

## Workshop 2

Poster presentation

Email to David Draper [[ddmunt@fc.ul.pt](mailto:ddmunt@fc.ul.pt)]

### CONSERVATION OF THE THREATENED *NARCISSUS CAVANILLESII* A. BARRA & G. LÓPEZ IN PORTUGAL

Antònia Rosselló-Graell<sup>1</sup>, David Draper<sup>1</sup>, Isabel Marques<sup>1</sup> & José María Iriondo<sup>2</sup>

<sup>1</sup> Jardim Botânico. Museu Nacional de História Natural. R. da Escola Politécnica 58, 1250 Lisboa. Portugal. [argraell@fc.ul.pt](mailto:argraell@fc.ul.pt);

<sup>2</sup> Dpto. Biología Vegetal. E.U.I.T. Agrícola. Universidad Politécnica de Madrid. 28040 Madrid. Spain.

In this work we describe the approach undertaken to assure the protection of *Narcissus cavanillesii* in Portugal. This taxon is listed under Annexes II and IV of the European Community Habitats and Species Directive.

The only two reported Portuguese localities are affected by the Alqueva dam, the largest reservoir in Europe, recently constructed in the Guadiana basin (Alto Alentejo). One population was going to be flooded and the other is going to be affected by changes in ecological conditions and human activities. An integrated four-year project began in 2001 to prevent the extinction of *N. cavanillesii* and maximize the survival of its populations. This project integrates several biological conservation strategies and the translocation of the population that was going to disappear.

Studies regarding biological information, population sizes, growth rate and structure, as well as reproductive success were performed in order to diminish the vulnerability of this species in Portugal.

This study was promoted by EDIA, S. A. and co-financed by EDIA, S.A. and European Regional Development Funds (ERDF).