

# Package ‘fqadata’

April 30, 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.

**License** CC0

**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

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fqa\_citations*Citations for Floristic Quality Assessment Databases*

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**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*

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**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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