and, even if it was still present at the time of the fire, it would hardly be recognized among the rubble. The Marion specimen, weighing 9 g, has not yet been identified among the recovered materials.

N. M 19

Museu Nacional do Rio de Janeiro
Meteoritos
MINERAIS

Localidade: *Toluca Mexico* N. de amostras *1*

Obtido de *Museu Imperial de Vienna* Recebido *1889*

Colleccionado por _____ Guardado *Chun. 19*

Observações: *Peso 64 grammas,*
descoberto - 1784

Oktaédrische Eisen-Mittlere Lamellen - Toluca-Gruppe de
Bregina

Peso 62,3500
6-M+
Vente 19

4597-S3

N. M 12

Museu Nacional do Rio de Janeiro
Meteoritos
MINERAIS

Localidade: *Stannern, Moravia* N. de amostras *1*

Obtido de *British Museum emfermita* Recebido *Mai 1888*

Colleccionado por _____ Guardado *Chun. 19*

Observações: *"Peso 10 grammas, Data da queda 22 de Maio de*
1808"

Eukrit de Bregina

4597-S3

FIGURE A-8 – Records of the Toluca (Mexico) and Stannern (Czech Republic) meteorites. These specimens have also not been identified due to the lack of previous photos for comparative purposes.



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