# References

## Authors

Ignasi Bartomeus [1], Jose Lanuza[1,2], Nerea Montes[1], Ahlam Sentil[3], …, Denis[3] Michez.

(1) EBD-CSIC
(2) iDiv
(3) University of Mons

**Last update:** 2023-08-15

## Abstract

Plant and pollinators are connected by a beautiful and rich mutualistic web of interactions. This network of interactions has resulted pivotal to understand from plant reproductive biology to pollinators persistence. While initially though that plant-pollinator interactions where quite specialized, its diversity and generality has amazed ecologists. In fact, we barely started to document this diversity of existing interactions in space and time. With more than 3000 pollinators and XXXX plants in Europe, the potential number of links scales up to YYYYY. However, most of this potential links are expected never to be realized due to spatial, morphological or phenological constrains. This an attempt to document observed plant-pollinator interactions across Europe, highlight knowledge gaps and make the data available to the scientific community. This repository will grow as more interactions are added. This is is version v0.1.

### How to cite this:

You can cite this dynamic document: I.Bartomeus et al. 2023 The Plant-Pollinator European Metaweb. version v0.1. DOI: 10.5281/zenodo.8250261.

**Download in PDF:**

https://ibartomeus.github.io/EUPollinationMetaweb/REPORT.pdf

**Source code:**

You can find the source code, as well as previous releases of this repositoty at: https://ibartomeus.github.io/EUPollinationMetaweb/

## Introduction

TBE: Plant and pollinators are connected by a beautiful and rich mutualistic web of interactions. This network of interactions has resulted pivotal to understand from plant reproductive biology to pollinators persistence. While initially though that plant-pollinator interactions where quite specialized, its diversity and generality has amazed ecologists. In fact, we barely started to document this diversity of existing interactions in space and time. With more than 3000 pollinators and XXXX plants in Europe, the potential number of links scales up to YYYYY. However, most of this potential links are expected never to be realized due to spatial, morphological or phenological constrains. This an attempt to document observed plant-pollinator interactions across Europe, highlight knowledge gaps and make the data available to the scientific community.

## Methods

## Data

We compiled X datasets from X researchers of plant-pollinator networks.

Furthermore, we added X interactions contained in species ocurrences, mostly deposited in museums.

Add data from Globi? Crops?

If you know of more sources that can be added, let us know.

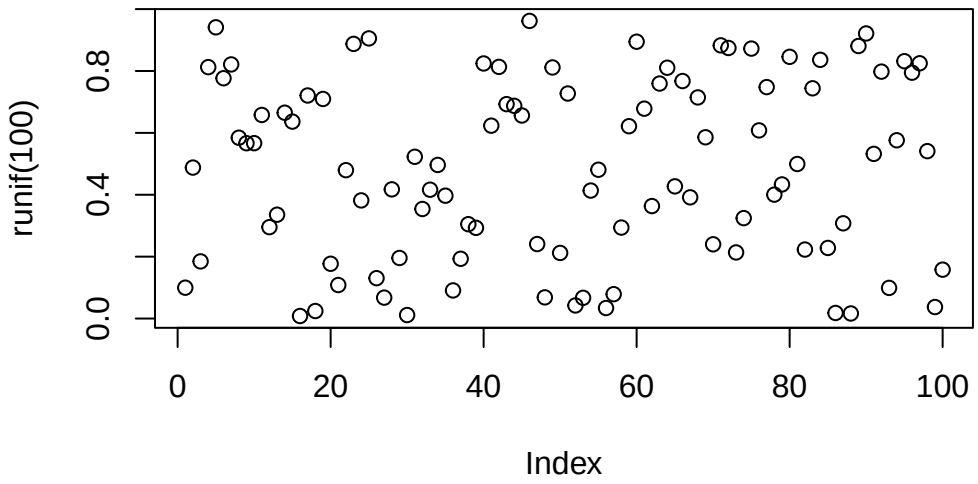
## Analysis

We compiled everything and visualized...

## Results

### Result One

With R code




### What next?

All here is open. You don't like the model parametrization? Code a better one. Let us know in an issue or directly make a pull request.

### References

TBA