

RESEARCH BLUEPRINT

BOTANICAL SURVEY & INVENTORY.

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

TIMESCALE: 2017-2021.

TITLE: Phase 2 Type Vegetation Survey of Capo Testa excluding urban areas, in order to create a Botanical Inventory of the island & relevant materials.

RESEARCH METHODS:

- Literature review of Sardinian plant species.
- Field-investigations throughout geographical research area.
- Identification of plant species throughout the Ecological Calendar and within all pre-defined General Habitats.
- Taxonomic updates to database of identified plant species (internet research).
- Identification of Invasive & Non-native plant species (CABI).
- Identification of Endangered & Endemic plant species. (IUCN Red Lists).
- Field-updates and photographic documentation.
- Monitoring of habitats to enable necessary updates of Species Database.
- Application of Invasive, Endangered & Endemic populations to customised Google Satellite Maps (to monitor community boundaries).
- Quantification of areas inhabited by Invasive species & subsequent monitoring of boundaries over time, to measure changes & rate of invasiveness (Quadrats).
- Identification of plants with Ethnobotanical value.

RESULTS PRESENTATION:

- Plant Species Database.
- Invasive & Non-native Plant Species Factsheet.
- Endangered & Endemic Plant Species Factsheet.
- Conservation Recommendations (VDL Biodiversity Action Plan).
- Ethnobotanical Compendium.