

NETWORKING FOR A NEW ITALIAN REDLIST INCLUDING LOWER AND HIGHER PLANTS

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European Plant Conservation Strategy (EPCS), 2002:

before 2010 →

EPCS Targets

1.1 Working list of all known European plant species (including cryptogamic plants and fungi) produced

1.2 European Red List for vascular plants, revised list for bryophytes, and preliminary Red Lists for lichens, macrofungi and other selected groups published

REVISED TARGET (2004) BY 2007:

All national endemic vascular plant species included in the IUCN red list

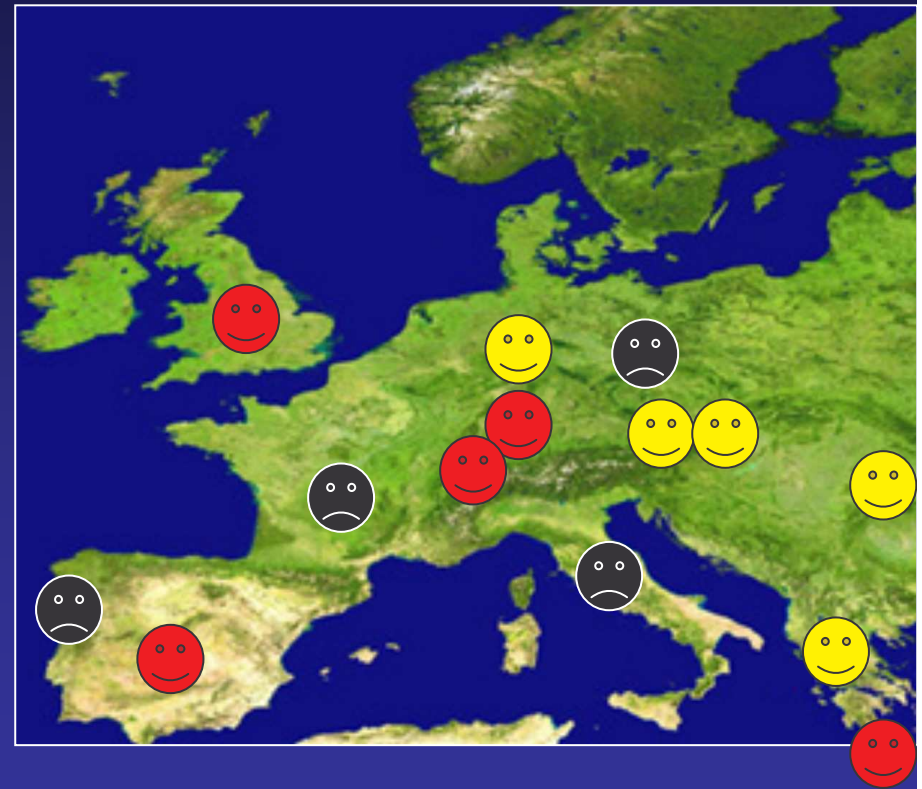
NEW Red Lists in European countries (IUCN 2001). VASCULAR FLORA

Some European countries produced **new Red Lists for vascular flora:**

Switzerland (2002), Germany (2003), Great Britain (2005) Andaluçia (2005), Luxembourg (2005), Cyprus (2007), etc.

Works in progress:

Austria, Greece, Spain, Slovak Rep., etc.



Red lists in Italy

Italy is still lacking of an
updated Red List of Flora

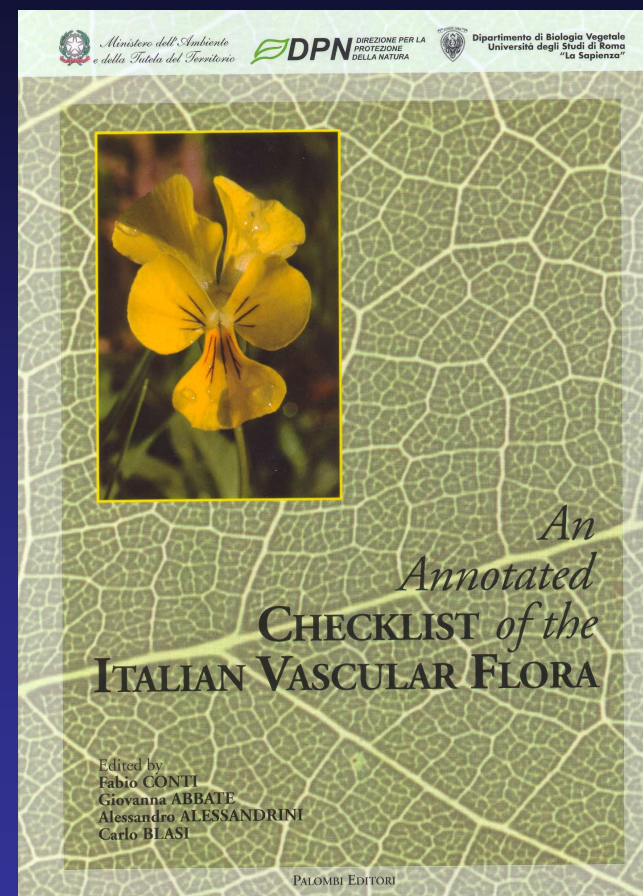
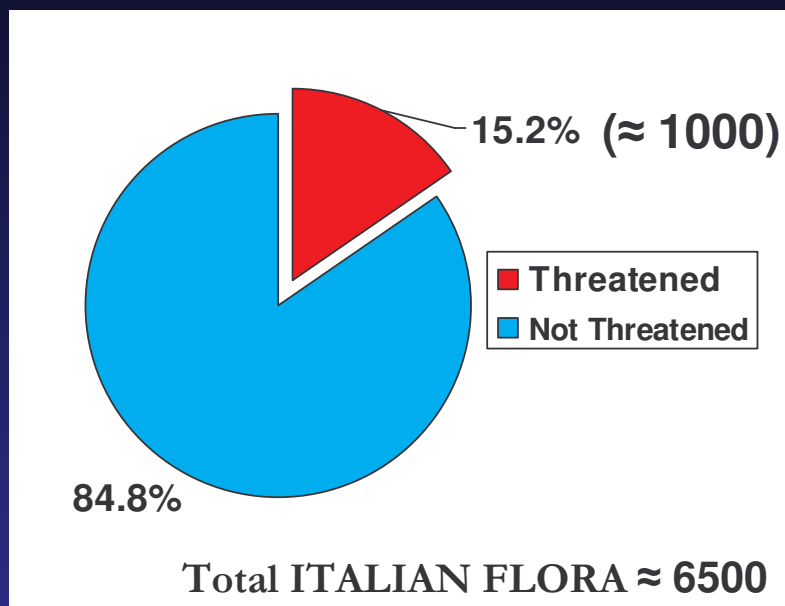
The last one was published in
2001 (**Pignatti et al.**)

Before: **Conti et al. 1997**

All based on 1994 IUCN
standards !



Conservation status of the Italian vascular Flora ?



Scoppola et al 2005

Italian Botanical Society initiative

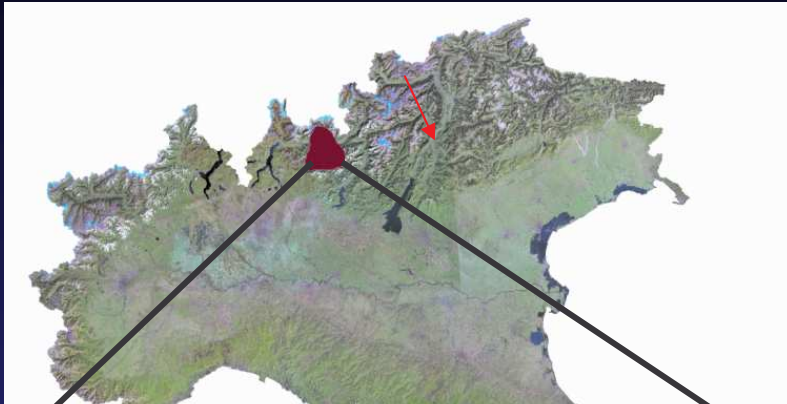
Since 2006 key groups S.B.I. have been working together assessing the conservation status of 40 target species of the Italian native flora, including vascular, non vascular, fungi and lichens in order to promote a new Italian Red List, 6 years after the last update, and the first time enlarged to the whole old *Regnum Plantae*



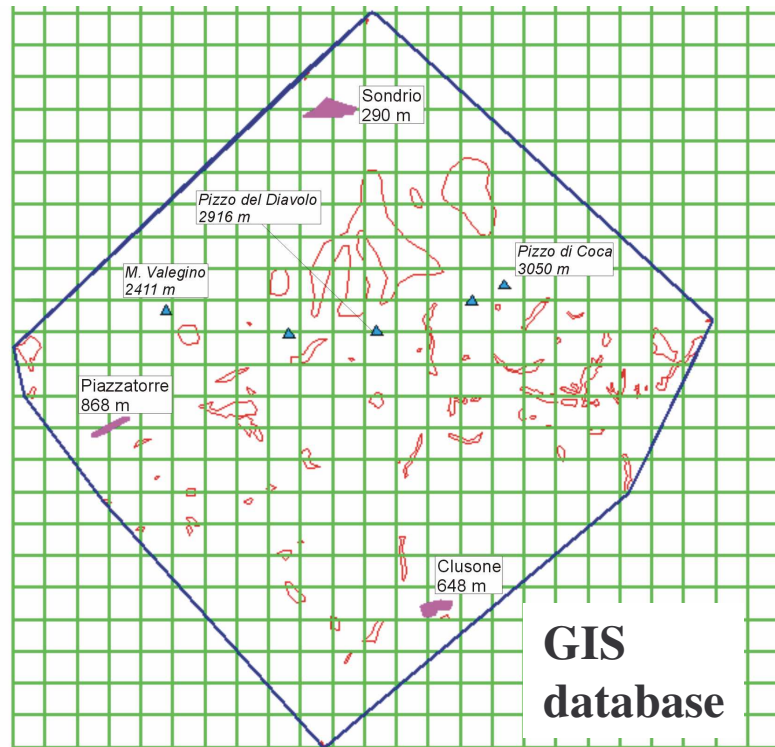
Viola comollia



Pleurotus nebrodensis



Sanguisorba dodecandra Moretti



An example of application



- EOO = 1100 Km²

- AOO = 516 Km²

-Location = 19

-Threats = new dykes
under construction and
climatic change

IUCN Category 2001: Near Threatened

EOO < 5000 Km² → B1a(b)

In Red List 1997: Lower Risk

Main conclusions

1) Potentiality

- a) plenty of floristic data are generally available for vascular plants (Criteria **B** and **A**, **D**)
- b) many botanists are active in the field and agreed with enthusiasm: **good possibilities for networking !**

2) Problems of application:

- a) few information available for fungi and lichens
- b) surveys in the field are required in many cases
- c) unsolved taxonomic problems
- d) demographic data are rarely available

When a new Italian Red List ? Before 2010 ?

It is hoped that this first contribution will open the way to the production of a new red list of the Italian Flora, with the support of EU, national and local government authorities.



For more information

www.societabotanicaitaliana.it



Iniziative per l'implementazione in Italia delle categorie e dei criteri IUCN (2001)

16/10/2006
Summer School: Tecniche di microscopia d'avanguardia come strumento di analisi cellulare e tissutale in organismi vegetali

Archivio delle reintroduzioni
Progetto di censimento delle azioni di reintroduzione della flora spontanea italiana

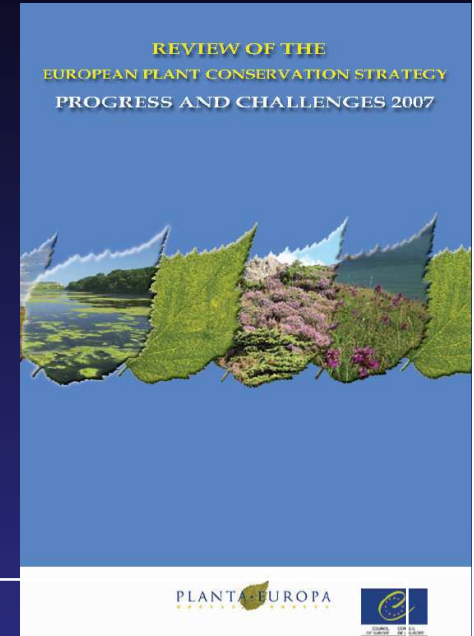
Informazioni Generali



NEW EPCS targets



1) Understanding and documenting plant diversity



what	by	who
All national endemic vascular plant species included in the IUCN global Red List (to be concluded)	2010	PE members & other conservation inst.
Integrate all ongoing initiatives (from regional to EU-biogeographical level)	2013	
Lobbing for revision of H. Dir.; adoption of new legislation for flora protection;	2010	



Silene
elisabethae
THANKS YOU
FOR YOUR
ATTENTION !