

**Workshop 2**  
**Poster presentation**  
Email to [Elena.Estrelles@uv.es](mailto:Elena.Estrelles@uv.es)

**Germination requirements of two Spanish temperate species of *Pinguicula* L. (*Lentibulariaceae*).**

Prieto, J.\* , Olivares, A.\*\* , Estrelles, E.\* & Ibars, A.M.\*

\*Jardi Botanic de la Universitat de Valencia, C/ Quart, 80, 46008, Valencia, Spain.

\*\* Generalitat Valenciana, Direcció Territorial de la Conselleria de Territori y Vivienda, C/ Gregorio Gea, 27, 46009, Valencia, Spain.

[Josefa.Prieto-Mossi@uv.es](mailto:Josefa.Prieto-Mossi@uv.es)

*Pinguicula* L. is a genus of great rarity in the Valencian Community. Nowadays only two species are recognised in our territory, *P. dertosensis* (Cañig.) Mateo & M.B. Crespo and *P. mundi* Blanca, Jamilena, Ruiz-Rejon & Zamora.

The first of these is considered a cold temperate *Pinguicula* which grows in the north of Castellón, on shady vertical calcareous cliffs.

The second one, a warm temperate taxa, is an endemic carnivorous plant of southeastern Spain, that grows on wet limestone rock walls and cliffs.

The effect of light on seed germination is studied, as well as the seed dormancy types in relation to the different habitats characteristic of this plants, and pre-treatments to overcome it. We also studied the seed viability after storage.

This kind of rare plant communities is not tolerant to disturbances and can be lost as a result of such drastic habitat alterations. Effective long-term protection of this ecosystem will require an integrated approach of conservation biology.

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