

Sources of the data we will be using for this course

Aegean_plants.csv has a list of the number of plant species (column s) on 173 Greek islands of different areas in km² (column a). The data are from Matthews, T.J., K. Triantis, R.J. Whittaker, and F. Guilhaumon, F. 2019 *sars*: An R package for fitting, evaluating and comparing species–area relationship models. *Ecography* 42:1446-1455.

butterfly_pres_abs.csv and **butterfly_sites.csv** were made up by me; the butterfly species names are real species found in the U.S., but the numbers are made up.

bryceveg.R and **brycesite.R** are part of the *labdsv* package:

<https://www.rdocumentation.org/packages/labdsv/versions/2.0-1/topics/bryceveg>
<https://www.rdocumentation.org/packages/labdsv/versions/2.0-1/topics/brycesite>

carabids.csv is from Table 2 in Niemelä, J., Haila, Y., Halme, E., Lahti, T., Pajunen, T., and Punttila, P. 1988. The distribution of carabid beetles in fragments of old coniferous taiga and adjacent managed forest. *Annales Zoologici Fennici* 25:107-199.

div_data.csv was made up by me, based on a random matrix generated by <https://www.flutterbys.com.au/stats/tut/tut13.2.html>

grassland.community.csv and **plot.metadata.csv** are from Steve Kembel's website, <http://kembellab.ca/r-workshop/>

Ground_beetles_abundance.csv, **GBbiol.csv**, **GBsite.csv**, **hsere_ph.csv**, and **hsere.csv** are from Gardener, M. 2014. *Community Ecology: Analytical Methods Using R and Excel*. Pelagic Publishing, Exeter, UK; I modified **hsere.csv** slightly.

Plant species abundances.csv and **Plant species lists.csv** are from Gardener, M. 2021. *Statistics for Ecologists Using R and Excel*, 2nd ed. Pelagic Publishing, Exeter, UK