

Package ‘fqadata’

July 22, 2025

Title Contains Regional Floristic Quality Assessment Databases

Version 1.1.1

Description Contains regional Floristic Quality Assessment databases that have been approved or approved with reservations by the U.S. Army Corps of Engineers (USACE). Paired with the 'fqacalc' R package, these data sets allow for Floristic Quality Assessment metrics to be calculated. For information on FQA see Spyreas (2019) [doi:10.1002/ecs2.2825](https://doi.org/10.1002/ecs2.2825). Both packages were developed for the USACE by the U.S. Army Engineer Research and Development Center's Environmental Laboratory.

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Depends R (>= 2.10)

Suggests dplyr, testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

URL <https://github.com/EcoModTeam/fqadata>

BugReports <https://github.com/EcoModTeam/fqadata/issues>

NeedsCompilation no

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Repository CRAN

Date/Publication 2025-04-30 08:00:02 UTC

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fqa_citations*Citations for Floristic Quality Assessment Databases*

Description

A data set containing citations for the regional Floristic Quality Assessment (FQA) databases contained in this package, as well as information on approval status, and notes regarding the proper application of the regional database.

Usage

fqa_citations

Format

A data frame

fqa_db Regional FQA database

recommended Indicates if the regional FQA database was recommended for use by the U.S. Army Corps of Engineers

notes Notes on the limitations or recommended usage of the regional FQA database

citation A citation for the regional FQA database ...

fqa_db*Regional Floristic Quality Assessment Databases*

Description

A data set containing regional Floristic Quality Assessment databases. Each of these databases has been approved or approved with reservations for use by the U.S. Army Corps of Engineers. Paired with the fqacalc R package, these data sets allow for Floristic Quality Assessment metrics to be calculated.

Usage

fqa_db

Format

A data frame

name Latin name for species, either accepted name or synonym

name_origin Indicates if the name is the accepted scientific name or a synonym

acronym A unique acronym for each species. Not always consistent between FQA databases

accepted_scientific_name The accepted botanical nomenclature

family Taxonomic family of species

nativity Nativity status. Native, introduced, and undetermined are possible values

c Coefficient of Conservatism (C Value)

w Wetness Coefficient

wetland_indicator Wetland indicator status

physiognomy Structure or physical appearance of species

duration Lifespan of species

common_name Common name(s) for species

fqa_db Regional FQA database

Source

See fqa_citations

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