

Package: plants.around.me (via r-universe)

August 25, 2024

Title Find Native Plants Around Me

Version 0.0.2

Description Get information on native plants found around a given location. Currently only available for the Iberian Peninsula.

License GPL (>= 3)

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

URL <https://github.com/Pakillo/plants.around.me>

BugReports <https://github.com/Pakillo/plants.around.me/issues>

Imports dplyr, sf

Depends R (>= 4.1.0)

LazyData true

LazyDataCompression bzip2

Repository <https://pakillo.r-universe.dev>

RemoteUrl <https://github.com/Pakillo/plants.around.me>

RemoteRef HEAD

RemoteSha 19f369bf3cbf17505cfbb97a49402a27c9dafce8

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get_checklist	<i>Get checklist of native plants around given coordinates</i>
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Description

Get a checklist of the native vascular plants around a given point in the Iberian Peninsula

Usage

```
get_checklist(lon = NULL, lat = NULL)
```

Arguments

lon	Numeric. Longitude in geographic coordinates
lat	Numeric. Latitude in geographic coordinates

Value

A dataframe

Note

As the original data (AFLIBER database) have 10-km resolution, the resulting checklist may include taxa present within 10 km distance of the point or polygon.

Examples

```
head(get_checklist(lon = -5, lat = 40))
```

locs	<i>Taxa distributions</i>
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Description

Taxa distributions

Usage

```
locs
```

Format

locs:

A data frame with 1,824,549 rows and 5 columns:

Taxon taxon

Family family

GBIF_id GBIF ID

lng longitude in decimal degrees

lat latitude in decimal degrees

Source

<https://doi.org/10.1111/geb.13363>

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* **datasets**

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