

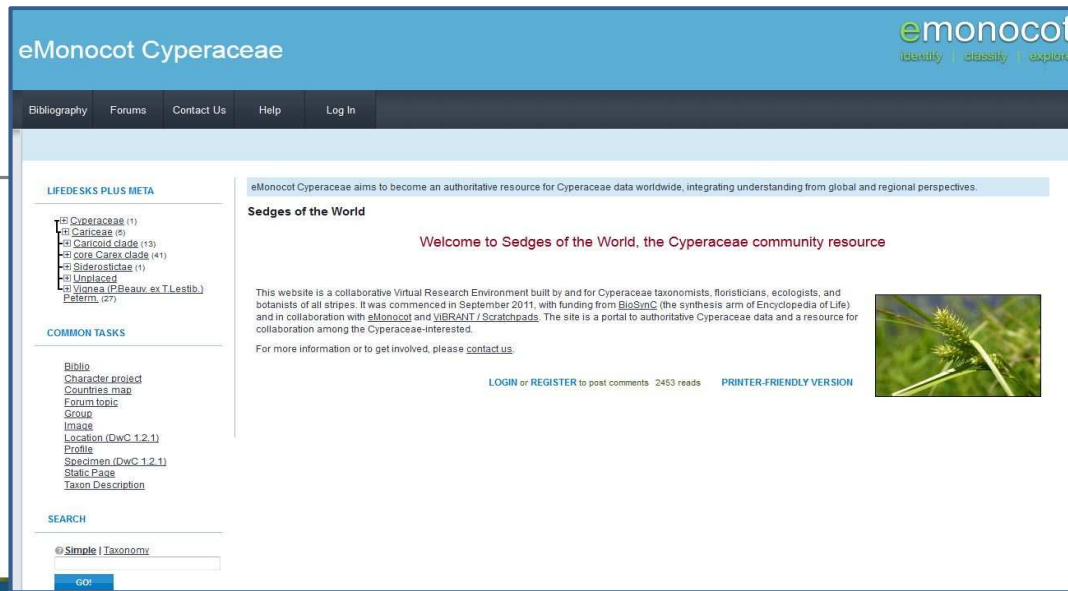
Interoperability between Scratchpads and the EDIT Platform for Cybertaxonomy

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- ViBRANT aims to provide a framework for managing biodiversity information on the Web.
- Several platforms:
 - EDIT platform for Cybertaxonomy (BGBM, Berlin)
 - Scratchpads (NHM, London)
 - Biowikifarm (JKI, Berlin)
 - Xper2 (UPMC, Paris)

focus: interoperability



eMonocot Cyperaceae
Identify | classify | explore

Bibliography Forums Contact Us Help Log In

LIFEDESKS PLUS META

- Cyperaceae (1)
 - Caticaceae (6)
 - Caricoid clade (13)
 - Carex Carex clade (41)
 - Siderostictae (1)
 - Unplaced
 - Vorona (P.Beauv. ex T.Lestib.) Patern. (27)
 - Palerm. (27)
 - COMMON TASKS
 - Biblio
 - Character project
 - Countries map
 - Forum topic
 - Group
 - Image
 - Location (DwC-1.2.1)
 - Profile
 - Specimen (DwC-1.2.1)
 - Static Page
 - Taxon Description

SEARCH

Simple | Taxonomy

GO

eMonocot Cyperaceae aims to become an authoritative resource for Cyperaceae data worldwide, integrating understanding from global and regional perspectives.


Sedges of the World

Welcome to Sedges of the World, the Cyperaceae community resource

This website is a collaborative Virtual Research Environment built by and for Cyperaceae taxonomists, florists, ecologists, and botanists of all stripes. It was commenced in September 2011, with funding from BioSimC (the synthesis arm of Encyclopedia of Life) and in collaboration with eMonocot and ViBRANT / Scratchpads. The site is a portal to authoritative Cyperaceae data and a resource for collaboration among the Cyperaceae-interested.

For more information or to get involved, please [contact us](#).

LOG IN or REGISTER to post comments 2453 reads [PRINTER-FRIENDLY VERSION](#)



Scratchpad

EDIT data portal



PALMweb

Home About Palms What is Palmweb? FAQ Contributors Login

Classification

- Acanthophoenix
- Acocelorrhaphe
- Acrocomia
- Actinokentia
- Actinorhynchus
- Adonidia
- Aiphanes
- Allagoptera
- Ammandra
- Aphandra
- Archontophoenix
- Areca
- Arenga
- Asterogyne

Search taxa

Misapplied names

Search

Advanced Search


Palm Resources

- Glossary of Palm Terms
- Bibliography
- Keys

Further links

Palmweb - Palms of the World Online


Palmweb is an authoritative source of information about palms, one of the most important plant families in the world. It contains data compiled by palm diversity experts for all 2,400 palm species. Palms are among the most charismatic plants in the world. They include record breaking species with the longest leaves and heaviest seed, as well as some of the most economically valuable of all plants.



Here you can:

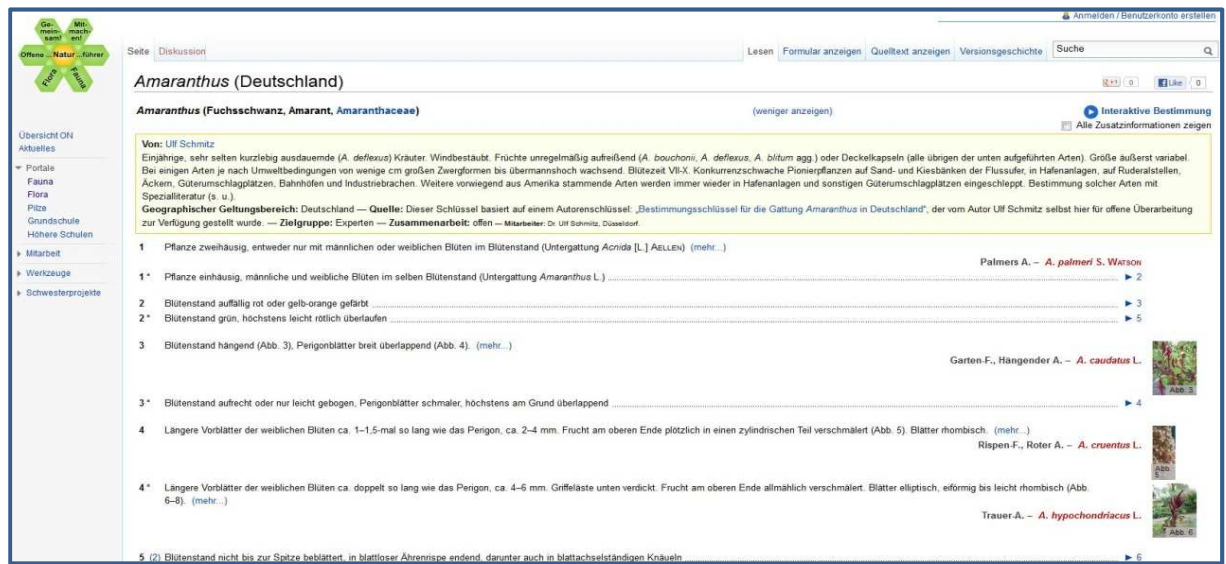
- Identify palms using keys, descriptions and images
- Classify palm species according to the most up-to-date names
- Explore images, maps, literature, specimens and many other kinds of information for all palm species.

[Read more...](#)



BGBM ROYAL BOTANIC GARDENS AARHUS UNIVERSITY

MediaWiki site



Seite | Diskussion

Amaranthus (Deutschland)

Amaranthus (Fuchsschwanz, Amaran, Amaranthaceae)

(weniger anzeigen)

Von: Ulf Schmitz

Einjährige, sehr selten kurzlebig ausdauernde (*A. deflexus*) Kräuter. Windbestäubt. Früchte unregelmäßig aufreißend (*A. bouchonii*, *A. deflexus*, *A. bifurcatus*) oder Deckelkapseln (alle übrigen der unten aufgeführten Arten). Größe äußerst variabel. Bei einigen Arten je nach Umweltbedingungen von wenige cm großen Zwergformen bis übermannshoch wachsend. Blütezeit VI-X. Konkurrenzschwache Pionierpflanzen auf Sand- und Kiesbänken der Flussufer, in Hafenanlagen, auf Ruderalstellen, Äckern. Güterumschlagplätzen, Bahnhöfen und Industriebrachen. Weitere vorwiegend aus Amerika stammende Arten werden immer wieder in Hafenanlagen und sonstigen Güterumschlagplätzen eingeschleppt. Bestimmung solcher Arten mit Spezialliteratur (s. u.).

Geographischer Geltungsbereich: Deutschland — **Quelle:** Dieser Schlüssel basiert auf einem Autorenschlüssel: „Bestimmungsschlüssel für die Gattung *Amaranthus* in Deutschland“, der vom Autor Ulf Schmitz selbst hier für offene Überarbeitung zur Verfügung gestellt wurde. — **Zielgruppe:** Experten — **Zusammenarbeit:** offen — **Wartung:** Ulf Schmitz, Düsseldorf

- Pflanze zweihäusig, entweder nur mit männlichen oder weiblichen Blüten im Blütenstand (Untergattung *Acnida* [L.] ALLEN) (mehr...)
- Pflanze einhäusig, männliche und weibliche Blüten im selben Blütenstand (Untergattung *Amaranthus* L.)
- Blütenstand auffällig rot oder gelb-orange gefärbt
- Blütenstand grün, höchstens leicht rötlich überlaufen
- Blütenstand hängend (Abb. 3); Perigonblätter breit überlappend (Abb. 4). (mehr...)
- Blütenstand aufrecht oder nur leicht gebogen, Perigonblätter schmaler, höchstens am Grund überlappend
- Längere Vorblätter der weiblichen Blüten ca. 1–1,5-mal so lang wie das Perigon, ca. 2–4 mm. Frucht am oberen Ende plötzlich in einen zylindrischen Teil verschmälert (Abb. 5). Blätter rhombisch. (mehr...)
- Längere Vorblätter der weiblichen Blüten ca. doppelt so lang wie das Perigon, ca. 4–6 mm. Griffeläste unten verdickt. Frucht am oberen Ende allmählich verschmälert. Blätter elliptisch, eiförmig bis leicht rhombisch (Abb. 6–8). (mehr...)
- Blütenstand nicht bis zur Spitze beblättert, in blattloser Ährenspitze endend, darunter auch in blattstachelständigen Knäueln

Palmer's A. – *A. palmeri* S. Watson

Garten-F., Hangender A. – *A. caudatus* L.

Rippen-F., Roter A. – *A. cruentus* L.

Trauer A. – *A. hypochondriacus* L.

- Demand for a software solution that integrates taxonomic data from a variety of sources
- Enabling users to perform cross-platform searches
 - Unified views
 - Link to original source
 - Show statistical overviews
 - Show different classifications of the same Taxon
 - Enable user to exploit the strengths of different systems

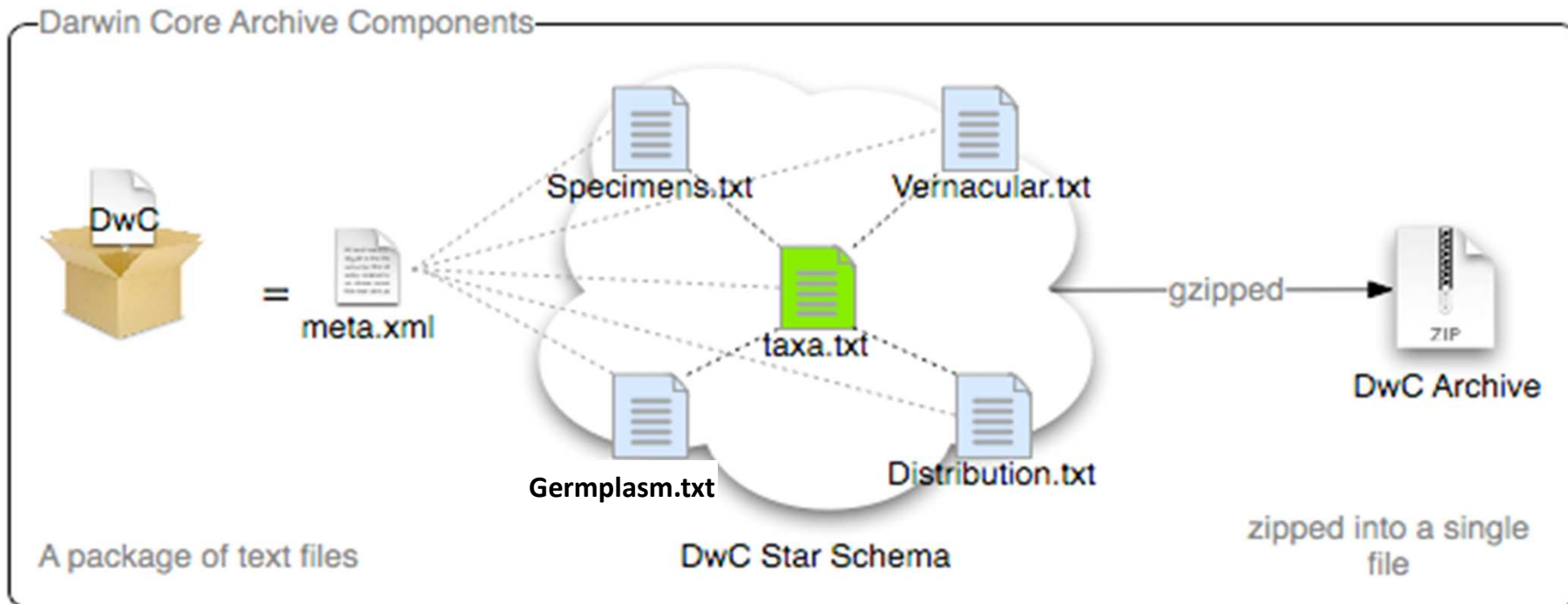
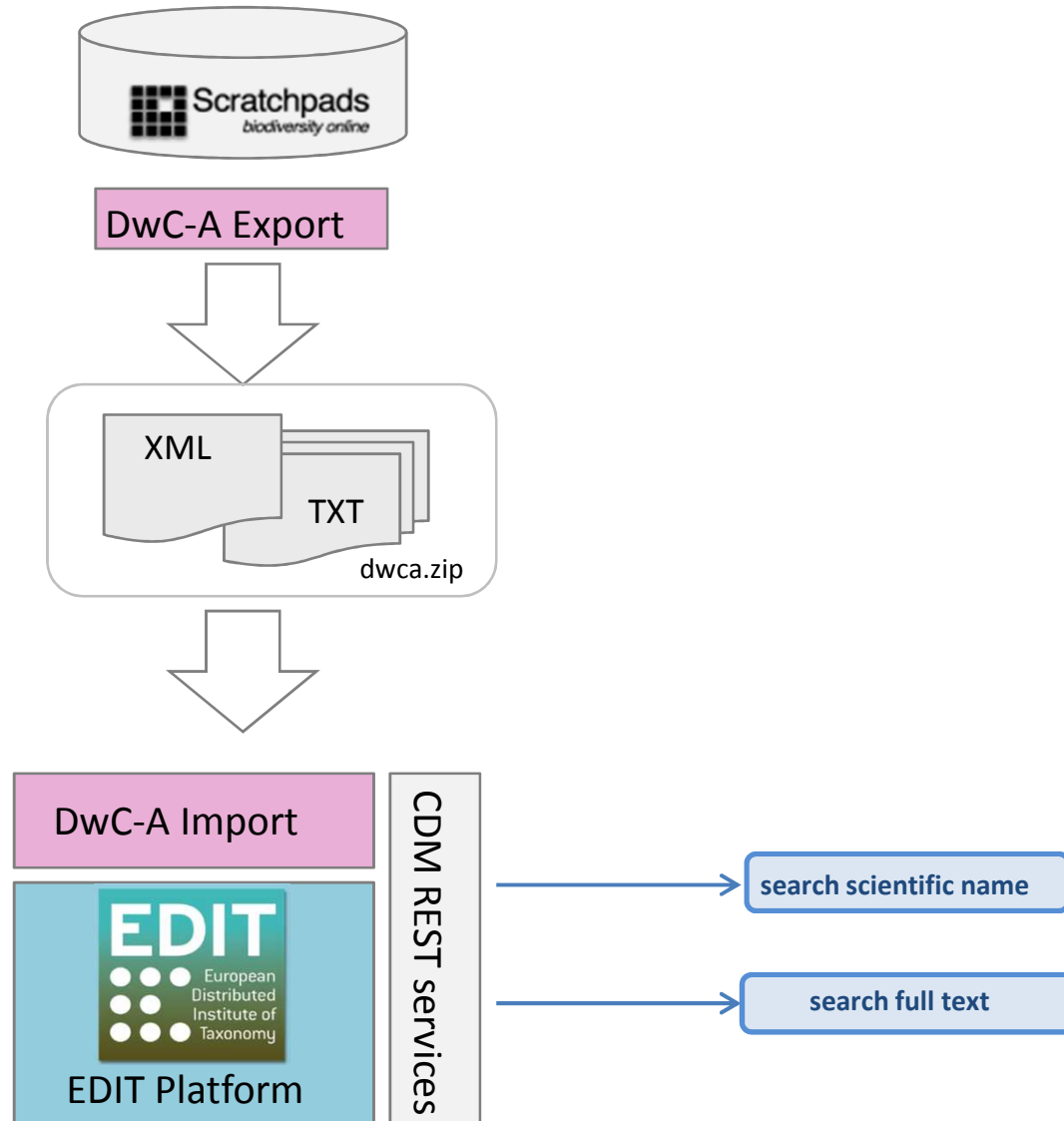


Image source: www.gbif.org



Scratchpad to DwC-A Mapping Module

1. User creates Scratchpad view for taxon core and extension data they want to export (or uses default views that are provided with module)
2. User configures the DwC-A term mapping to each Scratchpad field they want to export (multi-step form).
3. DwC-A zip file generated on cron, containing the meta.xml (configured by the user) and the text files for each of the views.

Dashboard Content Structure Appearance People Modules **Configuration** Import Reports Help

Hello wp5Admin Log out

Edit shortcuts

DwC-A to views mapping: Step 1

Select the views to map to dwca terms.

DwC-A views

- dwca_export_classification
- dwca_export_distribution
- dwca_export_eol_agents
- dwca_export_image
- dwca_export_reference
- dwca_export_specimen
- dwca_export_vernacular_names

Next

select view for dwca_export_distribution

Step 1:
Select from available
Scratchpad views

Step 2:
Enter URL for extension or
accept default

Dashboard Content Structure Appearance People Modules **Configuration** Import Reports Help

Hello wp5Admin Log out

HOME ADMINISTRATION CONFIGURATION SYSTEM DARWINCORE ARCHIVE (DWC-A) EXPORT MAPPING MODULE

Edit shortcuts

DwC-A to views mapping: Step 2

DWCA_EXPORT_DISTRIBUTION

DWCA_EXPORT_EOL_AGENTS

DWCA_EXPORT_IMAGE

Previous Next

Enter the URL for the rowType that maps to the view - dwca_export_eol_agents

Dashboard Content Structure Appearance People Modules **Configuration** Import Reports Help

HOME ADMINISTRATION CONFIGURATION SYSTEM DARWINCORE ARCHIVE (DWC-A) EXPORT MAPPING MODULE

DwC-A to views mapping: Step 3

Click on a view name below to expand the form to map field names to terms in DwC-A.

dwca_export_image

UUID

URI Enter the DwC-A term for the field - uri

FILENAME

FILEMIME

FIELD_CC_LICENCE

UUID_1

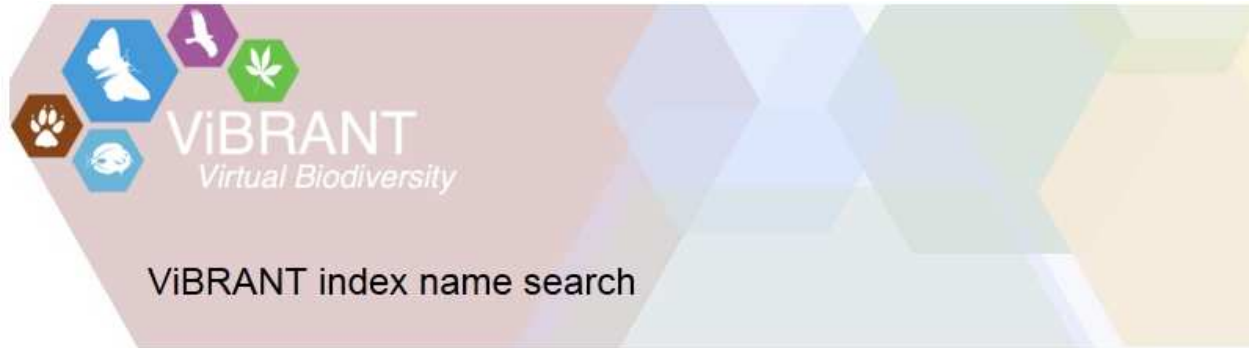
dwca_export_distribution

[Previous](#) [Finish](#)

Clicking 'Finish' writes a meta.xml containing the specified rowTypes and terms to the file system and the database, so that next time the dwca.zip file is created (via cron) it will contain the meta.xml with the appropriate mappings.

Cross-platform search using CDM-ViBRANT Index

1. Data has been imported from several eMonocot Scratchpad sites, Euro-Plus-Med and Med-checklist into a CDM database.
2. REST web service layer to query the CDM for scientific names and descriptive data
3. Web-based user interface to call the web-services and present the data using XSLT.

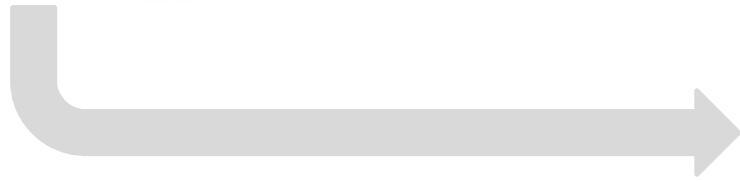


Fill in the empty field in order to query the database for a specific name.

Search for a scientific name like "Lapsana*". Or for an exact match type the full scientific name e.g. "Lapsana adenophora Boiss.;"

Name:

Or [search](#) all fields including descriptive data.



Search results:

2 unique names found. Click on name for details of source.

[Dioscoreaceae](#)

[Dioscoreaceae R.Br.](#)



ViBRANT
Virtual Biodiversity

ViBRANT index full text search

Fill in the empty field in order to query the database.
Search all fields including descriptive data. For a wild card search use * e.g. annual*:

Enter query text:

Or [search on scientific name](#) only.

Name: Dioscorea wallichii Hook.f. sec. Dioscoreaceae (Scratchpads) 100%

Status: Taxon

Source: Dioscoreaceae (Scratchpads)

Tubers palmately branched, cylindric. Stem twining to right, stout, glabrous. Leaves opposite or alternate, simple; petiole 4–12 cm; leaf blade orbicular or ovate, 6–18 × 6–22 cm, glabrous, basal veins 7–11, base cordate to deeply so with narrow sinus and basal lobes rounded, margin entire, apex acute or shortly acuminate. Male spike 2–5 cm, in delicate, axillary panicles 4–10 cm; rachis straight. Male flowers: bracts triangular-ovate; perianth purplish red dotted, outer lobes elliptic

[View summary in source database](#)

Name: Tacca leontopetaloides (L.) Kuntze sec. Dioscoreaceae (Scratchpads) 100%

Status: Taxon

Source: Dioscoreaceae (Scratchpads)

Plante herbacée pouvant atteindre 1.5 (-2) m de haut; rhizome tubéreux, globuleux à largement elliptique, situé jusqu'à 50 cm de profondeur, le nouveau **tubercule** édifié pendant la période de croissance prenant naissance sur un rhizome court ou pouvant atteindre 30 cm et restant à l'état de repos pendant le flétrissement des organes aériens, à enveloppe fine, de (1.5-)3-5 cm de haut et (1-)4(-8) cm de large, blanchâtre à l'état jeune, devenant gris sombre à brun en vieillissant, faiblement

[View summary in source database](#)

Name: Echium tuberculatum Hoffmanns. & Link sec. GREUTER et. al., Med-Checklist 1. 1984 28.33%

Status: Taxon

Source: GREUTER et. al., Med-Checklist 1. 1984

Echium **tuberculatum** Hoffmanns. & Link sec. GREUTER et. al., Med-Checklist 1. 1984

[View summary in source database](#)

Further work

- Harvest all data from available Scratchpads
- Enhance query interface
 - Filter by classification
 - Provide a statistical overview e.g. number of taxa, synonyms, names
 - filtered by classification/distribution/family

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(NHM)

Edward Baker, Simon Rycroft

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