



SEEDFORCE - Action A6 Standardisation of operating procedures

SW1 Standardisation Workshop 1

Thursday 29th September 2022

Eva Mameli Calvino Conference Hall, Hortus Botanicus Karalitanus
Viale Sant'Ignazio da Laconi 11, Cagliari

11:00 – 11:30 Welcome Coffee

11:30 – 13:30 Introduction to the aim of the workshop - standardisation - population surveys - reckoning individuals - seed collection - seed handling - seed storage - preparing the propagation mix.

Discussing existing standards and protocols (circulated in advance), examining and debating the different stages of population assessment, seed collections, seed handling, short and long term storage and their applicability to project species.

Discussing special circumstances and difficulties encountered in the project first field season: sharing field experience per species per partner - round table presentations.

13:30 – 15:00 Lunch

15:00 – 18:00 Case studies: Species difficult to survey for population biology:

- distinguishing ramets and genets (case study *Eleocharis carniolica* – LSB - CFA, UNIUD, UL);
- surveying and collecting seeds from rock crevice species: hiring professional rock climbers or using drones? Case studies from UNICT (*Silene hicesiae*), LSB - CFA (*Saxifraga tombeanensis*);
- assigning age classes to different species and individuals: case studies from *Dracocephalum austriacum* and *Saxifraga tombeanensis* (MUSE);
- activities on *Linaria flava* subsp. *sardoa* and IAS eradication (UNICA);
- collaboration with landowner for the conservation of *Astragalus verrucosus* and comparative study on the congeneric threatened species *A. maritimus* (UNICA);
- other case studies (open to all partners; 15 minutes for each).



Friday 30th September 2022

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09:00 – 11:00 SW1 continued:

- discussing and agreeing SEEDFORCE code of conduct (circulated in advance);
- trying out seed collecting and population survey app (circulated in advance) reviewing its effectiveness and gathering amendment requests.

11:00 – 11:30 *Coffee break*

11:30 – 13:30 SW1 continued:

- update on A2 - presentation of aims and info needed by the appointed contractor (questionnaire to be filled in advance);
- update on A3 Genetic diversity on collecting samples for genetic analysis (discussing and choosing species to be investigated in detail - proposals to be circulated in advance);
- update on A4 update on pollination studies (sharing field experience per species per partner);
- update on Action A5 - progress with MoU preparation and signature;
- progress with updating and filling in the 94 fiche folders;
- Any other business.

13:30 – 15:00 *Lunch*

15:00 – 18:00 Practical activities at the Sardinian Germplasm Bank (BG-SAR):

- germplasm collection activities & procedures from seed cleaning to long term conservation;
- seed germination test;
- morpho-colorimetric seed analysis.

18:00 – 22:00 European Researchers' Night at the Hortus Botanicus Karalitanus (HBK) (optional activity)



Saturday 1st October 2022 - Field trip/workshop

09:00 – 13:00 Presentation by a park representative and field trip to “Molentargius-Saline Regional Natural Park” (SAC ITB040022) and to the “Monte Sant’Elia, Cala Mosca and Cala Fighera” (SAC ITB042243).