Oviposition data:

|  |
| --- |
| **Plants:** A= *Alliaria petiolata*; B= *Brassica oleracea*; D= *Diplotaxis tenuifolia*; I= *Iberis sempervirens*; S= *Sinapsis arvensis* |
| **Egg\_number:** Summed egg number for all experimental days |
| **Country:** F= France; G=Germany |
| **Population:** FR1= Valbonne; FR2= Saorge; FR3= Roquefort-la-Bédoule; GER1= Verl; GER2= Bad Kreuznach; GER3= Habitzheim |
| **Days\_of\_observation:** Total amount of experimental days |
| **Hosts\_accepted:** The number of plant species accepted for oviposition throughout the experiment |
| **Eveness:** The eveness of egg distribution across plant species |

Larval choice data:

|  |
| --- |
| **Plants:** B= *Brassica oleracea*; D= *Diplotaxis tenuifolia*; I= *Iberis sempervirens*; S= *Sinapsis arvensis* |
| **Amount\_Chosen:** Number of choices summed for all experimental days |
| **Country:** F= France; G=Germany |
| **Population:** FR1= Valbonne; FR2= Saorge; FR3= Roquefort-la-Bédoule; GER1= Verl; GER2= Bad Kreuznach; GER3= Habitzheim |
| **Days\_of\_observation:** Total amount of experimental days |

Occurrence data (for SDM):

|  |
| --- |
| **Longitude and latitude data** for 148 *Pieris mannii* records (including 55 records of ssp. a*lpigena* (**TRUE**)) used for SDM building. |
| **Sources:** **LepiDiv**: http://www.ufz.de/lepidiv/, **GBIF**: https://www.gbif.org/ (License: https://doi.org/10.15468/dl.oc2aoa) |