Package: avilistr (via r-universe)

May 14, 2026

Title Access and Work with the 'AviList' Global Avian Checklist

Version 0.0.1

Description Provides easy access to the 'AviList' Global Avian Checklist, the first unified global bird taxonomy that harmonizes previous differences between International Ornithological Committee ('IOC'), 'Clements', and 'BirdLife' checklists. This package contains the complete 'AviList' dataset as R data objects ready for ornithological research and analysis. For more details see 'AviList' Core Team (2025) <doi:10.2173/avilist.v2025>.

URL https://github.com/dalyanalytics/avilistr, https://dalyanalytics.github.io/avilistr/

BugReports https://github.com/dalyanalytics/avilistr/issues

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Depends R (>= 3.5)

LazyData true

LazyDataCompression xz

Suggests dplyr, ggplot2, knitr, rmarkdown, tidyverse, testthat (>= 3.0.0)

VignetteBuilder knitr

Repository https://dalyanalytics.r-universe.dev

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RemoteUrl https://github.com/dalyanalytics/avilistr

RemoteRef HEAD

RemoteSha 5c1619d29bd75fc65ccbacb6f75ce9459803e8db

Contents

`avilist_2025` *AviList Global Avian Checklist v2025 (Full Version)*

Description

The complete AviList dataset containing all bird species, subspecies, and taxonomic information as of June 2025. This is the extended version with all available fields including nomenclatural details, bibliographic information, and external database links.

Usage

```
avilist_2025
```

Format

A data frame with 33684 rows and 26 columns. See avilist_metadata for detailed field descriptions.

Source

AviList Core Team. 2025. AviList: The Global Avian Checklist, v2025. doi:10.2173/avilist.v2025

Examples

```
# Load the full dataset
data(avilist_2025)

# View summary
str(avilist_2025)
```

`avilist_2025_short` *AviList Global Avian Checklist v2025 (Short Version)*

Description

The essential fields from the AviList dataset containing core taxonomic information for all bird species and subspecies as of June 2025. This is the official short version provided by the AviList team, optimized for faster loading and basic taxonomic operations.

Usage

```
avilist_2025_short
```

Format

A data frame with 33684 rows and 14 columns. See avilist_metadata for detailed field descriptions.

Source

AviList Core Team. 2025. AviList: The Global Avian Checklist, v2025. doi:10.2173/avilist.v2025

Examples

```
# Load the short dataset (faster loading)
data(avilist_2025_short)

# View summary
str(avilist_2025_short)
```

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avilist_metadata *AviList Field Metadata*

Description

Metadata describing all fields in the AviList datasets, including field descriptions, data types, sources, and availability in different dataset versions.

Usage

```
avilist_metadata
```

Format

A tibble with metadata for all AviList fields:

field_name Name of the field in the dataset

description Human-readable description of the field content

data_type Data type (character, numeric, etc.)

source Original source of the data (AviList, Clements, etc.)

in_full_version Logical, whether field is in the full dataset

in_short_version Logical, whether field is in the short dataset

Source

Generated from AviList field analysis

Examples

```
# View all field descriptions
data(avilist_metadata)

# Fields in short version only
avilist_metadata[avilist_metadata$in_short_version, ]

# Fields from specific sources
avilist_metadata[avilist_metadata$source == "Clements", ]
```

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