

Package ‘UKVegTB’

July 27, 2025

Title UK Vegetation Science Taxonomic Backbone

Version 0.1.2

Date 2025-07-27

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

taxa_lookup	1
taxonomic_backbone	2
Index	5

taxa_lookup	<i>Taxa lookup</i>
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Description

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

Usage

taxa_lookup

Format

A data frame with 67555 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 recommended_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

taxonomic_backbone	<i>Taxonomic Backbone</i>
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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 23477 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

Index

* **datasets**

taxa_lookup, [1](#)

taxonomic_backbone, [2](#)

taxa_lookup, [1](#)

taxonomic_backbone, [2](#)