Package 'ratdat'

July 23, 2025

Type Package

Title Portal Project Teaching Database

Version 1.1.0

Description A simplified version of the Portal Project Database designed for
teaching. It provides a real world example of life-history, population, and
ecological data, with sufficient complexity to teach many aspects of data
analysis and management, but with many complexities removed to allow
students to focus on the core ideas and skills being taught. The full
database (which should be used for research) is available at
<https://github.com/weecology/PortalData>.

Depends R (>= 3.5.0)

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Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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complete	*Complete survey data.*

Description

Data on individual rodents captured at the Portal Project and the plots they were captured in.

Usage

```
complete
```

Format

A data frame with columns:

record_id Unique record identifier

month Month captured

day Day captured

year Year captured

plot_id Plot individual was captured on

species_id Species identifier

sex Sex of the individual

hindfoot_length Length of a back foot in mm

weight Weight of the individual in g' Species data.

genus The genus of the species

species The latin species name

taxa General taxonomic category of the species

plot_type Type of experimental manipulation conducted on the plot

Source

Portal Project Teaching Database, doi:10.6084/m9.figshare.1314459

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complete_old	*Complete survey data from 1977 to 1989.*

Description

Data on individual rodents captured at the Portal Project and the plots they were captured in. This data.frame is the same as 'complete', but only containing data from 1977 to 1989. This is so that instructors can have learners begin working with a clean, older dataset, and later introduce a messy version of the newer years of data, in whatever format fits their needs.

Usage

```
complete_old
```

Format

A data frame with columns:

record_id Unique record identifier

month Month captured

day Day captured

year Year captured

plot_id Plot individual was captured on

species_id Species identifier

sex Sex of the individual

hindfoot_length Length of a back foot in mm

weight Weight of the individual in g' Species data.

genus The genus of the species

species The latin species name

taxa General taxonomic category of the species

plot_type Type of experimental manipulation conducted on the plot

Source

Portal Project Teaching Database, doi:10.6084/m9.figshare.1314459

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plots	*Plots data.*

Description

Data on the plots at the Portal Project

Usage

```
plots
```

Format

A data frame with columns:

plot_id Numeric identifier for the plot

plot_type Type of experimental manipulation conducted on the plot

Source

Portal Project Teaching Database, doi:10.6084/m9.figshare.1314459

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species	*Species data.*

Description

Data on species captured at the Portal Project

Usage

```
species
```

Format

A data frame with columns:

species_id Species identifier

genus The genus of the species

species The latin species name

taxa General taxonomic category of the species

Source

Portal Project Teaching Database, doi:10.6084/m9.figshare.1314459

surveys	*Survey data.*

Description

Data on individual rodents captured at the Portal Project

Usage

```
surveys
```

Format

A data frame with columns:

record_id Unique record identifier

month Month captured

day Day captured

year Year captured

plot_id Plot individual was captured on

species_id Species identifier

sex Sex of the individual

hindfoot_length Length of a back foot in mm

weight Weight of the individual in g' Species data.

Source

Portal Project Teaching Database, doi:10.6084/m9.figshare.1314459

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