

Package: flowers (via r-universe)

May 14, 2026

Title Flower Plots

Version 0.2.0

Description Flowers provides functions to generate flower plot graphics.

License GPL-3

Encoding UTF-8

URL <https://github.com/NCEAS/flowers>

BugReports <https://github.com/NCEAS/flowers/issues>

LazyData true

Depends R (>= 3.2.0)

Imports dplyr (>= 0.8.3), ggplot2, rlang

Suggests testthat (>= 2.1.0)

RoxygenNote 6.1.1

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

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RemoteUrl <https://github.com/NCEAS/flowers>

RemoteRef HEAD

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ohi	<i>Ocean Health Index scores.</i>
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Description

A dataset containing the calculated scores for Ocean Health Indices.

Usage

```
ohi
```

Format

A data frame with 53940 rows and 10 variables:

goal OHI goal code

score OHI score for this goal

order relative order of the petals

weight relative weight of the petal, from 0 to 1

category name of the parent category for grouped petals

label name for the label to be displayed on each petal ...

Source

<http://ohi-science.org/>

plot_flower	<i>Flower plot</i>
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Description

Flower plot

Usage

```
plot_flower(.Data, title = NA, legend_include = TRUE, colors = NA,  
            fixed_colors = FALSE, filename = NA)
```

Arguments

<code>.Data</code>	data frame containing scores to be plotted. Column names should include "score", "weight", "category", and "label"
<code>title</code>	optional title for the plot
<code>legend_include</code>	logical, whether to include a plot legend, defaults to TRUE
<code>colors</code>	an optional color palette to be used for the petal colors
<code>fixed_colors</code>	if TRUE, then use a discrete fixed color palette for coloring petals based on petal categories; defaults to FALSE,
<code>filename</code>	if not NA, save the figure using this filename (relative or absolute)

Value

ggplot object of the flowerplot

Examples

```
data(ohi)
plot_flower(ohi, "OHI Example")
```

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