

# Package ‘dartR.data’

November 16, 2022

**Title** Auxiliary Data Package for Our Main Package 'dartR'

**Version** 1.0.2

**Description** Data package for 'dartR'. Provides data sets to run examples in 'dartR'. This was necessary due to the size limit imposed by 'CRAN'. The data in 'dartR.data' is needed to run the examples provided in the 'dartR' functions. All available data sets are either based on actual data (but reduced in size) and/or simulated data sets to allow the fast execution of examples and demonstration of the functions.

**Depends** R (>= 3.5), adegenet (>= 2.0.0)

**License** GPL (>= 3)

**LazyData** true

**Encoding** UTF-8

**NeedsCompilation** no

**RoxygenNote** 7.2.1

**URL** <https://github.com/green-striped-gecko/dartR.data>

**BugReports** <https://groups.google.com/g/dartr?pli=1>

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**Repository** CRAN

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bandicoot.gl	<i>A genlight object created via the read.dart functions</i>
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### Description

This is a test data set to test the validity of functions within dartR and is based on a DArT SNP data set of simulated bandicoots across Australia. It contains 96 individuals and 1000 SNPs.

### Usage

```
bandicoot.gl
```

### Format

```
genlight object
```

### Author(s)

Bernd Gruber (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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platy	<i>Example data set as text file to be imported into a genlight object</i>
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### Description

Check ?read.genetable in package PopGenReport for details on the format.

### Format

```
csv
```

### Author(s)

Bernd Gruber (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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`platypus.gl`*A genlight object created via the `gl.read.dart` function*

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**Description**

This is a test data set on platypus with 81 individuals, 3 populations and 1,000 binary SNPs.

**Usage**`platypus.gl`**Format**`genlight` object**Author(s)**

Luis Mijangos (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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`possums.gl`*A simulated genlight object created to run a landscape genetic example*

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**Description**

This is a test data set to run a landscape genetics example. It contains 10 populations of 30 individuals each and each individual has 300 loci. There are no covariates for individuals or loci.

**Usage**`possums.gl`**Format**`genlight` object**Author(s)**

Bernd Gruber (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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`testset.gl`*A genlight object created via the `gl.read.dart` function*

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**Description**

This is a test data set on turtles. 250 individuals, 255 loci in >30 populations.

**Usage**`testset.gl`**Format**`genlight object`**Author(s)**

Custodian: Arthur Georges (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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`testset.gs`*A genlight object created via the `gl.read.silicodart` function*

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**Description**

This is a test data set on turtles. 218 individuals, 255 loci in >30 populations.

**Usage**`testset.gs`**Format**`genlight object`**Author(s)**

Custodian: Arthur Georges (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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testset_metadata	<i>Metadata file. Can be integrated via the dart2genlight function.</i>
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**Description**

Metadata file. Can be integrated via the dart2genlight function.

**Format**

csv

**Author(s)**

Custodian: Arthur Georges (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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testset_pop_recode	<i>Recode file to be used with the function.</i>
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**Description**

This test data set is provided to show a typical recode file format.

**Format**

csv

**Author(s)**

Custodian: Arthur Georges (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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testset_SNPs_2Row	<i>Testfile in DArT format (as provided by DArT)</i>
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**Description**

This test data set is provided to show a typical DArT file format. Can be used to create a genlight object using the read.dart function.

**Format**

csv

**Author(s)**

Custodian: Arthur Georges (bugs? Post to <https://groups.google.com/d/forum/dartr>)

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