

Package ‘NatureSounds’

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Type Package

Title Animal Sounds for Bioacoustic Analysis

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Description Collection of example animal sounds for bioacoustic analysis.

License GPL (>= 2)

Imports

Depends R (>= 3.2.1)

LazyData TRUE

URL <https://github.com/maRce10/NatureSounds>

BugReports <https://github.com/maRce10/NatureSounds/issues>

NeedsCompilation no

Suggests tuneR

RoxygenNote 6.1.0

Repository CRAN

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Cryp.soui

Acoustic recording of Crypturellus soui (Little Tinamou).

Description

Acoustic recording of *Crypturellus soui* (Little Tinamou).

Usage

```
data(Cryp.soui)
```

Format

One .wav file:

Cryp.soui *Crypturellus soui* recording

Source

<http://www.xeno-canto.org/154190>

NatureSounds

AnimalSounds: Animal Sounds for Bioacoustic Analysis

Description

NatureSounds is a package containing a collection of example animal sounds for bioacoustic analysis. The main goal is to provide example recordings to facilitate the development of bioacoustic tools in the R environment. When possible, selection tables with the time/frequency coordinates of the sounds in the example recordings will also be included. Note that this package does not contain any function. Check out the packages 'warbleR', 'tuneR' and 'seewave' for sound file manipulation and analysis in R.

Details

License: GPL (>= 2)

Author(s)

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Phae.long.est

Extended selection table of Phaethornis longirostris songs

Description

'Phae.long.est' contains an *extended selection table* following the warbleR package object format. The data contains the annotations and wave objects of 100 long-billed hermit songs from 10 different song types (10 per song type, 'lek.song.type' column) recorded at 8 leks ('lek' column) in the Caribbean slope of Costa Rica.

Usage

```
data(Phae.long.est)
```

Format

One object of class extended selection table (following warbleR package format) and data frame.

Details

Extended selection table of *Phaethornis longirostris* (Long-billed Hermit) songs.

Phae.long1

Audio recording #1 of Phaethornis longirostris

Description

Audio recording #1 of *Phaethornis longirostris* (Long-billed Hermit).

Usage

```
data(Phae.long1)
```

Format

One .wav file:

Phae.long1 *Phaethornis longirostris* #1 recording

Source

<http://www.xeno-canto.org/contributor/EMCWQLLKEW>

Examples

```
{  
  data(Phae.long1)  
  tuneR::nchannel(Phae.long1)  
}
```

Phae.long2 *Audio recording #2 of Phaethornis longirostris*

Description

Audio recording #2 of *Phaethornis longirostris* (Long-billed Hermit).

Usage

```
data(Phae.long2)
```

Format

One .wav file:

Phae.long2 *Phaethornis longirostris* #2 recording

Source

<http://www.xeno-canto.org/contributor/EMCWQLLKEW>

Phae.long3 *Audio recording #3 of Phaethornis longirostris*

Description

Audio recording #3 of *Phaethornis longirostris* (Long-billed Hermit).

Usage

```
data(Phae.long3)
```

Format

One .wav file:

Phae.long3 *Phaethornis longirostris* #3 recording

Source

<http://www.xeno-canto.org/contributor/EMCWQLLKEW>

Phae.long4

Audio recording #4 of Phaethornis longirostris

Description

Audio recording #4 of *Phaethornis longirostris* (Long-billed Hermit).

Usage

data(Phae.long4)

Format

One .wav file:

Phae.long4 *Phaethornis longirostris* #4 recording

Source

<http://www.xeno-canto.org/contributor/EMCWQLLKEW>

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