# Package 'ratdat'

May 9, 2026

**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)

**License** CC0

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.2.3

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**NeedsCompilation** no

**Author** S.K. Morgan Ernest [aut] (ORCID: <https://orcid.org/0000-0002-6026-8530>), James H. Brown [aut], Thomas J. Valone [aut], Michael J. Culshaw-Maurer [aut] (ORCID: <https://orcid.org/0000-0003-2205-8679>), Ethan P. White [aut, cre] (ORCID: <https://orcid.org/0000-0001-6728-7745>)

**Maintainer** Ethan P. White <ethan@weecology.org>

**Repository** CRAN

**Date/Publication** 2023-11-22 00:30:02 UTC

# Contents

complete . . . . . 2
complete_old . . . . . 3
plots . . . . . 4
species . . . . . 4
surveys . . . . . 5

**Index** **6**

---

`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

`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

## 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

## 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

# Index

∗ **datasets**
    complete, 2
    complete_old, 3
    plots, 4
    species, 4
    surveys, 5

complete, 2
complete_old, 3

plots, 4

species, 4
surveys, 5