Package 'UKVegTB'

July 10, 2025

Title UK Vegetation Science Taxonomic Backbone

Version 0.1.0

Date 2025-07-10

Description A lightweight taxonomic backbone of photoautotrophic taxa based on the UKSI, designed for use in vegetation science.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

LazyDataCompression xz

URL <https://github.com/NERC-CEH/UKVegTB>

BugReports <https://github.com/NERC-CEH/UKVegTB/issues>

Depends R (>= 4.4)

LazyData true

Contents

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taxa_lookup	*Taxa lookup*

Description

A lookup between the reccomended taxa as present in `UKVegTB::taxonomic_backbone` and associated synonymous taxon concepts present in the UKSI.

Usage

```
taxa_lookup
```

Format

A data frame with 67558 rows and 13 columns, the definitions of which are:

informal_group The informal group of the taxon.

taxon_name The taxon name of the synonymous taxon concept associated with the reccomended_taxon_name.

rank The taxonomic rank of the taxon.

qualifier The qualifier of the taxon.

authority The authority responsible for the description of the taxon.

full_name The full name of the taxon, formed from the combination of the taxon_name and qualifier.

TVK The UKSI taxon version key associated with the taxon_name.

recommended_taxon_name The recommended taxon name for the taxon concept in the taxon_name column.

recommended_rank The taxonomic rank of the recommended_taxon_name.

recommended_qualifier The qualifier of the recommended_taxon_name

recommended_authority The authority responsible for the description of the recommended_taxon_name.

recommended_full_name The full name of the recommended_taxon_name, formed from the combination of the recommended_taxon_name and recommended_qualifier.

recommended_TVK The UKSI taxon version key associated with the recommended_taxon_name.

Details

```
taxa_lookup
```

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taxonomic_backbone   *Taxonomic Backbone*

Description

The taxonomic backbone used in RMAVIS. Formed by selecting the recommended taxa from the following informal groups: "alga", "chromist", "clubmoss", "conifer", "fern", "flowering plant", "ginkgo", "hornwort", "horsetail", "lichen", "liverwort", "moss", "quillwort", and "stonewort" in version 20250703a of the UKSI, then retrieving the parent taxa.

Usage

```
taxonomic_backbone
```

Format

A data frame with 23491 rows and 55 columns, the definitions of which are:

TVK

taxon_name

rank

qualifier

authority

full_name

informal_group

Unranked

Domain

Kingdom

Subkingdom

Infrakingdom

Division

Subdivision

Phylum

Subphylum

Infraphylum

Superclass

Class

Subclass

Superorder

Order

Suborder

Superfamily

Family

Subfamily

Family aggregate

Tribe

Genus

Genus aggregate

Subgenus

Section

Subsection

Species group

Series

Species aggregate

Species sensu lato

Generic hybrid

Species

Species pro parte

Species hybrid

Subspecies

Subspecies hybrid

Subspecies aggregate

Nothosubspecies

Microspecies

Cultivar

Details

taxonomic_backbone

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