



## CASE STUDIES - ESPC Target 3

Development of models with protocols for conservation and sustainable use, based on research and practical experience

### Manuals for Making Inventories and Monitoring Species and Habitats

GSPC Target 3 (ESPC targets 1.3, 1.6, 2.7-8, 5.3)

ESPC target 1.3: Manual of tried and tested (species and habitats) monitoring protocols for scientists and naturalists made available on the web

#### Relevant species or habitats

#### Project coordinators

The State Institute for Nature Conservation (Croatia)

#### Funding mechanisms

EC CARDS Programme: Capacity Building of the State Institute for Nature Conservation



*Fritillaria meleagris* (Photo: Vida Prosavec) and DZZP website

#### Description

The State Institute for Nature Conservation in Croatia has produced a manual for monitoring plant species which is available for on-line download and is aimed at naturalists and amateur botanists. The information collected using these manuals is intended to be used in the context of the National Biodiversity Monitoring Programme. The manual is essentially a field aid which comes in two parts, a part which describes the methodology for monitoring and collecting inventories, and a part with descriptions of individual taxa and habitats including standard forms for recording field data. Currently taxon sheets are available for vascular plant species found in Annexes II, IV and V of the EU Habitats Directive and for the rare and endangered habitats of Croatia. Details of more plant species will be prepared in 2007 and manuals on animals and marine habitats are in preparation.

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#### Description (II)

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Workshops, which included practical fieldwork, were held for target groups to explain how to use the manual and several projects are underway which are using the methodology outlined in the manuals. For example the Biological Students Association are currently working on a project at the Bijele and Samarske Stijene Strict Reserves, including collection and identification of plant material and an inventory of the flora at these sites. In another project all of the primary and secondary school children in Medumurska and Krapinsko-zagorska were invited to take part in monitoring of the chequered fritillary (*Fritillaria meleagris*), a plant species which has a status of Vulnerable in the national red list.

In addition to the Monitoring Manuals, a checklist and red list of lichen species of Croatia (c. 1000 species), a red list of fungi (314 species) and a database of invasive species are being completed.

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#### Date of case study

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**Citations and Publications** Nikolić T. (2006): Flora. Biodiversity of Croatia – Manuals for Inventory and Monitoring. State Institut for Nature Protection, Zagreb.

Topić J., Ilijanić Lj., Tvrtković N., Nikolić T. (2006): Habitats. Biodiversity of Croatia – Manuals for Inventory and Monitoring. State Institut for Nature Protection, Zagreb. (available for download at [www.dzpz.hr/publikacije\\_knjige.htm#prirucnici](http://www.dzpz.hr/publikacije_knjige.htm#prirucnici))

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#### Contacts

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**Website** [www.dzpz.hr](http://www.dzpz.hr)

