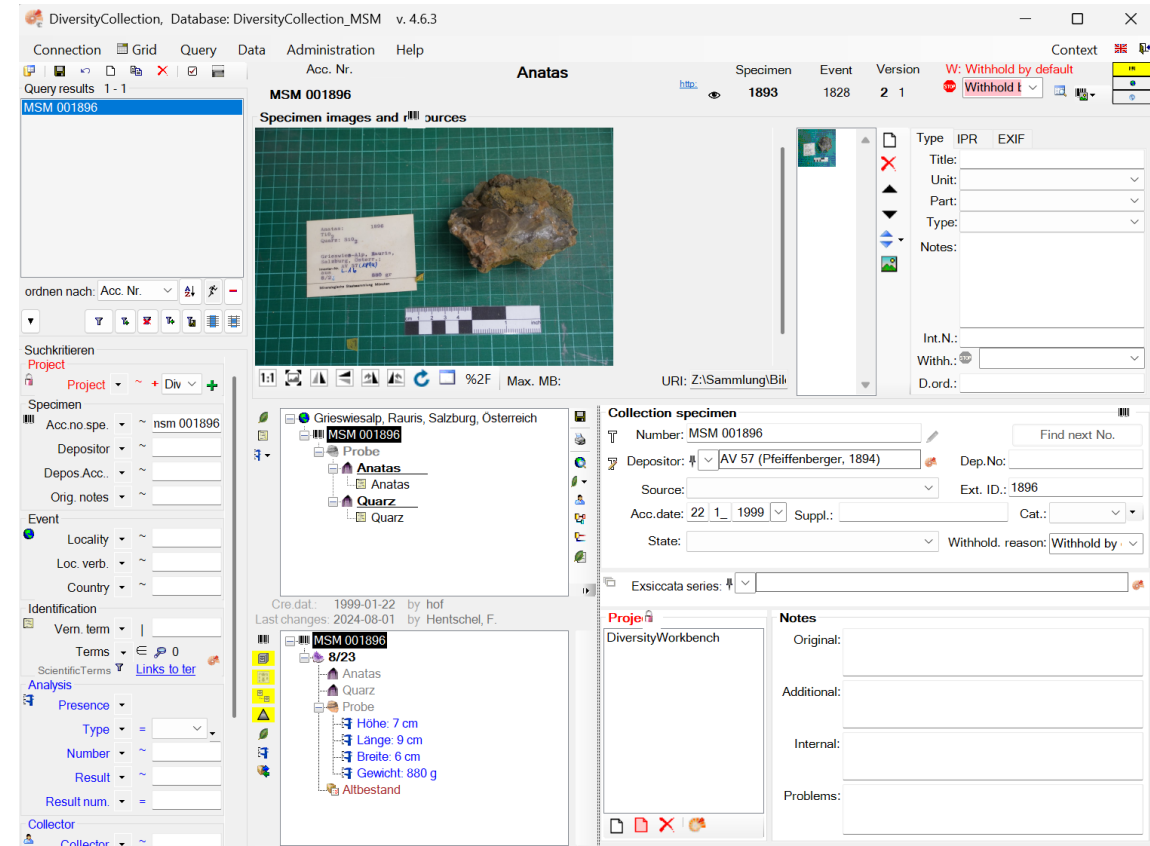


Verwaltung mineralogischer Daten in der DWB

Felix Hentschel

Sammlungsmanager

Mineralogische Staatssammlung München



- ca. 50.000 Minerale (Gesteine, Meteorite) in der DWB
- 2019 Umzug zur Diversity Workbench
- Diversity Collection zur Sammlungsverwaltung, Import/Export, Transaktionen
- Scientific Terms für Mineralklassifikationen; Diversity Agents ...

Diversity Collection

The screenshot displays the DiversityCollection database interface for specimen MSM 001896. The main window shows a photograph of a mineral specimen on a green grid with a ruler. Below the photo is a tree diagram showing the specimen's classification: MSM 001896 (Probe) -> Anatas -> Anatas -> Quarz -> Quarz. The specimen is identified as Anatas. The interface includes a search panel on the left with filters for Project, Specimen, Event, and Identification. The right panel shows detailed information for the specimen, including its number (MSM 001896), depositor (AV 57 (Pfeiffenberger, 1894)), and collection date (22.1.1999). The specimen is marked as 'Withhold by default'. The interface also shows a 'Collection specimen' section with fields for Number, Depositor, Source, Acc. date, State, and Withhold. reason. The 'Notes' section is empty. The interface is titled 'DiversityCollection, Database: DiversityCollection_MSM v. 4.6.3'.

Fundort-/ Mineralinformationen

- Fundort
- Inventarnummer
- Mineralbestimmungen
(verknüpft mit Scientific Terms)

Diversity Collection

DiversityCollection, Database: DiversityCollection_MSM v. 4.6.3

Connection Grid Query Data Administration Help

Acc. Nr. **Anatas** Specimen Event Version W: Withhold by default

Query results 1 - 1

MSM 001896

Specimen images and resources

ordnen nach: Acc. Nr.

Suchkriterien

Project

Project ~ + Div +

Specimen

Acc.no.spe. ~ nsm 001896

Depositor ~

Depos.Acc. ~

Orig. notes ~

Event

Locality ~

Loc. verb. ~

Country ~

Identification

Vern. term ~

Terms ~ 0

Scientific Terms Links to ter

Analysis

Presence

Type =

Number ~

Result ~

Result num. =

Collector

Collector ~

URI: Z:\Sammlung\Bil

Collection specimen

Number: MSM 001896 Find next No.

Depositor: AV 57 (Pfeiffenberger, 1894) Dep. No:

Source: Ext. ID.: 1896

Acc. date: 22 1_ 1999 Suppl. Cat.:

State: Withhold. reason: Withhold by

Exsiccata series:

Notes

Original:

Additional:

Internal:

Problems:

Cre. dat.: 1999-01-22 by hof

Last changes: 2024-08-01 by Hentschel, F.

MSM 001896

8/23

Anatas

Quarz

Probe

Höhe: 7 cm

Länge: 9 cm

Breite: 6 cm

Gewicht: 880 g

Allbestand

Vorbesitzer-/Sammlungen

- Vorbesitzer
- alte Inventarnummern

Notizen

- z.B. alte Notizen
- Probleme: z.B. Zerfall, Entsorgung

Diversity Collection

The screenshot displays the DiversityCollection database interface (v. 4.6.3) for specimen MSM 001896. The interface is divided into several sections:

- Top Bar:** Shows the specimen name "Anatas" and its accession number "MSM 001896". It also includes fields for "Specimen" (1893), "Event" (1828), and "Version" (2 1). A red warning icon indicates "Withhold by default".
- Specimen Images and Sources:** A central image shows a mineral specimen on a green grid with a ruler. Below it, a tree view shows the specimen's location: "Grieswiesalp, Rauris, Salzburg, Österreich" > "MSM 001896" > "Probe" > "Anatas".
- Collection specimen:** A form containing fields for "Number" (MSM 001896), "Depositor" (AV 57 (Pfeiffenberger, 1894)), "Source", "Acc. date" (22 1_ 1999), "Suppl.", "Ext. ID." (1896), "State", and "Withhold. reason" (Withhold by). A "Find next No." button is also present.
- Analysis:** A section with a tree view showing "MSM 001896" > "8/23" > "Anatas" > "Quarz" > "Probe". Below this, physical characteristics are listed: "Höhe: 7 cm", "Länge: 9 cm", "Breite: 6 cm", and "Gewicht: 880 g".
- Left Panel:** Contains search criteria and filters for "Project", "Specimen", "Event", and "Identification".
- Right Panel:** Includes a "Notes" section with fields for "Original", "Additional", "Internal", and "Problems".

Minerale als Sammlungsobjekt

- Standort in der Sammlung
- Größe, Gewicht (\pm Analysen)
- Transaktionen/Leihverkehr
- vorübergehende Standortänderung (Ausstellungen)

Diversity Collection

The screenshot displays the DiversityCollection database interface (v. 4.6.3) for specimen MSM 001896. The main window shows a photograph of a specimen on a green grid with a ruler and a label. The label text includes: "Anatas 1896", "Gewicht: 880 g", "Grieswiesalp, Rauris, Salzburg, Österreich", "AV 57 (Pfeiffenberger, 1894)", "MSM 001896", and "Mineralogische Staatssammlung München". The interface includes a menu bar (Connection, Grid, Query, Data, Administration, Help), a toolbar, and various panels for specimen details, search criteria, and identification. The specimen details panel shows: "Specimen images and resources", "Type: IPR", "Title:", "Unit:", "Part:", "Type:", "Notes:", "Int.N.:", "Withh.:", "D.ord.:", "Collection specimen", "Number: MSM 001896", "Depositor: AV 57 (Pfeiffenberger, 1894)", "Source:", "Acc.date: 22_1_1999", "Suppl.:", "Ext. ID.: 1896", "State:", "Withhold. reason: Withhold by", "Exsiccata series:", "Notes", "Original:", "Additional:", "Internal:", "Problems:". The search criteria panel shows: "Suchkriterien", "Project", "Specimen", "Acc.no.spe. ~ nsm 001896", "Depositor", "Depos.Acc.", "Orig.notes", "Event", "Locality", "Loc.verb.", "Country", "Identification", "Vern.term", "Terms", "ScientificTerms", "Analysis", "Presence", "Type", "Number", "Result", "Result num.", "Collector". The specimen details panel also shows: "Grieswiesalp, Rauris, Salzburg, Österreich", "MSM 001896", "Probe", "Anatas", "Quarz", "Quarz", "Cre.dat.: 1999-01-22 by hof", "Last changes: 2024-08-01 by Hentschel, F.", "MSM 001896", "8/23", "Anatas", "Quarz", "Probe", "Höhe: 7 cm", "Länge: 9 cm", "Breite: 6 cm", "Gewicht: 880 g", "Altbestand".

Fotos

- von Objekten, Etiketten etc.

51087

Rammelsbergit, Baryt

Freieslebenschacht, Leimbach, Sachsen-Anhalt, Deutschland

71/14 1362 g
RGB-GZ

Mineralogische Staatssammlung

Druck von Labeln

- mithilfe von xslt-Schemata Erstellung individueller Label
- für Sammlung & Ausstellung

Rammelsbergit NiAs₂
Baryt Ba(SO₄)

Freieslebenschacht,
Leimbach, Sachsen-Anhalt,
Deutschland

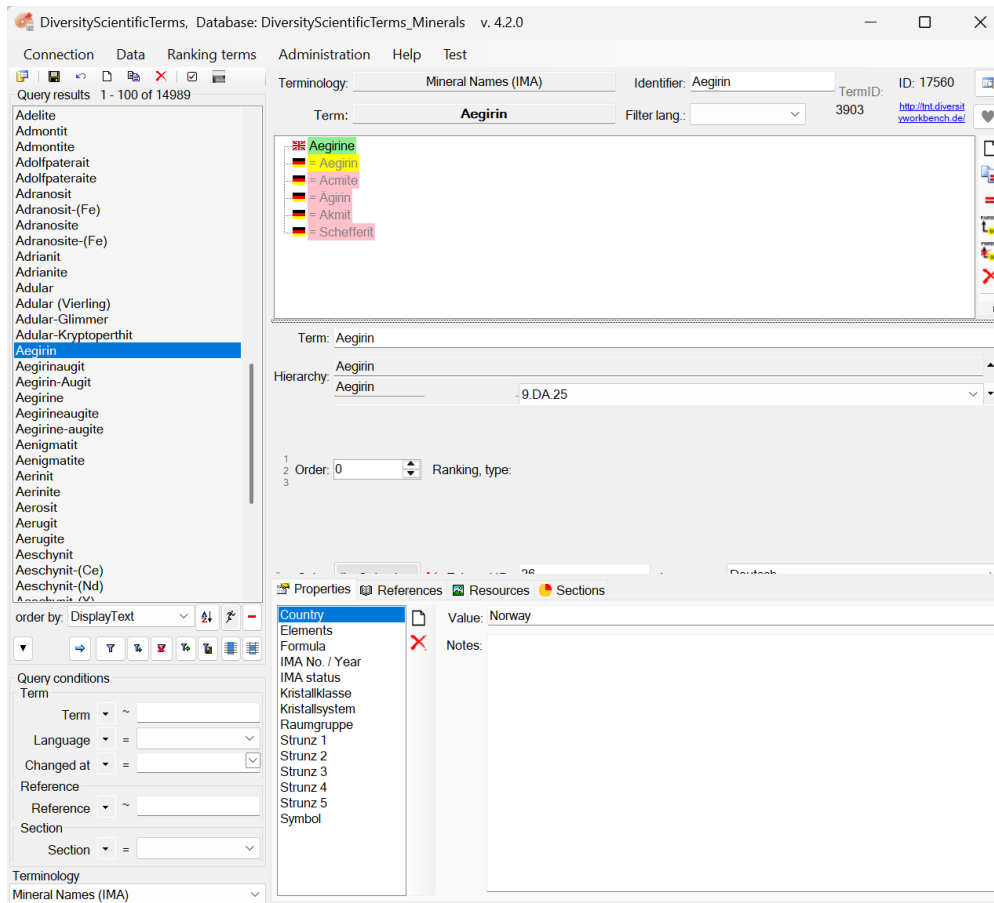


**Museum
Mineralogia
München**

Mineralienkarte der Mineralogischen Staatssammlung Theresienstr. 41, D-80333 München

Nummer:	51087	Unstimmig:	N
1. Mineral:	Rammelsbergit		
2. Mineral:	Baryt		
Beschreibung:			
Fundstelle:	Freieslebenschacht, Leimbach, Sachsen-Anhalt, Deutschland		
Fundst.zusatz:			
Land:	Deutschland		
Länge:	11.5 cm	Breite:	10 cm
Gewicht:	1362.3 g	Höhe:	5.5 cm
Standort:	70/13	Radioaktiv:	N
Wiss. bearbeitet:			
Bild veröffentl.:			
Vorbesitzer:	RGB-GZ		
Finder:		Funddatum:	. .
Erwerbsart:	2016-07-12; 2016-5 Leihgabe Hoesch-Museum	Aufnahmedatum:	8.9.1997
Kaufpreis: €	Foto:	
Aktueller Wert: €		
Bearbeiter:	di	Letzte Bearb.:	8.9.1997
Alte Nummer:	10264		

Scientific Terms



1. Datenbank mit verschiedenen Terminologien
 - Liste mit anerkannten Mineralen (& Mischkristallen)
 - Bekannte Meteoriten
 - Gesteinsarten

Verknüpfte Eigenschaften:

- Chemische und kristallographische Eigenschaften
- Strunz-Klassifikation
- IMA-Nummer & -Symbol

Quelle: IMA-Veröffentlichungen, mindat.org, ruff.net

➤ Import über Import Wizard (ähnlich zu DC)

Name_deutsch	Name_englisch	SSSSSSSFormel	Elemente	Strunz_1	Strunz	Strunz	Strunz	Strunz	Kristall	Kristallk	Raumgr	IMA st	IMA No. / Y	Country	Symbol
Abellait	Abellaite		NaPb ₂ (CO ₃) ₂ (OH)	5.BE	Carbc	Carbo	mit Pb	hexag	6mm	P6 ₃ mc	A	2014-111	Spain	Abe	
Abelsonit	Abelsonite	Nickel	NiC ₃₁ H ₃₂ N ₄	10.CA.20	Orgar	Divers	Divers	Abelsc	triklin	-1	P-1	A	1975-013	USA	Abl
Abenakiit-(Ce)	Abenakiite-(Ce)		Na ₂₆ Ce ₆ (Si ₆ O ₁₈)(PO ₄) ₆ (CO ₃) ₆ (SO ₂)O	9.CK.10	Silikat	Ringsil	[Si6O18]12-	ε trigon	-3	R-3	A	1991-054	Canada	Abk-Ce	
Abernathyit	Abernathyite		K(UO ₂)(AsO ₄) · 3H ₂ O	8.EB.15	Phosph	Uranyl	UO2:RO4 =	1tetrag	4/mmm	P4/ncc	G	1956	USA	Abn	
Abhurit	Abhurite		Sn ²⁺ ₂₁ O ₆ (OH) ₁₄ Cl ₁₆	3.DA.30	Halog	Oxihal	mit Cu	Abhuri	trigon	32	R32	A	1983-061	Saudi Ara	Abh
Abramovit	Abramovite		Pb ₂ SnInBiS ₇	2.HF.25	Sulfidi	Sulfos:	mit Sn:	Kylindr	triklin	-1	P-1	A	2006-016	Russia	Abm
Abswurbachit	Abswurbachite		Cu ²⁺ Mn ³⁺ ₆ O ₈ (SiO ₄)	9.AG.05	Silikat	Inselsi	Inselsi	Brauni	tetrag	4/mmm	I4 ₁ /acd	A	1990-007	Greece	Abs
Abuit	Abuite		CaAl ₂ (PO ₄) ₂ F ₂	8.D	Phosph	Phosphate,	m	orthor	222	P2 ₁ 2 ₁ 2 ₁	A	2014-084	Japan	Abu	

Scientific Terms

Verknüpfung mit Diversity Collection

- Filtern nach Mineralen mit bestimmten Eigenschaften (z.B. monokline Th-Minerale)

DiversityCollection, Database: DiversityCollection_MSM v. 4.6.3

Connection Grid Query Data Administration Help

Acc. Nr. **Ciprianiit** Specimen 33784 Event 33106 Version 3 1 W: Withhold by default

Query results 1 - 2

MSM 035198
MSM 036190

MSM 035198
Spec in images and resources

Suchkriterien
Project
Specimen
Event
Identification

MSM 035198
Ciprianiit
Sanidin

Collection specimen
Number: MSM 035198
Depositor: Nachlass Fehr
Source: DiversityWorkbench

Notes
Original: Gewicht mit Schachtel

MSM 035198
94/20
Ciprianiit
Sanidin
Probe
Höhe: 2.5 cm
Länge: 4 cm
Breite: 3 cm
Gewicht: 43.9 g
Geschenk Rewitzer

DiversityScientificTerms (DiversityScientificTerms_Minerals) Server: TNT.DIVERSITYWORKBENCH.DE,5432 User: Hen...

[TNT.DIVERSITYWORKBENCH.DE,5432] DiversityScientificTerms_Minerals

Link
http://tnt.diversityworkbench.de/ScientificTerms_Minerals/25385

Query results 1 - 87

Aeschnit
Althupit
Althupite
Aspedamit
Aspedamite
Barionpyrochlor
Befait
Brabanit
Brookit
Brookit
Cabinite
Cabinite
Ceropyrochlor-(Ce)
Cesstibanit
Cheralite
Cheralith
Ciprianiit
Ciprianiite
Coutinhoit
Coutinhoite
Ekanit
Ekanite
Ekebergit
Ekebergite
Eu Xenit
Eu Xenit-(Y)
Eu Xenite-(Y)
Eylettersit
Eylettersite
Ferrithorit
Grayit
Grayite
Greenovit
Huttonit
Huttonite
Hydroxymanganopyrochlor
Hydroxymanganopyrochlor
Ichnusaite
Ichnusaite
Iraqit-(La)
Iraqite-(La)
Koppit
Niobo-Aeschnit-(Nd)
Niobo-aeschnit-(Nd)
Nuragheit
Nuragheite
Murachhoite

order by: DisplayText

Show unit values as HTML ...

Scientific Terms

Verknüpfung mit Diversity Collection

- Filtern nach Mineralen mit bestimmten Eigenschaften (z.B. monokline Th-Minerale)

The screenshot shows the DiversityCollection database interface. The main window displays specimen details for MSM 035198, including its name (Ciprianiit), specimen number (33784), event (33106), and version (3 1). The interface includes a menu bar (Connection, Grid, Query, Data, Administration, Help), a toolbar, and a sidebar with search criteria (Suchkriterien) for Project, Specimen, Event, and Identification. The main content area shows a tree view of the specimen's location (Mte. Cavalluccio, Campagnano, Latium) and a list of associated specimens (MSM 035198, 94/20). The 'Collection specimen' section provides details for MSM 035198, including the depositor (Nachlass Fehr) and source (DiversityWorkbench). The 'Notes' section contains the text 'Original: Gewicht mit Schachtel'. The 'Identification' section shows the specimen's classification (Ciprianiit) and physical characteristics (Höhe: 2.5 cm, Länge: 4 cm, Breite: 3 cm, Gewicht: 43.9 g, Geschenk Rewitzer).

The screenshot shows the DiversityScientificTerms interface. The main window displays a list of mineral terms (Brabantit, Cheralite, Cheralith, Ciprianiit, Ekebergite, Ekebergite, Huttonit, Huttonite, Ichnusait, Ichnusait, Nurgheit, Nurgheit, Ootannit, Ootannite, Rigrahamit, Rigrahamite, Thorutit, Thorutite) and their properties. The 'Query results' section shows a list of terms with their corresponding properties (Description, ExternalID, Hierarchy, Hierarchy Top-Down, Notes, LanguageCode, RankingTerm, Synonym, Preferred name, Country, Value, Elements, Formula, IMA No. / Year, IMA status, Kristallklasse, Kristallsystem, Raumgruppe, Strunz 1, Strunz 2, Strunz 3, Strunz 4, Strunz 5). The 'Query conditions' section shows filters for Term, Language, Ranking, Property, Text val., and Num. value. The 'ScientificTerms' section shows a list of terms (Brabantit, Cheralite, Cheralith, Ciprianiit, Ekebergite, Ekebergite, Huttonit, Huttonite, Ichnusait, Ichnusait, Nurgheit, Nurgheit, Ootannit, Ootannite, Rigrahamit, Rigrahamite, Thorutit, Thorutite).

Scientific Terms

The screenshot shows the DiversityScientificTerms web application interface. The search term 'Quarz' is entered in the search box. The results list includes various synonyms and related terms such as 'Quarz (Achat)', 'Quarz (Amethyst)', and 'Quarz (Bergkristall)'. The detailed view on the right shows the following information:

Name	Quarz
Description	
ExternalID	4159
Hierarchy	Quarz
Hierarchy Top-Down	Quarz
Notes	
LanguageCode	de
RankingTerm	4.DA.05
Synonym	Achat (de), Amethyst (de), Augenachat (de), Bergkristall (de), Betaquarz (de), Carneol (de), Chalcedon (de), Chrysopras (de), Citrin (de), Eisenkiesel (de), Fadenquarz (de), Fettquarz (de), Heliotrop (de), Hochquarz (de), Jaspis (de), Karneol (de), Moosachat (de), Quarz (Achat) (de), Quarz (Achat/Jaspis) (de), Quarz (Achat/Plasma) (de), Quarz (Amethyst) (de), Quarz (Amethyst/Achat) (de), Quarz (Amethyst/Achat/Druse) (de), Quarz (Amethyst/Achatmandel) (de), Quarz (Amethyst/Bergkristall) (de), Quarz (Amethyst/Kappenquarz) (de), Quarz (Amethyst/Rauchquarz) (de), Quarz (Amethyst/Skelettquarz) (de), Quarz (Amethyst/Trimmerachat) (de), Quarz (Aventurin) (de), Quarz (Bergkristall) (de), Quarz (Bergkristall/Japaner Zwilling) (de), Quarz (Bergkristall/Phantomquarz) (de), Quarz (Bergkristall/synthetisch) (de), Quarz (Bergkristall/synthetisch) (de), Quarz (Blauquarz) (de), Quarz (Chalcedon) (de), Quarz (Chalcedon/Holz-Achat) (de), Quarz (Chrysopras) (de), Quarz (Citrin) (de), Quarz (Dauphineer Zwilling) (de), Quarz (Dauphineer Zwillinge) (de), Quarz (Druse) (de), Quarz (Eisenkiesel) (de), Quarz (Falkenauge) (de), Quarz (Festungs-Achat) (de), Quarz (Feuerstein) (de), Quarz (Fleischquarz) (de), Quarz (Geisterquarz) (de), Quarz (Gwindel) (de), Quarz (Heliotrop) (de), Quarz (Holz-Achat) (de), Quarz (Holz-Achat/Holz-Opal) (de), Quarz (Hornstein) (de), Quarz (Jaspis) (de), Quarz (Kappenquarz) (de), Quarz (Karneol) (de), Quarz (Katzenauge) (de), Quarz (Kugel) (de), Quarz (Kugel-Jaspis) (de), Quarz (Landschafts-Achat) (de), Quarz (Milchquarz/Chalcedon) (de)
Preferred name	Quartz (en)
Country	unknown
Value	
Elements	O, Si
Formula	SiO ₂
IMA No. / Year	1967 s.p.
IMA status	A
Kristallklasse	32
Kristallsystem	trigonal
Raumgruppe	

Verknüpfung mit Diversity Collection

- **Korrekte Zuordnung durch Synonyme**
- Varietäten, alte Bezeichnungen und Spezialnamen sind den „IMA-Mineralen“
- korrektes Filtern/Suchen nach Mineralen

z.B. Filtern nach Quarz findet auch Bergkristall, Amethyst usw.

Leihverkehr

Cre.dat.: 1998-11-27 by hg
Last changes: 2025-12-05 by Hentschel, F.

MSM 000904

- 5/6
 - Pyrit
 - Dolomit
 - Quarz
 - Probe
 - Höhe: 7 cm
 - Länge: 14 cm
 - Breite: 10.5 cm
 - Gewicht: 1696 g
- Altbestand
- 2001-07-25; 2001-3b Dauerleihgabe Bayer. Nationalmuseum

- einzelne Objekte können Transaktionen zugeordnet werden
- Verwaltung von Kontakten (Personen, Institutionen) über Diversity Agents
- Erwerb, Leihverkehr

Administration of transactions

Query results: 1 - 540

- 1999-8 Leihgabe Mineralientage
- 2000-1 Leihgabe Siemens-Museum
- 2000-2a Leihgabe Urwelt-Museum
- 2000-2b Dauerleihgabe Urwelt-Museum
- 2000-3 Leihgabe HSB5
- 2001-1 Leihgabe Mareczek
- 2001-2 Leihgabe Rieskratomuseum
- 2001-3a Leihgabe Bayer. Nationalmuseum
- 2001-3b Dauerleihgabe Bayer. Nationalmuseum**
- 2001-4 Leihgabe Archäologische Staatssammlung

order by: Transaction

Transaction: 2001-3b Dauerleihgabe Bayer. Nationalmuseum

Type: permanent loan Admin. coll.: MSM

Transact.: 2001-3b Dauerleihgabe Bayer. Nationalmuseum

Material: Specimen Mat. descr.: Mat. coll.: Mat. source: Units:

From: Mineralogische Staatssammlung München To: Bayerisches Nationalmuseum

Date: 2001-01-01 Supp: Categ:

Comment:

Int.note: MSM 000709 | MSM 000904 | MSM 006238 | MSM 005853 | MSM 009142 | MSM 009310 | MSM 018452 | MSM 001644 | MSM 001453 | MSM 001515 | MSM 001655 | MSM 001656 | MSM 001659 | MSM 001701 | MSM 020677 | MSM 021050 | MSM 017104 | MSM 017602 | MSM 004676 | o.Nr. Quarz (Achat, 2 St.) | o.Nr. Rauchquarz | o.Nr. Pyrit | o.Nr. Faserquarz | o.Nr. Eisenblüte | o.Nr. Serpentin (5 St.) | o.Nr. Bleiglanz (3 St.) | o.Nr. Glimmer (2 St.)

DiversityAgents, Database: DiversityAgents_MSM v. 4.2.4

Connection Query Data View Administration Help

Agent: Bayerisches Nationalmuseum ID: 645 Vers.: 2 Revision: unchecked

Query results: 1 - 100 of 645

Name: Institution

Type: Ori. spelling Abbreviation Role

Description:

Notes:

Contact information: 1. Prinzregentenstraße 3 80538 München

Keywords: DiversityWorkbench

1 Count ry Postal code City Street address / P.O. box

Deutsche	80538	Mün	Prinzregentenstraf
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Address: Telephone: Cell phone: Telefax:

URI: Email:

Notes:

Type: Valid from: until:

Ausstellungen

- in DC können auch vorübergehende Standortänderungen von Objekten, z.B. für Ausstellungen, eingetragen werden

The screenshot shows the 'Exhibition' application window. The top section, 'All exhibitions', lists several exhibitions, with '2025-09-02: Dauerausstellung' selected. Below this, a list of 'Collections' is shown, all from 'Museum Mineralogia' in the 'Außenbereich' at various 'Vitrine' locations (10-36). The bottom section, 'Parts in exhibition', lists numerous mineral specimens (MSM IDs) with their accession numbers and storage locations. A 'Part' dropdown menu is open, showing options: 'Probe', 'Silber', 'Calot', and 'Fluorit'.

The screenshot shows a detailed view for object 'MSM 001243'. The object is identified as '6/21' and is a 'Magnetit' specimen. Its properties are: 'Höhe: 3.5 cm', 'Länge: 12.5 cm', 'Breite: 9 cm', and 'Gewicht: 372 g'. The object is currently in 'Allbestand'. The exhibition history shows it was part of 'Schauraum - Ausstellung Gneiszeit (Exhibition) 2025-07-24 - 2026-04-19' and is currently in 'Vitrine 1 - MSM 001243: 6/21 - mineral specimen (Part) 2025-07-24 - 2026-04-19'. The last changes were made on 2025-08-11 by Felix Hentschel.