

Package: paired (via r-universe)

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Type Package

Title Example point count data set with paired human and ARU data

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Description Data set from Van Wilgenburg et al. 2016
<[doi:10.5751/ACE-00975-120113](https://doi.org/10.5751/ACE-00975-120113)>.

URL <https://github.com/borealbirds/paired>

BugReports <https://github.com/borealbirds/paired/issues>

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LazyLoad yes

LazyData true

Repository <https://psolymos.r-universe.dev>

RemoteUrl <https://github.com/borealbirds/paired>

RemoteRef HEAD

RemoteSha 6031904400b9fd8d09b56185c7784dabde1b2205

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 paired

Example point count data set with paired human and ARU data

Description

Data set from Van Wilgenburg et al. 2016 <doi:10.5751/ACE-00975-120113>.

Usage

```
data("paired")
```

Format

A data frame with 11340 observations on the following 36 variables.

`sort` a numeric vector, sorting ID

`UniqueID` a factor, unique location ID

`SurveyDate` a factor, date as DD-Mmm-YY

`Time` a factor, time in 12h clock format

`Visit` a numeric vector, visit to same location

`Observer` a factor with the observers' initials

`SurveyType` a factor with levels ARU (automated recoring unit) HUM (human observer)

`NoiseLevel` a factor with levels Heavy Light Moderate None Unusable

`SPECIES` a factor with levels for species, 4-letter codes follow the [AOUlist](https://www.birdpop.org/pages/birdSpeciesCodes) <https://www.birdpop.org/pages/birdSpeciesCodes>.

`Count` a numeric vector, number of individuals counted

`TimeInterval` a factor, original interval the individual was detected

`DISTANCE` a factor with levels >100 m 0-49 m 50-100 m ARU

`FID` a numeric vector

`Strata` a factor

`Station` a factor

`Latitude` a numeric vector

`Longitude` a numeric vector

`Join_Count` a numeric vector

`YearLoss` a numeric vector

`Class_Name` a factor, ModisLCC description.

`ModisLCC` a numeric vector

`FIRENAME` a factor

`YEAR` a numeric vector

`Disturbance` a factor with levels Cutblock Fire Undisturbed

`PKEY` a factor

PKEYm a factor, PKEY with method
Noise a numeric vector
JULIAN a numeric vector
JDAY a numeric vector
srise a numeric vector
start_time a numeric vector
TSSR a numeric vector
Interval a factor with levels 0-3 min 3-5 min 5-10 min UNK
SS a factor
RandomSel a numeric vector

Source

Van Wilgenburg et al. 2016.

References

Van Wilgenburg, S. L., P. Solymos, K. J. Kardynal, and M. D. Frey. 2017. Paired sampling standardizes point count data from humans and acoustic recorders. *Avian Conservation and Ecology* **12(1)**:13. <doi:10.5751/ACE-00975-120113>

Examples

```
data(paired)  
str(paired)
```

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