



DWB auf dem Weg: Taxonomische Interoperabilität und Autonomie

Dagmar Triebel
IT Center
Staatliche Naturwissenschaftliche
Sammlungen Bayerns

49. DWB-Workshop, 09.03.2026

SNSB 
Botanische
Staatssammlung
München

 **snsb
it center**

DiversityTaxonNames (DTN)



- Verwaltung von Namen biologischer Taxa nach nomenklatorischen Regeln, d.h. binäres System, Basionyme, Synonyme und akzeptierte Namen, hierarchische Klassifikation
- ICN (Pflanzen, Algen, Pilze)
- ICZN (Tiere)
- ICNP (Prokaryoten)
- BioCode (? future)



DiversityTaxonNames



- Management der Nomenklatur und taxonomischer Konzepte (inkl. fakultative Synonyme, akzeptierte Namen, Aggregate, Hybride etc.)
- Management von Namen mit persistenter TaxonName IDs
- Management (regionalisierter) Checklisten
- Management namensbezogener Kategorien wie RL Kategorien, ökologische Zeigerwerte und sonstiger Indikatoren, zugeschriebene Eigenschaften (e.g., Schädlinge)
- Management von externen Namens-Identifiers (PIDs) für TaxonName IDs und deren Referenzen
- URLs von Text- und Bildressourcen

DTN Beispiel: Bayernflora TaxRef



DiversityTaxonNames, Database: DiversityTaxonNames_Plants v. 4.2.1

Connection Query Table views Data Administration Help Test

Query results 1 - 100 of 14369

Abies alba Miller

- Abies alpestris Brügger
- Abies cephalonica Loudon
- Abies concolor (Gordon & Glend.) Hildebr.
- Abies grandis (D. Don) Lindl.
- Abies koreana E. H. Wilson
- Abies menziesii Mirb.
- Abies Mill.
- Abies nobilis (Doug. ex D. Don) Lindl. non A. Dietr.
- Abies nordmanniana (Steven) Spach
- Abies nordmanniana (Steven) Spach subsp. nordmanniana
- Abies procera Rehder
- Abutilon avicennae Gaertn.
- Abutilon Mill.
- Abutilon theophrasti Medik.
- Acacia meamsii De Wild.
- Acacia Mill.
- Acacia saligna (Labill.) H. L. Wendl.

order by: Taxonomic Name

Query conditions
Project: BFLNames

Taxonomic name
Name: ~
Genus: ~
Species: ~
Creation Ty.: ~
Rank: ~
Status: ~

Authors
Bas.auth.: ~
Comb.auth.: ~

Publication
Ye.ofpu.: ~

Taxon: **Abies alba Miller** ID: 1 Vers.: 10
http://int.diversityworkbench.de/TaxonNames_Plants/1

Taxonomic name
Genus/supragen. Abies Species epithet alba Aut.: Bas. auth. Miller

Rank: species Ori. orthogr.: Notes: 00002

Nomenclature
Code: Botany (incl. Mycology) Status: Creation type: Comment:

Taxonomic reference / Protologue

Volume	Issue	Pages	Details	D. M. Y. of P.	Suppl.

Use ref.: on P.:
Protol.:

Hierarchy
Sup. tax.: Abies Mill. Uncert. Ignore
Ref.: Det.:
Notes:

Trachaeophyta | Spermatophyta | Coniferophytina | Pinopsida | Pinaceae | Abies

- Spermatophyta
 - Coniferophytina
 - Pinopsida
 - Pinaceae Lindley
 - Abies Mill.
 - Abies alba Miller

Synonymy overview **External data sources**

ExternalNameURI	ExternalDatabaseName
9PDH001500	Bayerisches Landesamt für Umwelt
1	BfN
254247	BOLD-ID

Typification **Geography** **Common** **Resources** **Projects**

Weiß-Tanne
Weiß-Tanne

Name: Weiß-Tanne
Lang.: German
Context:
Ref.: Rote Liste der Gefäßpflanzen Bayerns
Notes:

Synonymy **Lists** **References**

Based on:
Accepted name
 Ignore
Concept suffix:
Concept notes:
Reference:
Typist:

DTN Beispiel: Bayernflora TaxRef



DiversityTaxonNames, Database: DiversityTaxonNames_Plants v. 4.2.1

Connection Query Table views Data Administration Help Test

Query results 1 - 100 of 14368

Abies alba Miller

- Abies alpestris Brugger
- Abies cephalonica Loudon
- Abies concolor (Gordon & Glend.) Hildebr.
- Abies grandis (D. Don) Lindl.
- Abies koreana E. H. Wilson
- Abies menziesii Mirb.
- Abies Mill.
- Abies nobilis (Dougl. ex D. Don) Lindl. non A. Dietr.
- Abies nordmanniana (Steven) Spach
- Abies nordmanniana (Steven) Spach subsp. nordmanniana
- Abies procera Rehder
- Abutilon avicennae Gaertn.
- Abutilon Mill.
- Abutilon theophrasti Medik.
- Acacia mearnsii De Wild.
- Acacia Mill.
- Acacia saligna (Labill.) H. L. Wendl.

order by: Taxonomic Name

Query conditions

Name ~

Genus ~

Species ~

Creation Ty. ~

Rank ~

Status ~

Authors

Bas.auth. ~

Comb.auth. ~

Publication

Ye.ofpu. ~

Revision

Level ~

Accepted name

Presence ~

Common name

Name ~

Lang. ~

Geography

Place ~

Taxon list

Presence ~

Tax.list = TaxRef_BFL_VPlants

Analysis ~

Value ~

Taxa

Taxon: Abies alba Miller ID: 1
<http://dx.doi.org/10.1002/diversitytaxonnames.plants.1> Vers.: 10 Ignore: Withhold_reason: Revision:

Taxonomic name: Abies alba Species epithet: alba Aut.: Bas. auth. Miller Comb. Publ. Concept

Rank: species Ori. orthogr.: Notes: 00002 Is hybrid

Nomenclature

Code: Botany (incl. Mycology) Status: Creation type: Comment:

Typification Geography Common Resources Projects

WeiB-Tanne
WeiB-Tanne

Name: WeiB-Tanne
Lang.: German Country: Germany Det.

Context: Ref.: Rote Liste der GefaBpflanzen Bayerns 2003 Notes:

Synonymy Lists References

TaxRef_BFL_VPlants

Germany, Bavaria, Bayern

Abies alba Miller

- BIB-Texte nicht darstellen | Bestand: Wenngleich in den angestammten Wuchsgebieten eine intensive Verjüngung stattfindet, stellt der Zustand der Altbäume und der hohe Verbiss des Jungwuchses für die Gesamtpopulation eine ernst zu nehmende
- BIB-Texte nicht darstellen | Verbreitung: Status in weiten Bereichen nicht differenzierbar.
- BIB-Texte nicht darstellen | Weiterführendes: http://www.lwf.bayern.de/wald-baumarten/tanne/index.php?target=_blank/ Steckbriefe der Baumarten in Bayern/</a/> (Bay
- Floristischer Status | Status in Bayern: H
- Floristischer Status | Statusangabe für Bayern (Lippert & Meierott 2018): I/K
- Verbreitung (Regionen): (S P) K J O H M A
- Zeigenwerte nach Ellenberg | Blattausdauer: I
- Zeigenwerte nach Ellenberg | F: x
- Zeigenwerte nach Ellenberg | K: 4
- Zeigenwerte nach Ellenberg | L: 3
- Zeigenwerte nach Ellenberg | L2: juv
- Zeigenwerte nach Ellenberg | Lebensform: P
- Zeigenwerte nach Ellenberg | N: x
- Zeigenwerte nach Ellenberg | R: x
- Zeigenwerte nach Ellenberg | S: 0
- Zeigenwerte nach Ellenberg | Soziologie: x
- Zeigenwerte nach Ellenberg | T: 5
- zur Darstellung in BIB | Anmerkungen zum Taxon | Anmerkungen aus Kommentierte Artenliste 2014: V 64, BayAtlas 81; wegen der forstlichen Nutzung ist das Indigenat insgesamt nicht eindeutig zu bestimmen, aber zumindest in S und P von Natur aus
- zur Darstellung in BIB | Anmerkungen zum Taxon | Anmerkungen aus Kommentierte Artenliste 2018: V 64, BayAtlas 81; wegen der forstlichen Nutzung ist das Indigenat insgesamt nicht eindeutig zu bestimmen, aber zumindest in S und P von Natur au
- zur Darstellung in BIB | Anmerkungen zum Taxon | Anmerkungen aus Rote Liste Bayern 2003: Status in weiten Bereichen nicht differenzierbar. Wenngleich in den angestammten Wuchsgebieten eine intensive Verjüngung stattfindet, stellt der Zustand
- zur Darstellung in BIB | Anmerkungen zum Taxon | Anmerkungen aus Rote Liste Bayern 2024: kultivierte Bestände oft nicht differenzierbar, sicher synantrophe Vorkommen nicht bewertet.
- zur Darstellung in BIB | Gefährdung | Gefährdung n. RL Bayern 2024 - Alpen: *
- zur Darstellung in BIB | Gefährdung | Gefährdung n. RL Bayern 2024 - Hügel- u. Bergland: *
- zur Darstellung in BIB | Gefährdung | Gefährdung nach Roter Liste Bayern 2003: V
- zur Darstellung in BIB | Gefährdung | Gefährdung nach Roter Liste Bayern 2024: *
- zur Darstellung in BIB | Gefährdung | Gefährdung nach Roter Liste Deutschland 1996: 3
- zur Darstellung in BIB | Gefährdung | Gefährdung nach Roter Liste Deutschland 2018: *

BIB-Texte nicht darstellen | Bestand

Value: Wenngleich in den angestammten Wuchsgebieten eine intensive Verjüngung stattfindet, stellt der Zustand der Altbäume und der hohe Verbiss des Jungwuchses für die Gesamtpopulation eine

Notes: Bestand

DTN Beispiel: LIASnames Flechten



DiversityTaxonNames, Database: DiversityTaxonNames_Fungi v. 4.2.1

Connection Query Table views Data Administration Help Test

Taxon: Tephromela atra (Huds.) Hafellner ID: 1022030 Vers.: 5 Ignore: Withhold reason: Revision:

Genus/supragen: Tephromela Species epithet: atra Aut.: Huds. Bas. auth.: Hafellner Comb. auth.: Kalb Publ. auth.: Sanct.: Concept suffix:

Rank: species Ori. orthogr.: Ana-/Teleomorph: Notes: Is hybrid

Nomenclature
Code: Botany (incl. Mycology) Status: Creation type: Comment:

Taxonomic reference / Protologue
Lich. Neotrop.
Volume 15 Issue no. 297 D. M. Y. of P. 1983 Suppl.
Use ref.: on P.:
Protol.:

Hierarchy
Sup.tax.: Tephromela M. Choisy
Ref.: Det.:
Notes:

Typification
Black-eyed lichen
Téphromèle noire
Name: Black-eyed lichen
Lang.: English Country: Canada
Context: Det.
Ref.: http://www.umoncton.ca/umce-foresterie
Notes:

Synonymy
Based on: Lichen ater Huds.
Accepted name
Ignore
Concept suffix:
Concept notes:
Reference Detail
Typist notes:

Synonymy overview External data sources
Tephromela atra (Huds.) Hafellner, in Kalb, Lich. Neotrop., 15, no. 297 (1983)
Lichen ater Huds., Fl. Angl. (Hudson) 1: 445 (1762)
Parmelia atra (Huds.) Ach., Method. Lich.: 154 (1803)
Lecanora atra (Huds.) Ach., Lichenogr. Universalis: 344 (1810)
Lecidea aterrima Fée, Bull. Soc. Bot. France 20: 317 (1873)
Lecanora atra var. serialis Müll. Arg., Bull. Herb. Boissier 3: 632 (1895)
Lecanora atra var. australica Räsänen, Suom. Elain-ja Kasvit. Seuran Van. Tiedon. Pöytäkirjat 3: 179 (1949)
Tephromela atra incl. var. ocellata

Query results 1 - 85

- Tephromela aglaea (Sommerf.) Hertel & Rambold
- Tephromela aglaeida (Nyl.) Tindal, ined.
- Tephromela alectoronica Kalb
- Tephromela americana (Fée) Kalb
- Tephromela antarctica Øvstedal
- Tephromela arafurensis Rambold
- Tephromela ameniaca (DC.) Hertel & Rambold
- Tephromela atra (Huds.) Hafellner
- Tephromela atra (Huds.) Hafellner var. atra
- Tephromela atra incl. var. ocellata
- Tephromela atra var. calcarea (Jatta) Clauzade & Cl. Roux
- Tephromela atra var. corticola (Hepp) Hafellner & Jerzer, nom.
- Tephromela atra var. cypria (Körb.) Nimis
- Tephromela atra var. depianata (J. Steiner) Hafellner & Hierzer
- Tephromela atra var. torulosa (Flörke) Hafellner
- Tephromela atra var. torulosa (Flörke) Hafellner
- Tephromela atra var. torulosa (Flot.) Hafellner
- Tephromela atrocaesia (Nyl.) Fryday

order by: Taxonomic Name

Query conditions
Project: LIASnames

Taxonomic name
Name: Tephromela
Genus:
Species:
Creation Ty.:
Rank:
Status:

Authors
Bas.auth.:
Comb.auth.:

Publication
Ye.ofpu.:

Revision
Level:

Accepted name
Presence:

Common name
Name:
Lang.:

Geography
Place:

Taxon list
Presence:
Tax.list:
Analysis:
Value:

DTN Beispiel: LIASnames Flechten



DiversityTaxonNames, Database: DiversityTaxonNames_Fung

Connection Query Table views Data Administration

Query results 1 - 100 of 52456

Aoosphaeria Aptroot

- Aoosphaeria axii (Aa) Aptroot
- = Abacina albocra (Hoffm.) Nordin
- Abrothallaceae Sergio Pérez-Ortega & Ave Suiza
- Abrothallales Sergio Pérez-Ortega & Ave Suiza
- Abrothallus acetabuli Diederich
- Abrothallus bertianus De Not.
- Abrothallus boomii Pérez-Ortega & Suiza
- Abrothallus brattii (S. Y. Kondr.) Suiza & Pérez-Ortega
- Abrothallus buellianus De Not.
- Abrothallus caenulescens Kotte
- Abrothallus canariensis Pérez-Ortega, van den Boom & Suiza
- Abrothallus cetrariae Kotte
- Abrothallus cladoniae R. Sant. & D. Hawksw.
- Abrothallus curreyi Linds.
- Abrothallus De Not.
- Abrothallus dolifomis Pérez-Ortega & Suiza
- Abrothallus ertzi Suiza & Pérez-Ortega
- = Abrothallus exilis (Flörke) A. Massal.
- Abrothallus exilis var. macrosporus Hepp
- = Abrothallus fiesli Hepp
- = Abrothallus glabratulae Kotte
- Abrothallus granulatae Wedin
- Abrothallus halei Pérez-Ortega, Suiza, D. Hawksw. & R. Sant.
- Abrothallus heterodemiicola Etayo & F. Berger
- Abrothallus hypotrachynae Etayo & Diederich
- = Abrothallus inquinans Tul.
- Abrothallus kamchatica (Zhuarb. & Stepanch.) Pérez-Ortega & Suiza
- = Abrothallus lepidophilus Anzi
- Abrothallus macrosporus Etayo & R. Sant.
- Abrothallus microsporus Tul.
- Abrothallus nephromatis Suiza & Pérez-Ortega
- Abrothallus niger Etayo
- = Abrothallus oxysporus Tul.
- = Abrothallus oxysporus Tul. var. oxysporus
- Abrothallus pamellarum (Sommerf.) Arnold
- Abrothallus pamellarum f. chrysanthus Stein
- = Abrothallus pamellarum f. prodians Ham.
- = Abrothallus pamellarum var. peyritschii Stein
- Abrothallus pamotrematis Diederich
- Abrothallus pamotrematis Diederich; nom. inval.
- Abrothallus peyritschii (Stein) Kotte
- Abrothallus pezzicola Diederich & R. C. Hamis
- = Abrothallus placophyllus Anzi
- = Abrothallus prodians (Ham.) Clauzade, Diederich & Cl. Roux;
- Abrothallus prodians (Ham.) Diederich & Hafellner
- = Abrothallus pulverulentus Anzi
- Abrothallus puntillai Brackel
- Abrothallus ramalinae Diederich
- = Abrothallus ricasoli A. Massal.
- Abrothallus secedens Wedin & R. Sant.
- = Abrothallus smithii Tul.
- Abrothallus stereocaulorum Etayo & Diederich
- Abrothallus stictarum Etayo
- Abrothallus strobili Hafellner
- Abrothallus suecicus (Kirschst.) Nordin
- = Abrothallus talcophilus (Ach. ex Flot.) A. Massal.
- Abrothallus teloschistis Brackel
- Abrothallus tulasnei M. S. Cole & D. Hawksw.
- Abrothallus usneae Flabenh.
- = Abrothallus usneae Stein

order by: Taxonomic Name

Query conditions
Project = LIASnames

- Ascomycota Caval.-Sm.
 - Pezizomycotina O. E. Erikss. & Winka
 - Lecanoromycetes O. E. Erikss. & Winka
 - Lecanoromycetidae P. M. Kirk, P. F. Cannon, J. C. David & Stalpers ex Miadl., Lutzoni & Lumbsch
 - Lecanorales Nannf.
 - Tephromelataceae Hafellner
 - Tephromela M. Choisy
 - Tephromela atra (Huds.) Hafellner
 - Tephromela atra (Huds.) Hafellner var. atra
 - Tephromela atra var. calcarea (Jatta) Clauzade & Cl. Roux
 - Tephromela atra var. corticola (Hepp) Hafellner & Jerzer; nom. inval.
 - Tephromela atra var. cypria (Körb.) Nimis
 - Tephromela atra var. deplanata (J. Steiner) Hafellner & Hierzer
 - Tephromela atra var. torulosa (Flörke) Hafellner
 - Tephromela atra var. torulosa (Flörke) Hafellner
 - Tephromela atra var. torulosa (Flot.) Hafellner

Synonymy overview External data sources

- Tephromela atra (Huds.) Hafellner, in Kalb, Lich. Neotrop. 15: no. 297 (1983)
 - Lichen ater Huds., Fl. Angl. (Hudson) 1: 445 (1762)
 - Parmelia atra (Huds.) Ach., Method. Lich. : 154 (1803)
 - Lecanora atra (Huds.) Ach., Lichenogr. Universalis : 344 (1810)
 - Lecidea aterrima Fée, Bull. Soc. Bot. France 20: 317 (1873)
 - Lecanora atra var. serialis Müll. Arg., Bull. Herb. Boissier 3: 632 (1895)
 - Lecanora atra var. australica Räsänen, Suom. Elain-ja Kasvit. Seuran Van. Tiedon. Pöytäkirjat 3: 179 (1949)
 - Tephromela atra incl. var. ocellata



DTN Beispiel: LIASnames Flechten



A Database with Names of Lichens, Lichenicolous Fungi and Non-Lichenized Ascomycetes

About Cooperating Websites Privacy Policy

LIASnames

QUERY WEB SERVICE

Name **Epithet**

Please enter at least the first 2 characters.

Accepted names only
 Include non-nomenclatural names

Classification

Search Result

Entered Name *Tephromela atra* (Huds.) Hafellner
Name ID 1022030

Accepted Name **Tephromela atra** (Huds.) Hafellner, in Kalb, Lich. Neotrop. 15: no. 297 (1983)

Synonyms

- ≡ *Lichen ater* Huds., Fl. Angl. (Hudson) 1: 445 (1762)
- Parmelia atra* (Huds.) Ach., Method. Lich. : 154 (1803)
- Lecanora atra* (Huds.) Ach., Lichenogr. Universalis : 344 (1810)
- = *Lecidea aterrima* Fée, Bull. Soc. Bot. France 20: 317 (1873)
- = *Lecanora atra* var. *serialis* Müll. Arg., Bull. Herb. Boissier 3: 632 (1895)
- = *Lecanora atra* var. *australis* Räsänen, Suom. Eläin- ja Kasvit. Seuran Van. Tiedon. Pöytäkirjat 3: 179 (1949)
- *Tephromela atra* incl. var. *ocellata*

Classification

- Ascomycota Caval.-Sm.
- Pezizomycotina O. E. Erikss. & Winka
- Lecanoromycetes O. E. Erikss. & Winka
- Lecanoromycetidae P. M. Kirk, P. F. Cannon, J. C. David & Stalpers ex Miqdl., Lutzoni & Lumbsch
- Lecanorales Nannf.
- Tephromelataceae Hafellner
- Tephromela M. Choisy
- Tephromela atra (Huds.) Hafellner

LIASnames

- LIAS glossary
- LIAS light
- LIAS metabolites
- LIAS gtm
- LIAS

<https://liasnames.lias.net/>



DWB-DC Autonomie durch DTN



The screenshot displays the DiversityCollection v.4.6.3 web interface. The main window shows specimen details for **Tephromela tropica** (Accession No. M-0024874), identified as an isotype. A photograph of the specimen is visible. The interface includes a left sidebar with a list of specimens and search filters, a central tree view showing the taxonomic hierarchy, and a right sidebar with detailed specimen information and taxonomic data.

Specimen Information:

- Acc. Nr.: M-0024874
- Specimen: 452724
- Event: 319330
- Version: 13 26
- Withhold_reason: 1

Taxonomic Information:

- Tax. group: fungus = Eumycota: mushroom
- Family: Ascomycota | Pezizomycotina | Leotiomycetes | Helotiales | Skyttea | Skyttea tephromelarum
- Order: Helotiales
- Identifier: Skyttea tephromelarum Kalb & Hafellner
- Tax. name: Skyttea tephromelarum Kalb & Hafellner

Location and Date:

- 1985-08-18 Kenya/Central Province. Nanyuki District: zwischen Naro Moru und Nanyuki. In einem dichten Regenwald zw...
- Altitude (mNN): 2050 m NN
- Nanyuki, Rift Valley, Kenya

Search and Filter Options:

- Suchkriterien: Project (BSMlichfungicoll)
- Specimen filters: Acc.no.sp., Depositor, Depos.Ac., Orig.notes, Problems, Withhold., Creat.date
- Event filters: Coll.date, Locality, Loc.verb.
- Place filters: Name.are., Gazettee.U.
- Exsiccata filters: Exsiccata, Number
- Organism filters: Last ident. (%tephrom), Retrieval, Family
- Taxonomic group filters: Tax.group, Identification, Type status

Additional Windows:

- DiversityTaxonNames:** Shows taxonomic details for Skyttea tephromelarum Kalb & Hafellner, including the ID 1020936 and the taxonomic name.

DWB-DC Autonomie durch DTN



DIVERSITY
WORKBENCH

DiversityTaxonNames (DiversityTaxonNames_Fungi) Server: snsb.diversityworkbench.de User: Triebel

Link: http://id.snsb.info/TaxonNames_Fungi/1020936

ID: 1020936

Taxonomic name: Skyttea tephromelarum Kalb & Hafellner

Basiorium: Skyttea tephromelarum Kalb & Hafellner

Rank: sp.

Genus: Skyttea

Infrageneric epithet:

Species epithet: tephromelarum

Infraspecific epithet:

Authors: Kalb & Hafellner

Nomenclatural status:

Publication: Lich. Neotropici. 10, 449. 1988

Valid or ignored: Valid name

Hierarchy ranks:

- Phylum (= division): Ascomycota Caval.-Sm.
- Subphylum (= subdivision): Pezizomycotina O. E. Erikss. & Winka
- Class: Leotiomycetes O. E. Erikss. & Winka
- Order: Helotiales Nannf.
- Genus: Skyttea Sherwood, D. Hawksw. & Coppins
- Species: Skyttea tephromelarum Kalb & Hafellner

Family:

Order: Helotiales

Hierarchy: Ascomycota | Pezizomycotina | Leotiomycetes | Helotiales | Skyttea | Skyttea tephromelarum

Synonym:

Synonymy type:

Accepted name: Skyttea tephromelarum Kalb & Hafellner

Common name:

Language:

Place:

Typification:

Project: LIASnames

List: TaxRef_LIAS_LichFungi_UK, LIASnames Transfer

DiversityCollection v. 4.6.3

Connection | Grid | Query | Data | Administration | Help

Acc. Nr.: M-0024404

Query results 1 - 1000 of 5196

M-0024404

M-0024405

M-0024758

M-0024874

M-0024876

M-0024877

M-0024894

M-0025188

M-0027805

M-0027806

M-0031484

M-0031465

M-0031466

M-0032662

M-0032663

M-0032664

M-0032665

M-0032666

ordnen nach: Acc. Nr.

Suchkriterien

Project: BSMlichfungcoll

Specimen

Acc.no.sp. ~

Depositor ~

Depos. Ac. ~

Orig. notes ~

Problems ~

Withhold. ~

Creat. date ~

Event

Coll. date ~

Locality ~

Loc. verb. ~

Place

Name. are. ~

Gazette. U. ~

Exsiccata

Exsiccata ~

Number ~

Organism

Last ident. ~

Retrieval ~

Family ~

Taxonomic group

Tax. group ~

Identification

Type status ~

Resources of the specimen

Type: photograph = photographic

Note: High resolution image SRFS

Int.N.: ~

Withhold.: ~

D.ord.: ~

Creation: 2017-10-27 by BSM7/mweiss

Last changes: 2017-10-27 by BSM7/mweiss

M-0024404

Arthonia tavaresii Grube & Hafellner

Arthonia tavaresii Grube & Hafellner isotype

Hafellner, J. (No.: 23619)

Hafellner, A.

14-04-0894

1989-02-08 Canary Islands, Tenerife, Macizo de Anaga, Monte de las Mercedes, by the deviating to El Moquinal I.

Altitude (mNN): 820 m NN

Ilas Canarias, Spain

Coordinates WGS84 (Longitude / Latitude) Long. (NS): 28.524963379

M-0040894

Pyrenula Ach.

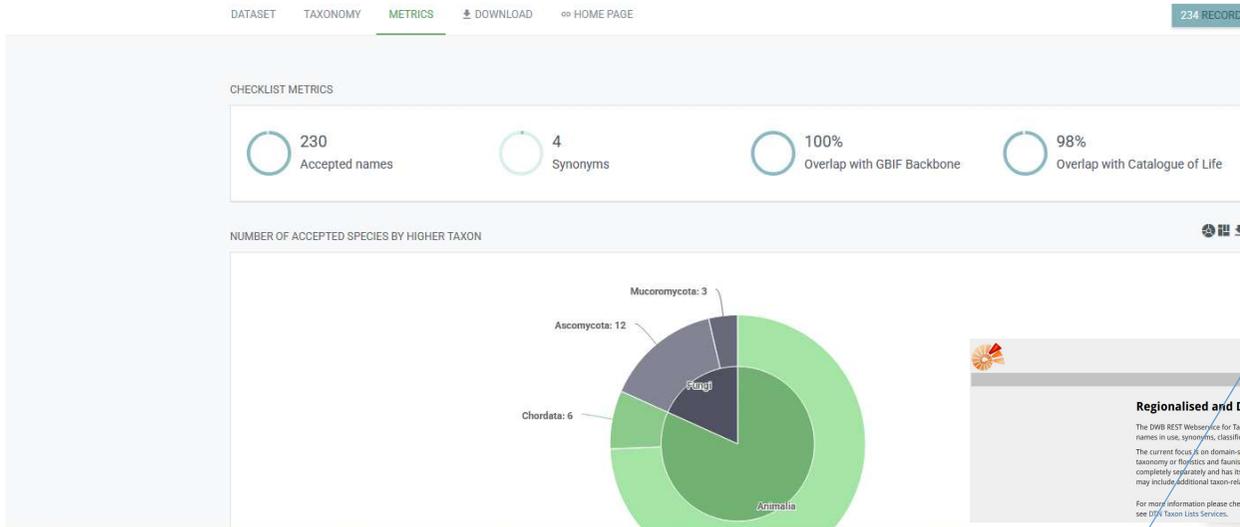


DiversityTaxonNames Interoperabilität



Taxon list of pest organisms for IPM at natural history collections compiled at the SNSB

Published by [Staatliche Naturwissenschaftliche Sammlungen Bayerns](#)
Biebl S • Novoa Sepúlveda C



<https://www.gbif.org/dataset/f73b52a8-5bf2-4888-bce5-3a6a2b3fc52f/metrics>

Regionalised and Domain-specific Taxon Lists

The DWB REST Webservice for Taxon Lists is part of a Diversity Workbench (DWB) services network. It is delivering basic information on taxon names in one, synonyms, classification and German vernacular names of a number of groups of animals, fungi and plants.

The current focus is on domain-specific lists (checklists, taxon reference lists, red lists) from Germany under active curation by experts on taxonomy or phylogeny and faunistics. Each regionalised and domain-specific taxon list has its own history and objectives, is managed completely separately and has its own hierarchical classification. The DiversityTaxonNames (DTN) data resources accessed by the REST API may include additional taxon-related data useful, e. g., for regional nature conservation agencies and environmental projects.

For more information please check [How to use the DWB REST Webservice for Taxon Lists and Overview on Published Lists](#). For content details see [DTN Taxon Lists Services](#).

Taxon list of pest organisms for IPM at natural history collections compiled at the SNSB

TaxRefCode:
TaxRef_SNSB_NHC-Pests

Curators:

- Biebl, S.
- Novoa Sepúlveda, C.

<https://services.snsb.info/DTNtaxonlists/rest/v0.1/static/api-doc.html>



DiversityTaxonNames Interoperabilität



Taxon list of vascular plants from Bavaria, Germany compiled in the context of the BFL project

Published by [Staatliche Naturwissenschaftliche Sammlungen Bayerns](#)

Diewald W • Ahlmer W

DATASET TAXONOMY METRICS DOWNLOAD HOME PAGE

14,367 RECORDS

CHECKLIST METRICS

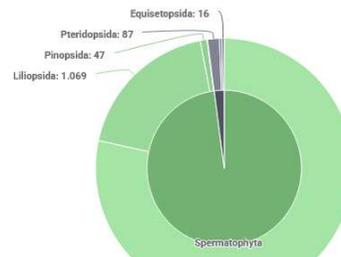
9,262 Accepted names

5,105 Synonyms

92% Overlap with GBIF Backbone

88% Overlap with Catalogue of Life

NUMBER OF ACCEPTED SPECIES BY HIGHER TAXON



<https://www.gbif.org/dataset/d027759f-84bc-4dfc-a5ea-b17a50793451/metrics>

Regionalised and Domain-specific Taxon Lists

The DWB REST Webservice for Taxon Lists is part of a Diversity Workbench (DWB) services network. It is delivering basic information on taxon names in use, synonyms, classification and German vernacular names of a number of groups of animals, fungi and plants.

The current focus is on domain-specific lists (checklists, taxon reference lists, red lists) from Germany under active curation by experts on taxonomy or floristics and faunistics. Each regionalised and domain-specific taxon list has its own history and objectives, is managed completely separately and has its own hierarchical classification. The Diversity TaxonNames (DTN) data resources accessed by the REST API may include additional taxon-related data useful, e.g., for regional nature conservation agencies and environmental projects.

For more information please check [How to use the DWB REST Webservice for Taxon Lists and Overview on Published Lists](#). For content details see [DTN Team Lists Services](#).

Taxon list of vascular plants from Bavaria, Germany compiled in the context of the BFL project

TaxRefCode:
TaxRef_BFL_VPlants

Curators:
• Diewald, W.
• Ahlmer, W.

<https://services.snsb.info/DTNtaxonlists/rest/v0.1/static/api-doc.html>



Diversity Taxon Names Interoperabilität



Botanischer Informationsknoten



DIVERSITY
WORKBENCH

Steckbriefe zu den Gefäßpflanzen Bayerns

Phelipanche purpurea (Jacq.) Soják

taxnr 11972
LfU-taxnr 9P0K004500

Systematik und Morphologie

Trachaeophyta
Spermatophyta
Magnoliophytina
Magnoliopsida DC.
Asteridae Takht.
Lamiales Bromhead
Orobanchaceae Vent.
Phelipanche Pomel
Phelipanche purpurea (Jacq.) Soják
H Phelipanche purpurea (Jacq.) Soják subsp. purpurea
H Phelipanche purpurea subsp. millefolii (Rchb.) Carlón & al.

Syn./incl.: Orobanche purpurea Jacq., Orobanche caerulea Vill.

Gefährdung nach Roter Liste Deutschland 2018

Für Synonym *Orobanche purpurea* Jacq. :
3 gefährdet

Gefährdung nach Roter Liste Bayern 2003 (Erläuterungen)

Für Synonym *Orobanche purpurea* Jacq. :
2 stark gefährdet

Anmerkungen zum Taxon

Anmerkungen aus Rote Liste Bayern 2003

Für Synonym *Orobanche purpurea* Jacq. :
Zu den von Pusch in Wisskirchen & Haeupler (1998) aufgeführten var. bohemica und var. purpurea liegen keine Daten vor.

Zeigerwerte nach Ellenberg

Für Synonym *Orobanche purpurea* Jacq.

Lichtzahl	L: 7 = Halblichtpflanze
Temperaturzahl	T: 7 = Wärmezeiger
Kontinentalitätszahl	K: 5 = subozeanisch bis subkontinental
Feuchtezahl	F: 4 = Trocken- bis Frischezeiger
Reaktionszahl	R: 7 = Schwachsäure- bis Schwachbasenzeiger
Stickstoffzahl	N: 2 = stickstoffarme bis -ärmste Standorte anzeigend
Salzzahl	S: 0 = nicht salzertragend

Lebensform	Lebensform: G = Geophyt Vollparasit
Blattausdauer	Blattausdauer: S = sommergrün
Soziologie	Soziologie: 5 = Anthropo-zoogene Heiden und Wiesen

https://daten.bayernflora.de/de/info_pflanzen.php?taxnr=11972



DTN Software Dokumentation



- Software erklärt unter <http://www.diversityworkbench.net/Portal/DiversityTaxonNames>
- Und im DWB Manual unter <https://www.diversityworkbench.de/manual/dwb/modules/diversitytaxonnames/index>

DTN Publikationen



- Nova Sepúlveda, C., Biebl, S., Pöllath, N., Seifert, S., Weiss, M., Weibulat, T., Triebel, D. 2023. GBIF-Compliant Data Pipeline for the Management and Publication of a Global Taxonomic Reference List of Pests in Natural History Collections. Biodiversity Information Science and Standards 7: e112391. – <https://doi.org/10.3897/biss.7.112391>
- Novotný, P., Seifert, S., Rohn, M., Diewald, W., Štech, M. & Triebel, D. 2022. Software infrastructure and data pipelines established for technical interoperability within a cross-border cooperation for the flora of the Bohemian Forest. Biodiversity Data Journal 10: e87254: 1–21, <https://doi.org/10.3897/BDJ.10.e87254>
- Schweiger, A.H., Ullmann, G.M., Nürk, N.M., Triebel, D., Schobert, R. & Rambold, G. 2021. Chemical properties of key metabolites determine the global distribution of lichens. Ecol. Letters 2021;00:1–11: <https://doi.org/10.1111/ele.13930>



DTN Datensätze in GBIF (Beispiele)



- Biebl S, Novoa Sepúlveda C. **2023** onwards. Taxon list of **pest** organisms for IPM at natural history collections compiled at the SNSB. Staatliche Naturwissenschaftliche Sammlungen Bayerns. Checklist dataset <https://doi.org/10.15468/eanrzt> accessed via GBIF.org on 2026-03-08. (234 records)
- Diewald W, Ahlmer W. **2016** onwards. Taxon list of **vascular plants from Bavaria**, Germany compiled in the context of the BFL project. Staatliche Naturwissenschaftliche Sammlungen Bayerns. Checklist dataset <https://doi.org/10.15468/nbilcw> accessed via GBIF.org on 2026-03-08. (14.367 records)
- Ebert M. **2015** onwards. Taxon list of **Jurassic Pisces** of the Tethys Palaeo-Environment compiled at the SNSB-JME. Staatliche Naturwissenschaftliche Sammlungen Bayerns. Checklist dataset <https://doi.org/10.15468/hoflre> accessed via GBIF.org on 2026-03-08. (1.397 records)
- Höfer H. **2018** onwards. Taxon list of **Araneae from Germany** compiled in the context of the GBOL project. Staatliche Naturwissenschaftliche Sammlungen Bayerns. Checklist dataset <https://doi.org/10.15468/tvtrln> accessed via GBIF.org on 2026-03-08. (1.694 records)
- Holstein J, Monje J C. **2016** onwards. Taxon list of **animals with German names** (worldwide) compiled at the SMNS. Staatliche Naturwissenschaftliche Sammlungen Bayerns. Checklist dataset <https://doi.org/10.15468/6ouqwi> accessed via GBIF.org on 2026-03-08. (18.224 records)



Zukunft – Bewertung der DTN Listen



- nach Qualität, Umfang und wissenschaftlichem Inhalt
- nach Verfügbarkeit, Nutzung und technischem Service und vielem mehr

Literatur hierzu:

Thomas Pape, Richard L Pyle, Olaf Bánki, Saroj K Barik, Alex J Berryman, Patrice Bouchard, John Buckeridge, Les Christidis, María Marta Cigliano, Stijn Conix, Haylee Crawford-Weaver, Peter Paul van Dijk, Markus Döring, Neal Evenhuis, Craig Hilton-Taylor, Donald Hobern, Claire Johnston, Ronell R Klopper, Andreas Kroh, Marianne Le Roux, Aaron M Lien, Lauren Raz, Scott Thomson, Leen Vandepitte, Frank E Zachos, Stephen T Garnett, **Measuring the Quality of Species List Contents**, *BioScience*, 2026; biaf191, <https://doi.org/10.1093/biosci/biaf191>

Danke für die Aufmerksamkeit!

