

Workshop 3

Poster presentation

e-mail to: jalgarra@andaluciajunta.es or mrosa.lopez.ext@juntadeandalucia.es or juan.lorite.ext@juntadeandalucia.es

Jose A. ALGARRA, María LÓPEZ ONIEVA, Juan LORITE, Mario RUIZ GILERA & Jaime GONZÁLEZ SECO

Delegación de la Consejería de Medio Ambiente de Granada

Junta de Andalucía

C/ Marqués de la Ensenada, nº 1

18071 – Granada

Recovery of species CR and EN in the oriental Andalusia mountains

La Consejería de Medio Ambiente has started in 2003 a project whose main objective is the recovery of a taxa series included in Andalusian Flora and Fauna in danger Law (maximum category of this catalog), besides being valued as in danger and in danger critic following UICN (2001) categories. The included taxa are the following ones: *Arenaria nevadensis*, *Armeria filicaulis* subsp. *trevenqueana*, *Armeria villosa* subsp. *carratracensis*, *Artemisia alba* subsp. *nevadensis*, *Artemisia granatensis*, *Artemisia umbelliformis*, *Astragalus cavanillesii*, *Astragalus tremolsianus*, *Atropa baetica*, *Betula pendula* subsp. *fontqueri*, *Coronopus navasii*, *Crataegus laciniata*, *Crepis granatensis*, *Eryngium grosii*, *Eryngium huteri*, *Hieracium texedense*, *Hippocrepis nevadensis*, *Hippocrepis prostrata*, *Taxus baccata*, etc.

The workspace of this project includes mountains in Almería, Granada and Málaga; concretely: Sierra Nevada, Sierra de Baza, Sierra de Filabres, Sierra de Gádor, Sierra de la Sagra, Sierra de las Nieves, Sierra de María-Orce and, lastly, Sierra de Tejeda y Almijara. Endemic many of them of the workspace. Inside the works to be carried out include cartography of the populations' detail (with annual pursuit), taking of descriptive data of each one of the populations (ecological data, threaten, etc.), the study of the mycorrhizas associated to some species (*Atropa baetica*, *Laserpitium longiradium*, *Sorbus hybrida*, *Abies pinsapo*, *Quercus alpestris* y *Ilex aquifolium*), genetic study of populations (*Arenaria nevadensis*, *Astragalus tremolsianus*, *Atropa baetica*, *Hieracium texedense*, *Laserpitium longiradium* y *Odontites granatensis*), the propagation of threatened species, works of populational reinforcement (reintroductions, introductions, reinforcements, etc.) develop of an Propagation Experimental Unit dedicated to obtain the necessary protocols for the production of threatened species and, lastly, evaluation of not classified species (*Astragalus cavanillesii*, *Eryngium huteri*, *Hippocrepis prostrata*, *Ophioglossum vulgatum*, *Sempervivum tectorum* y *Sparganium angustifolium*).

All these works contribute to complete and to deepen in the work carried out by the Botanical Net Gardens and Nurseries Net, coordinating all the efforts in an only working team. The information generated by this project incorporates to the REDIAM (Environmental Information Net of Andalusia) to get a good efficiency in the acting of the environmental administration carried out from the Consejería de Medio Ambiente.