Package 'mddmaps'

May 8, 2026

Type Package

Title Download World Mammal Maps

Version 1.3.0

Description Lightweight maps of mammals of the world. These maps are a comprehensive collection of maps aligned with the Mammal Diversity Database taxonomy of the American Society of Mammalogists. They are generated at low resolution for easy access, consultation and manipulation in shapefile format. The package connects to a binary backup hosted in the Digital Ocean cloud service and allows individual or batch download of any mammal species in the mdd taxonomy by providing the scientific species name.

License GPL (>= 3)

Encoding UTF-8

RoxygenNote 7.2.3

Depends R (>= 2.10)

LazyData true

Imports httr, progress, readr, stringr, terra, utils

URL <https://github.com/alrobles/mddmaps>, <https://alrobles.github.io/mddmaps/> <https://zenodo.org/records/10974868>,

https://alrobles.github.io/mddmaps/

BugReports https://github.com/alrobles/mdd/issues

NeedsCompilation no

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Repository CRAN

Date/Publication 2024-05-14 07:53:07 UTC

Contents

`get_mdd` *Function to return mammal shapefiles of Rodentia order*

Description

Function to return mammal shapefiles of Rodentia order

Usage

```
get_mdd(dir = NULL, version = "v1_2")
```

Arguments

`dir`	A directory where to write the output
`version`	The mdd version order want to download

Value

A SpatVector object with mammal shapefiles

Source

Expert range maps of global mammal distributions harmonized to according mdd database from American Mammalogist society. Data storage in doi:10.5281/zenodo.10806734

Examples

```
get_mdd(version = "test")
```

get_mdd_list *Function to return mammal species list avaliable by version*

Description

Function to return mammal species list avaliable by version

Usage

```
get_mdd_list(version = "v1_2")
```

Arguments

version	The taxonomy version

Value

A data.frame object with mammal species by version

Source

Expert range maps of global mammal distributions harmonized to three taxonomic authorities doi:10.5281/zenodo.10806734

Examples

```
get_mdd_list(version = "test")
```

get_mdd_map *Title*

Description

Title

Usage

```
get_mdd_map(species = NULL, order = NULL, version = "v1_3")
```

Arguments

species	A vector of mammal species name.
order	A vector of mammal orders to retrive.
version	The version number of the mammal diversity database.

Value

A SpatVector object with mammal shapefiles

Source

Expert curated range maps of global mammal distributions aligned according mdd database of American Mamalogist Society. doi:10.5281/zenodo.10806734

Examples

```
get_mdd_map(version = "test")
```

`get_mdd_order` *Function to return mammal shapefiles of Rodentia order*

Description

Function to return mammal shapefiles of Rodentia order

Usage

```
get_mdd_order(order, version, dir = NULL)
```

Arguments

`order`	The mammal order want to download
`version`	The taxonomy version
`dir`	A directory where to write the output

Value

A SpatVector object with mammal shapefiles

Source

Expert range maps of global mammal distributions harmonised to three taxonomic authorities doi:10.5281/zenodo.10806734

Examples

```
get_mdd_order(version = "test")
```

mddSpList_v1_2 *Species list from Mammal Diversity Database*

Description

A list of species related with shapefiles in MDD. Includes taxonomy

Usage

```
mddSpList_v1_2
```

Format

`mddSpList`:
A data frame with 6485 rows and 8 columns:

Order Order of the species
Family Family of the species
Genus Genus of the species
Species Species Name
MDD_SciName Species binomial name ...

Source

Expert range maps of global mammal distributions harmonized to three taxonomic authorities. doi:10.5281/zenodo.10806734

mddSpList_v1_3 *Species list from Mammal Diversity Database*

Description

A list of species related with shapefiles in MDD. Includes taxonomy

Usage

```
mddSpList_v1_3
```

Format

`mddSpList`:
A data frame with 6513 rows and 8 columns:

Order Order of the species
Family Family of the species
Genus Genus of the species
Species Species Name
MDD_SciName Species binomial name ...

Source

Expert range maps of global mammal distributions harmonised to three taxonomic authorities. doi:10.5281/zenodo.10806734

`mddSpList_v1_4` *Species list from Mammal Diversity Database*

Description

A list of species related with shapefiles in MDD. Includes taxonomy

Usage

```
mddSpList_v1_4
```

Format

`mddSpList`:
A data frame with 6533 rows and 8 columns:

Order Order of the species

Family Family of the species

Genus Genus of the species

Species Species Name

MDD_SciName Species binomial name ...

Source

Expert range maps of global mammal distributions harmonized to three taxonomic authorities. doi:10.5281/zenodo.10806734

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