Package ‘fqadata’

April 17, 2023

Title Contains Regional Floristic Quality Assessment Databases

Version 1.0.0

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>. 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

NeedsCompilation no

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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 ...

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**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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