

# Package: paired (via r-universe)

September 20, 2024

**Type** Package

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

**Version** 0.0-1

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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*


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**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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