

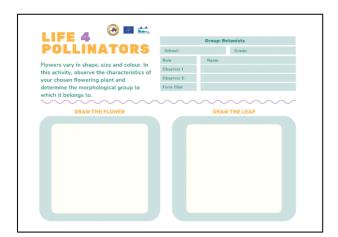


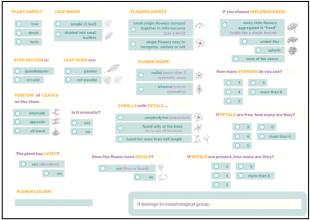




A mini-bioblitz was held in a meadow close to the Škocjan Caves on the 20th of May 2023. Participants were 49, mostly high school and undergraduate university students. The activity started in the morning, when the weather was cloudy, a little windy and temperature was around 19°C. It continued in the afternoon, with better weather conditions and 22°C mean temperature.

Activity 1 – Botanical activity





Four field recording sheets were returned for the first activity.

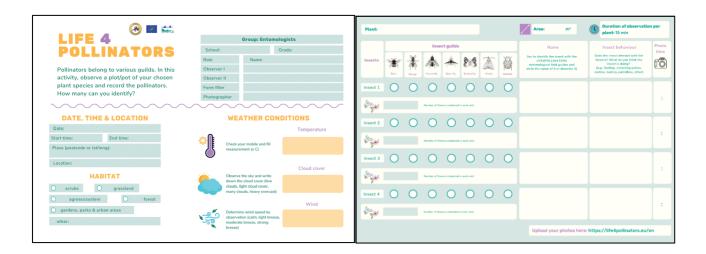








Activity 2 - Entomological activity



Five sheets were returned for the second activity. Two groups observed the floral visitors on *Trifolium incarnatum*, recording 17 wild bees, 6 by bee flies, 1 by beetle and 1 by butterfly, within two 15' observation intervals (30' observation time). One group observed the insect visitors of *Ajuga reptans*, recording a beetle visiting 10 flowers, an *Osmia* visiting 10 flowers and an *Anthophora* visiting 12 flowers. Another group recorded the insect visits on *Ranunculus bulbosus*: 3 visits of a wild bee and three 1-flower visits by three different hover flies. The fifth group recorded floral visitors behaviour on *Salvia pratensis*: one bee visited 4 flowers, another bee visited 6 flowers, a third bee visited 18 flowers, a hover fly visited 3 flowers.

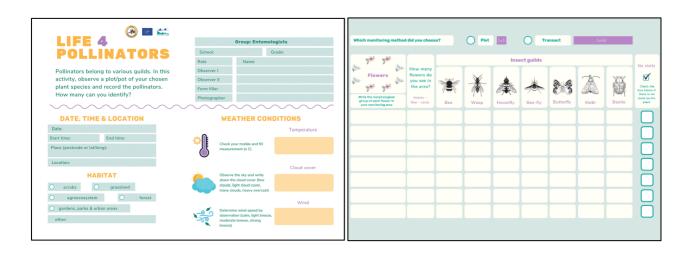








Activity 3 – Pollination activity



For the third activity, focused on plant-pollinator interactions, 22 field-sheets were returned; 3 of them had to be considered invalid. The most common insects observed on flowers were bees. All the pollinator groups were spotted, the least observed group was that of wasps. A total of 103 recordings of bees, 22 of bee flies, 68 of beetles, 15 of butterflies, 28 of hover flies, 5 of moths, and 4 of wasps have been observed (Figure 1). Overall 245 plant-pollinator interactions were recorded. The total time of observation was 15' for 19 transects.

Plants belonging to 9 families were identified within transects: Ranunculaceae, Euphorbiaceae, Fabaceae, Asteraceae, Lamiaceae, Rosaceae, Polygalaceae, Apiaceae, Caprifoliaceae (Figure 2). Most flower visits were registered on legume species (Fabaceae).









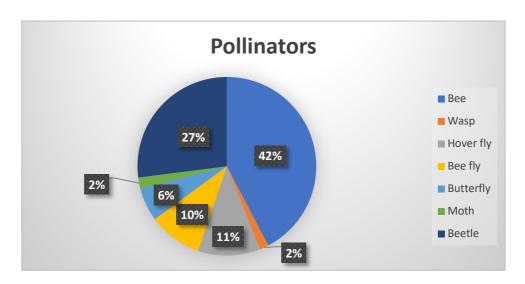


Figure 1. Pollinators seen during the third activity

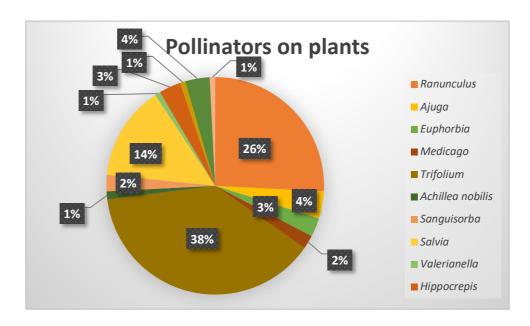


Figure 2. Total number of insect visits recorded on the flowered plants within all transects









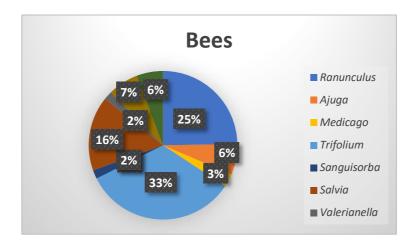


Figure 3. Plant taxa visited by bees during the third activity



Figure 4. Plant taxa visited by wasps during the third activity

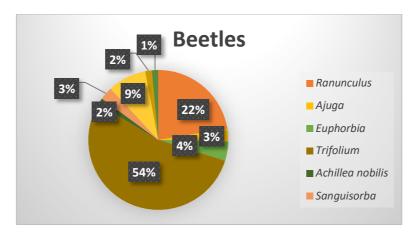


Figure 5. Plant taxa visited by beetles during the third activity









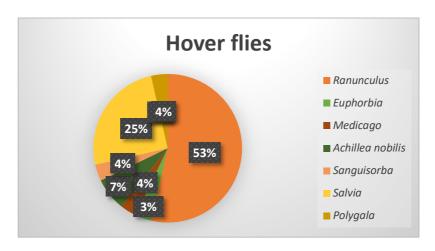


Figure 6. Plant taxa visited by hover flies during the third activity

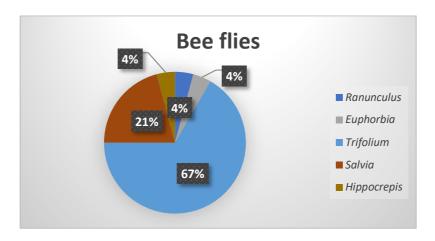


Figure 7. Plant taxa visited by bee flies during the third activity

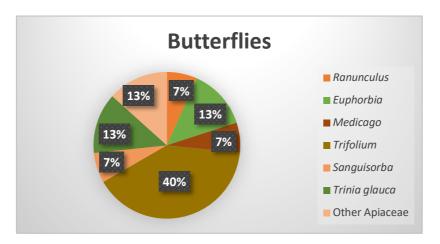


Figure 8. Plant taxa visited by butterflies during the third activity









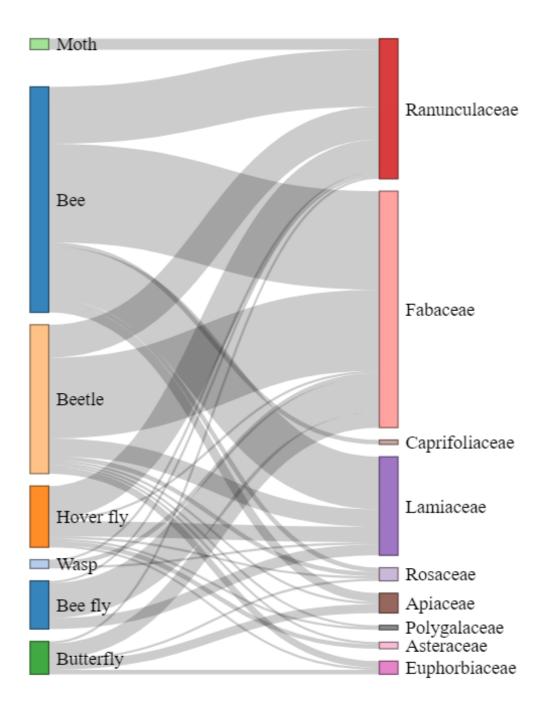


Figure 9. Network of plant-pollinator interactions recorded during the pollination activity



 $Involving \ people \ to \ protect \ wild \ bees \ and \ other \ pollinators \ in \ the \ Mediterranean - Life \ 4 \ Pollinators \ (LIFE18 \ GIE/IT/000755)$







Bumble bee (Bombus sp.) feeding nectar on clover blossom (Trifolium incarnatum L.)



Involving people to protect wild bees and other pollinators in the Mediterranean – Life 4 Pollinators (LIFE18 GIE/IT/000755)







Two beetles (*Tropinota hirta* and *Oxythirea funesta*) on the flower head of the plant species *Gelasia villosa* (Scop.) Cass.