

Workshop 2

Poster presentation

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***Galanthus nivalis* L.: Germination requirements for a west Mediterranean population.**

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The LIFE-Nature project, "Conservation of priority habitats in the Valencian community", developed by the Generalitat Valenciana, includes collection of seeds for long term conservation and production of rare, endemic or threatened plants. Different studies were developed in order to establish germination, growing and plantation protocols for interesting taxa.

Galanthus nivalis L., geophyte that inhabits on damp soils, has great interest for its territorial rarity. It is included, as vulnerable according to UICN categories, in the Red Data Book for our Vascular Flora.

Germination experiences were carried out on seeds collected from "Mas Cambreta", in Penyagolosa (Castellon). The results obtained have revealed, that the seeds from this Valencian population show a morphological dormancy, but not physiological dormancy like we expected. Our seeds germinated without a previous cold period, they only need some time for the adequate embryo development.

New detailed studies will be necessary to approach seed conservation requirements, in order to make possible an more effective natural resources management.

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