

# Report on plant-pollinator network description from Cantavieja and Ejea de los Caballeros

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## Objectives

The objective of this report is to describe the differences between two plant-pollinator networks located in Cantavieja and Ejea de los Caballeros before and after restoration has taken place. To evaluate the effect of restoration on plant-pollinator communities, rarefied species richness and main aspects of network structure are going to be compared across sampling years.

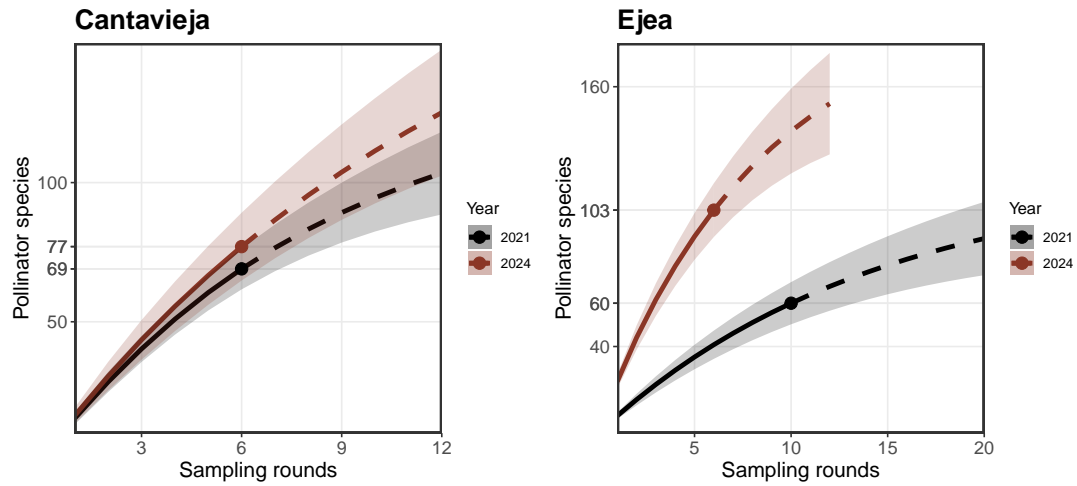
## Field sampling

Two distinct locations were monitored with different historical land-use and management in the region of Aragón (Spain): Cantavieja ( $40^{\circ} 30' 44''$ , N  $0^{\circ} 22' 59''$  W) at 1450m above sea level with a total of 30 plots and Ejea de los Caballeros ( $42^{\circ} 01' 06''$  N,  $1^{\circ} 08' 53''$  W) at 350m. In each location, a total of 21 plots were monitored in 2021 and 2024. Plot size is 2m by 2m and they are randomly distributed within each location (see **Figure 1**). Importantly, since the start of the project vegetation has remained undisturbed without grazing or clearing.

Each plot was surveyed three times at the beginning of the season, at the peak of flowering and at the end of the season. In each occasion, all plant-pollinator interactions observed were documented. Pollinator specimens not identified in the field were captured and identified in the lab.



**Figure 1.** Cantavieja (left) and Ejea de los Caballeros (right) locations with the different sampling plots indicated with an orange square plus the plot identifier. The position of the bee hives is shown with a white cross for both locations.



**Figure 2.** Rarefied species accumulation curves across sampling rounds in Cantavieja and Ejea de los Caballeros. The solid line indicates the rarefied number of species per sampling round, the dot represents the observed number of species, and the dashed line shows the extrapolated number of species if additional rounds were conducted.