

## RESEARCH BLUEPRINT

### DERMAPTERA – EARWIGS OF THE VALLE.

**LOCATION:** Capo Testa island excluding Capo Testa village & Funtanaccia.

**TIMESCALE:** 2018-2021+

**TITLE:** Identification of Dermaptera species present in the Valle Della Luna & surrounds, with focus towards importance in the Local Food-Web & changing biomass over time in relation to climatic variables.

### RESEARCH METHODS:

- Biodiversity Hypothesis (profiling of local species through literature review).
- Direct Searching & Observation (throughout geographical area).
- Dry-Pitfall Trapping (in predetermined locations within specific habitats).
- Beat-Sheet Records (throughout specific habitats).
- Leaf-Litter Searches & Tree Straps (within Forest & Macchia habitats).
- Population Habitat Mapping (plotted according to recorded spp. & abundance).
- Biomass Calculations (calculated from number of records).
- Climatic Monitoring (throughout research).
- Food-Web Diagram Modelling (as a result of Biocenotic observations).

### RESULTS PRESENTATION:

- Species Profiles.
- Species Habitat Maps.
- Food-Web Diagram.
- Biomass Calculation & Climatic Data Comparisons.
- Conservation Recommendations (VDL Species Biodiversity Plan).