

Large Carnivores: management, research and public relation strategies of the protected areas



Large Carnivores on the Alps:

current situation and future perspectives.

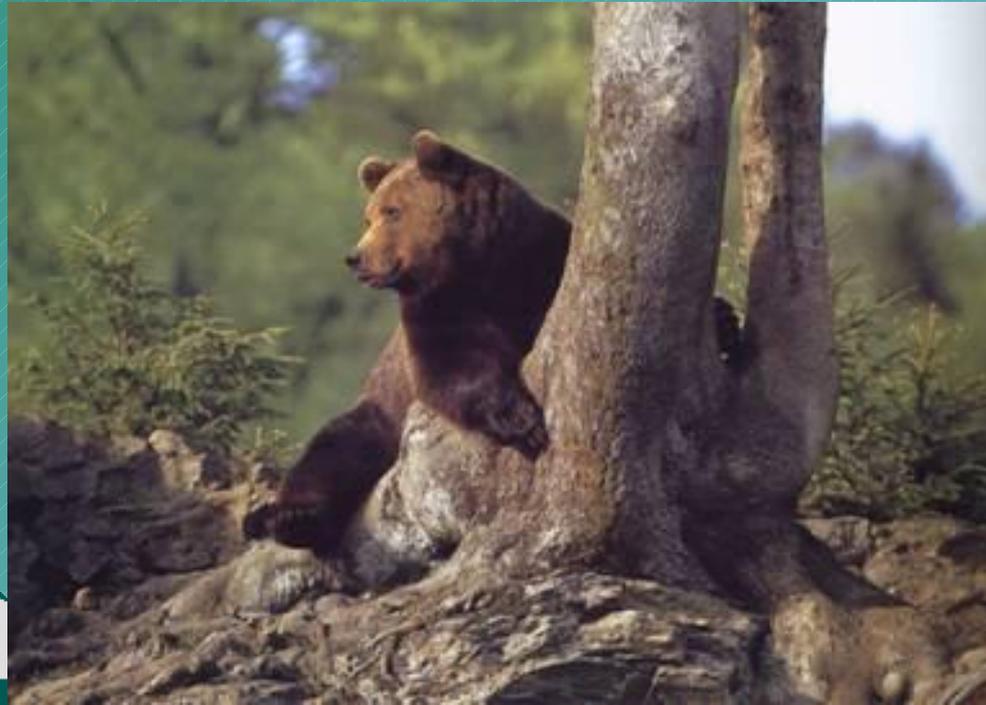
The role of ALPARC Large Carnivores Work Group

Filippo Zibordi



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Geopark

Alpine Large Carnivores





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Ecological differences...

feeding behaviour



dispersal ability



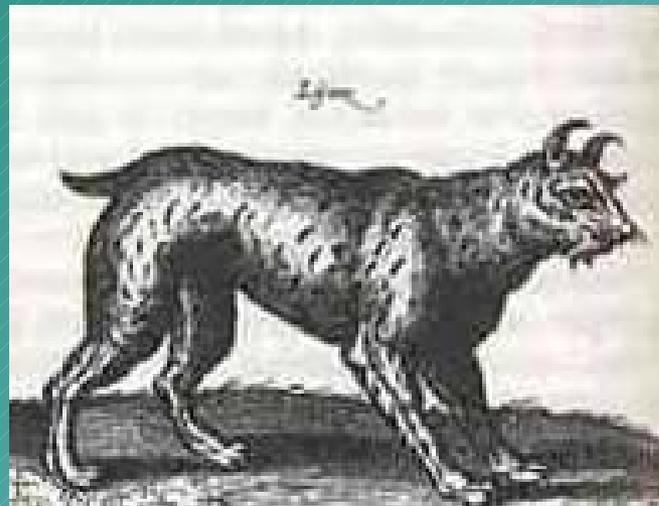
reproductive
strategy





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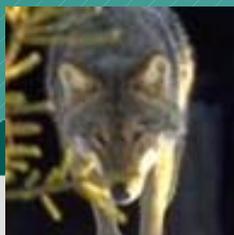
... "social" similarities





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Status of conservation

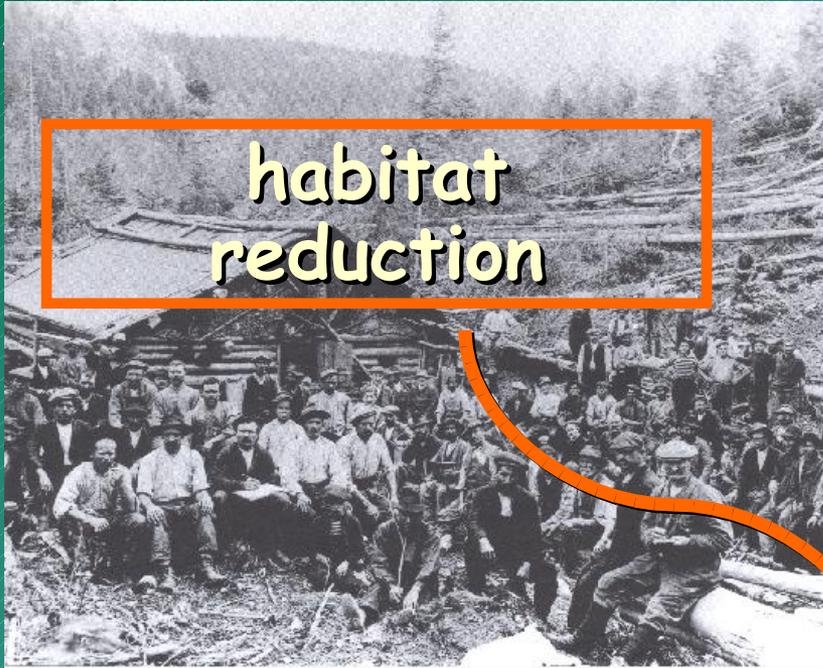


European Action Plans - LCIE



Extinction on the Alps

habitat
reduction



direct
persecution



competition with men

social-economical and
cultural reasons

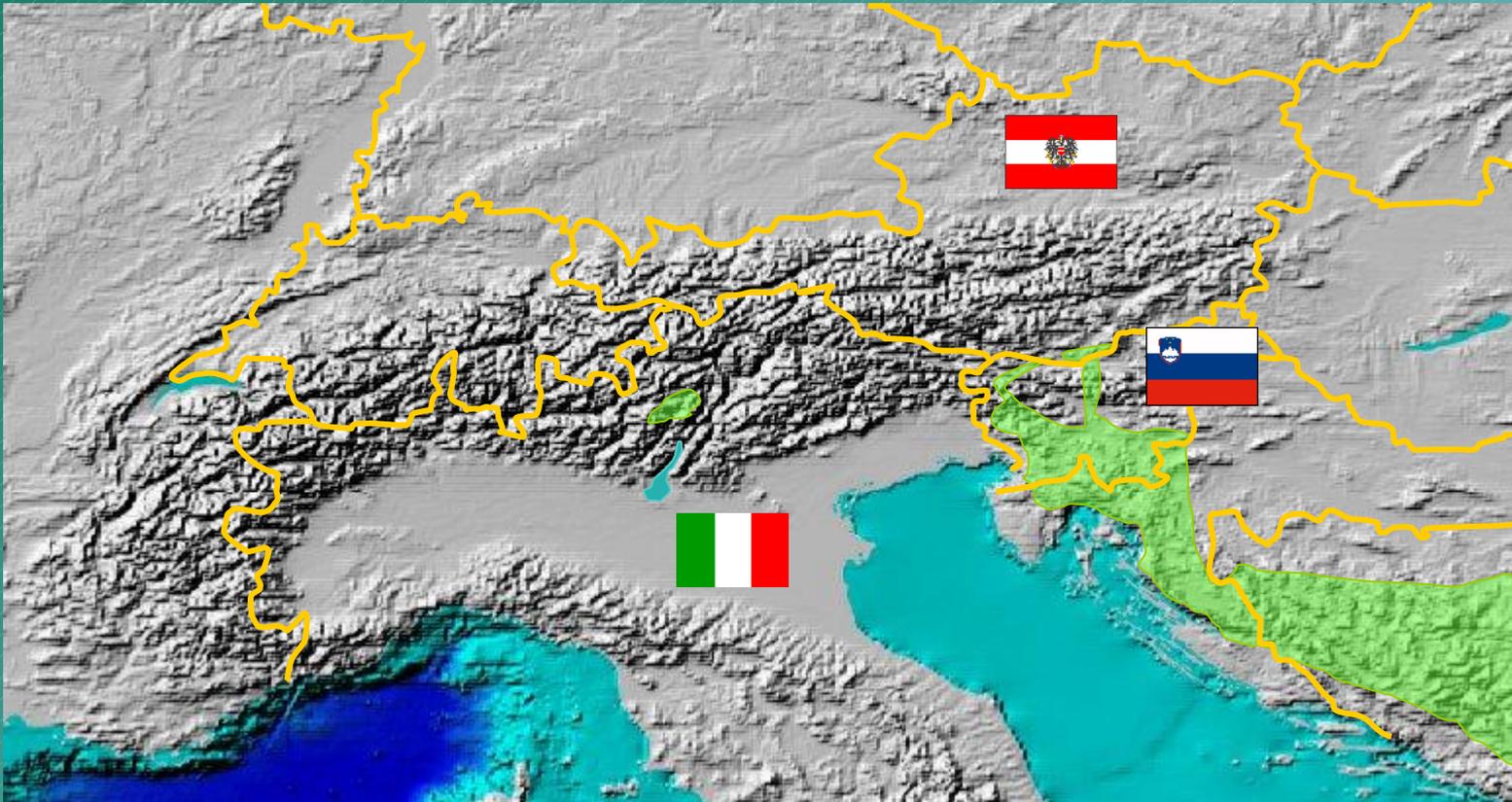
Brown bear on the Alps in 1700



Brown bear on the Alps in 1850



Brown bear on the Alps in 1950



Dispersal from Slovenia





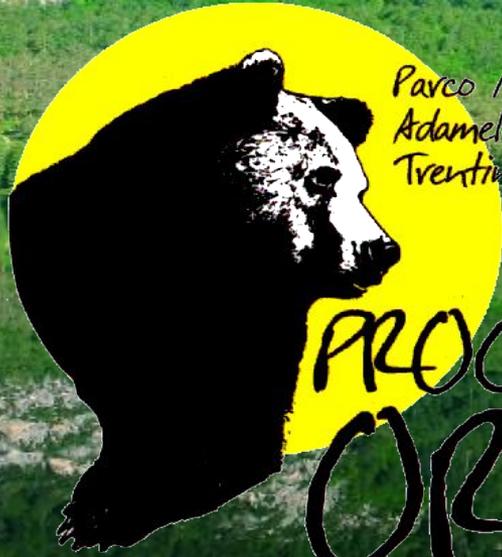
Ministero delle Politiche Agricole, Alimentari e Forestali



Provincia Autonoma di Trento



PARCO NATURALE ADAMELLO BRENTA



Parco Naturale Adamello Brenta
Trentino - Italia

PROGETTO ORSO

1996 Project Life

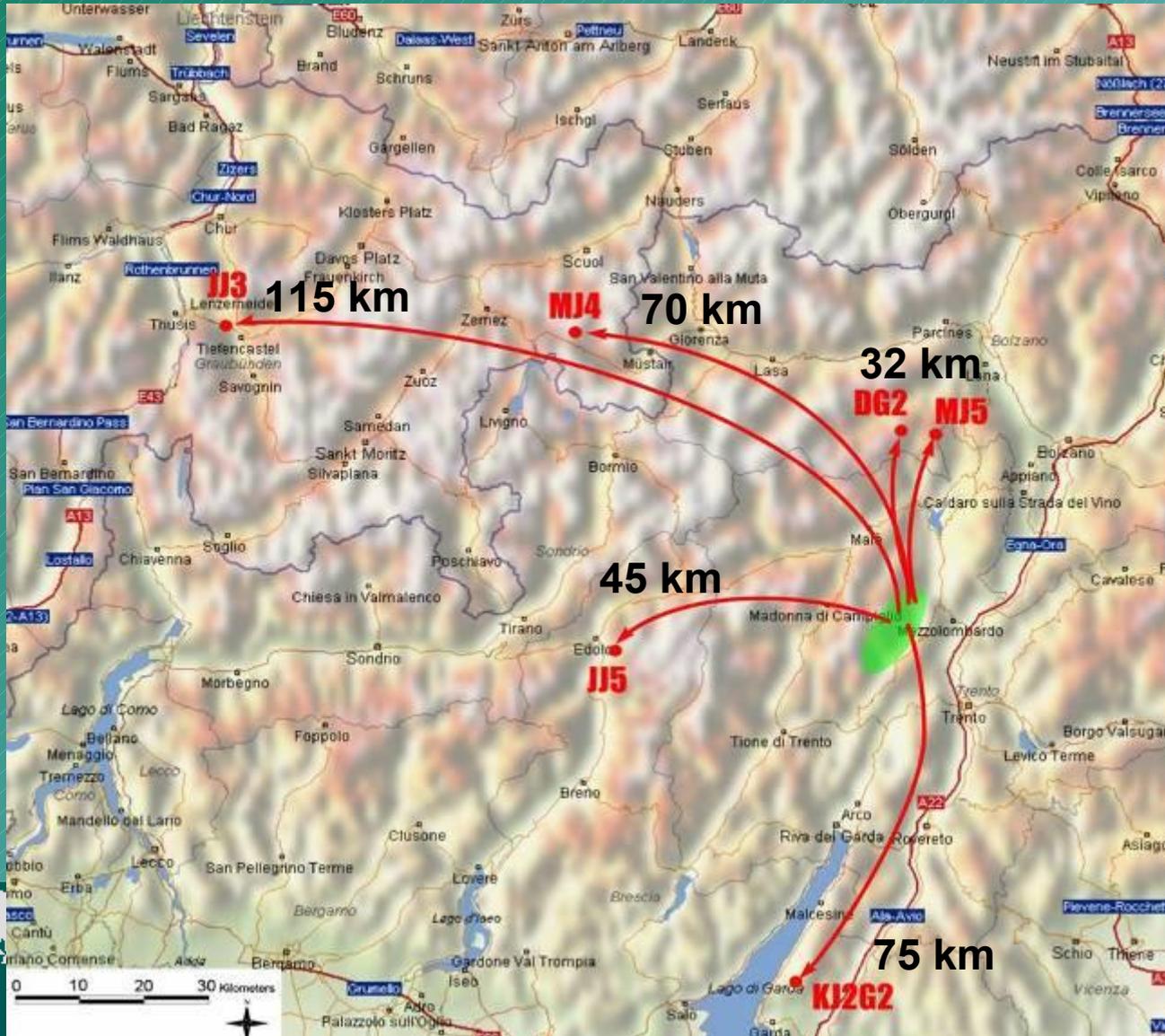
"Ursus": protection of Brenta brown bear population



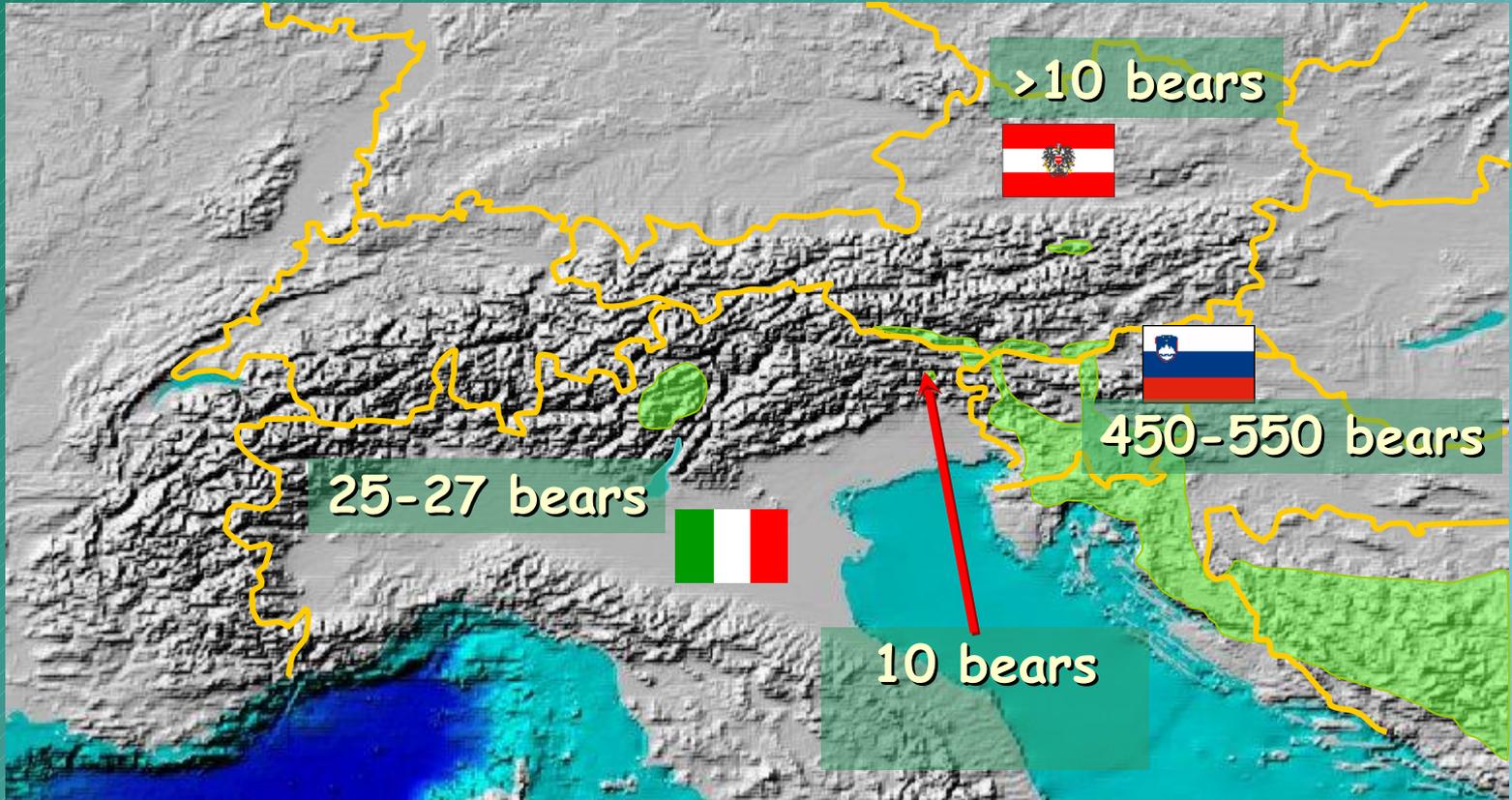
Life



Expansion from Trentino



Actual distribution of brown bear on the Alps

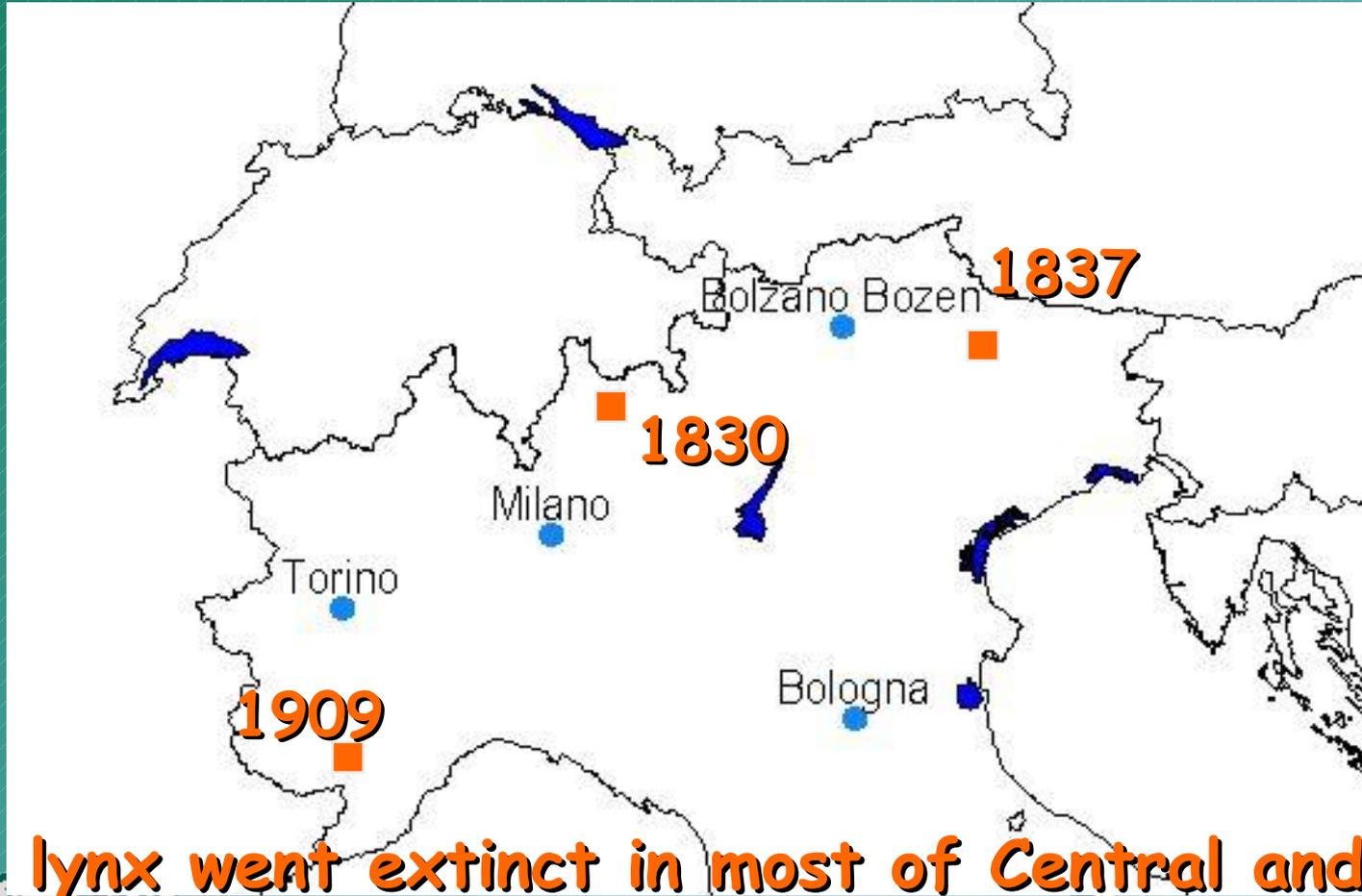


Lynx disappearance from the Alps



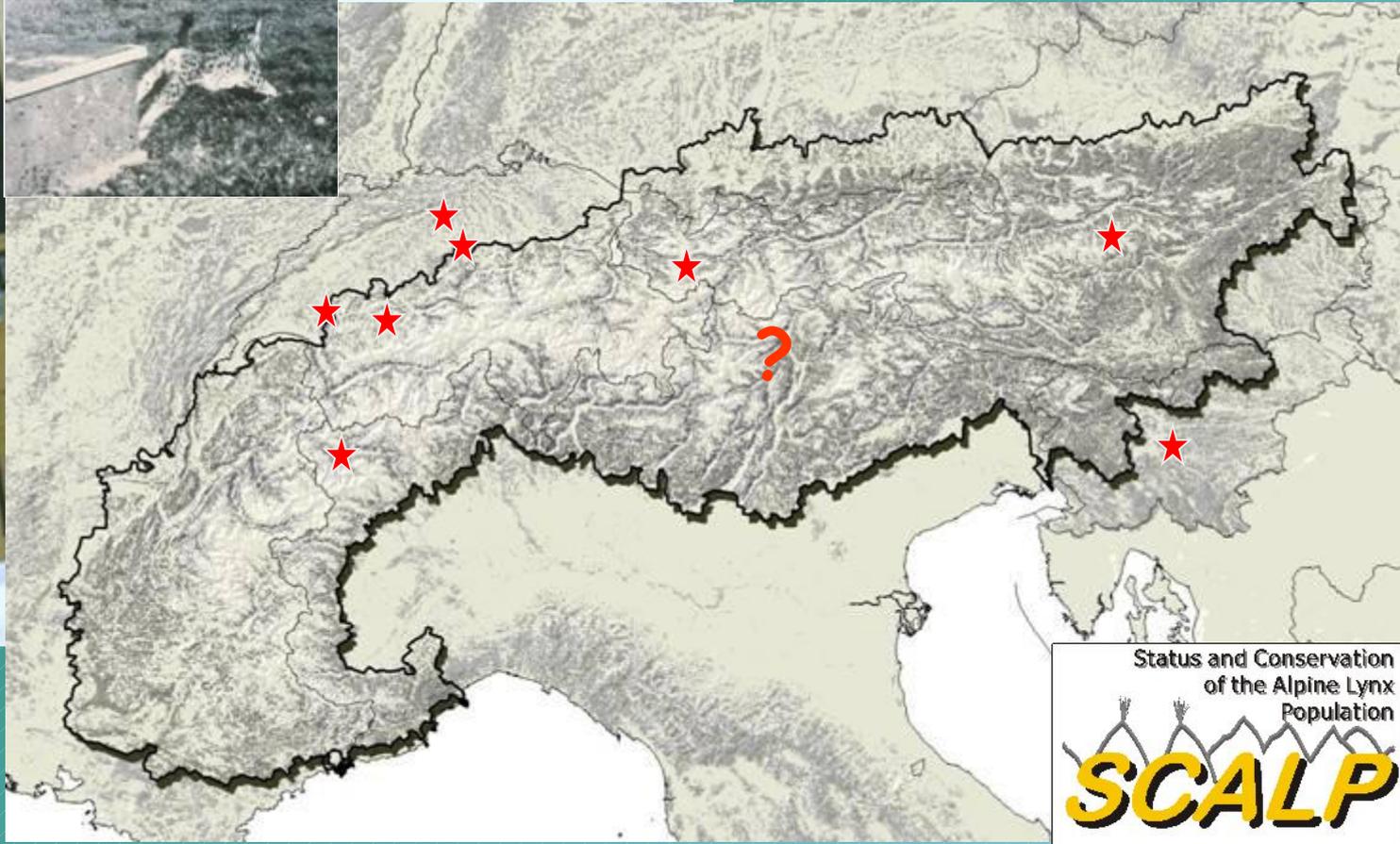
beginning of 1800

Lynx disappearance from the Alps



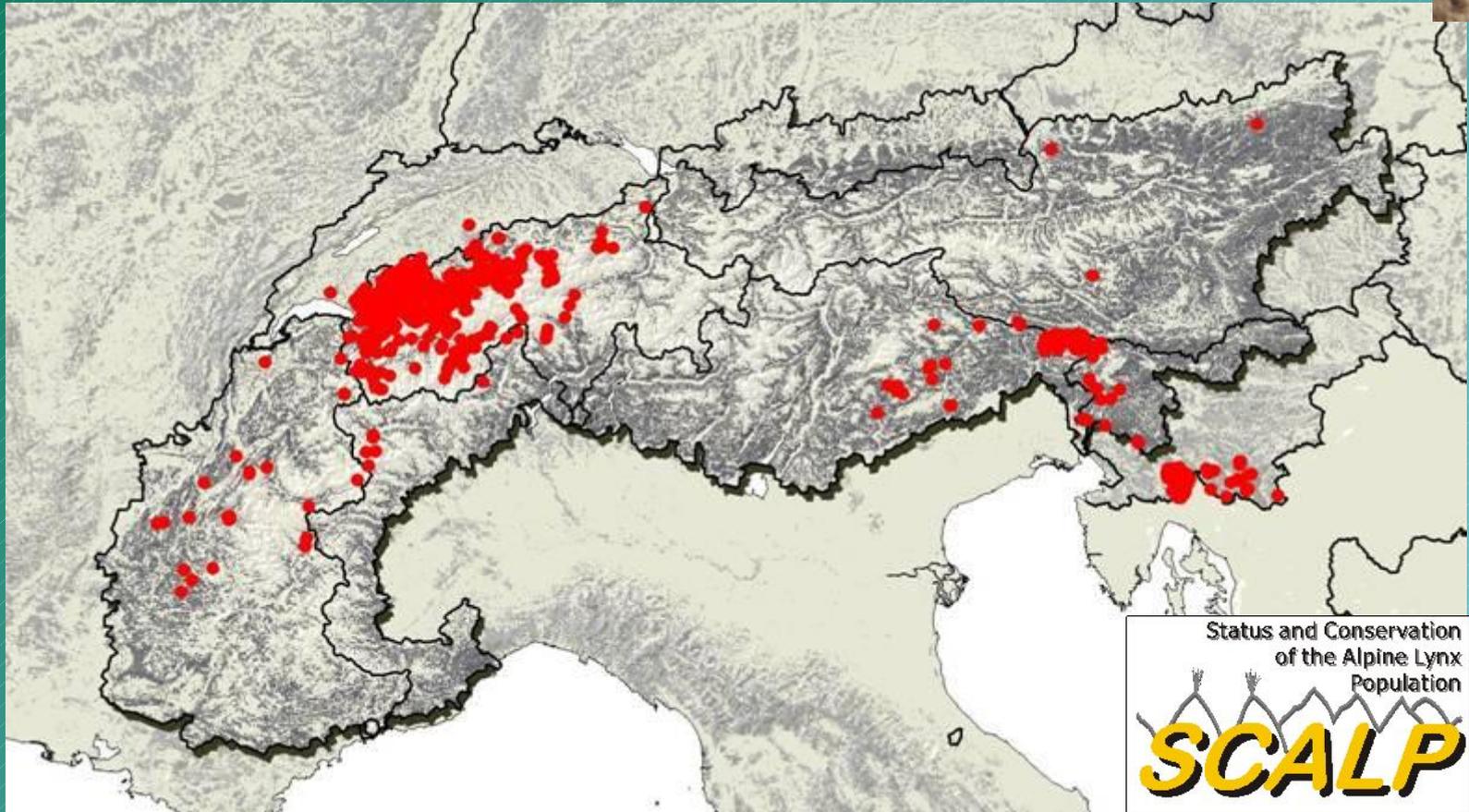
lynx went extinct in most of Central and Western Europe at the end of the 19th century

The return



Reintroduction sites during the 70ies

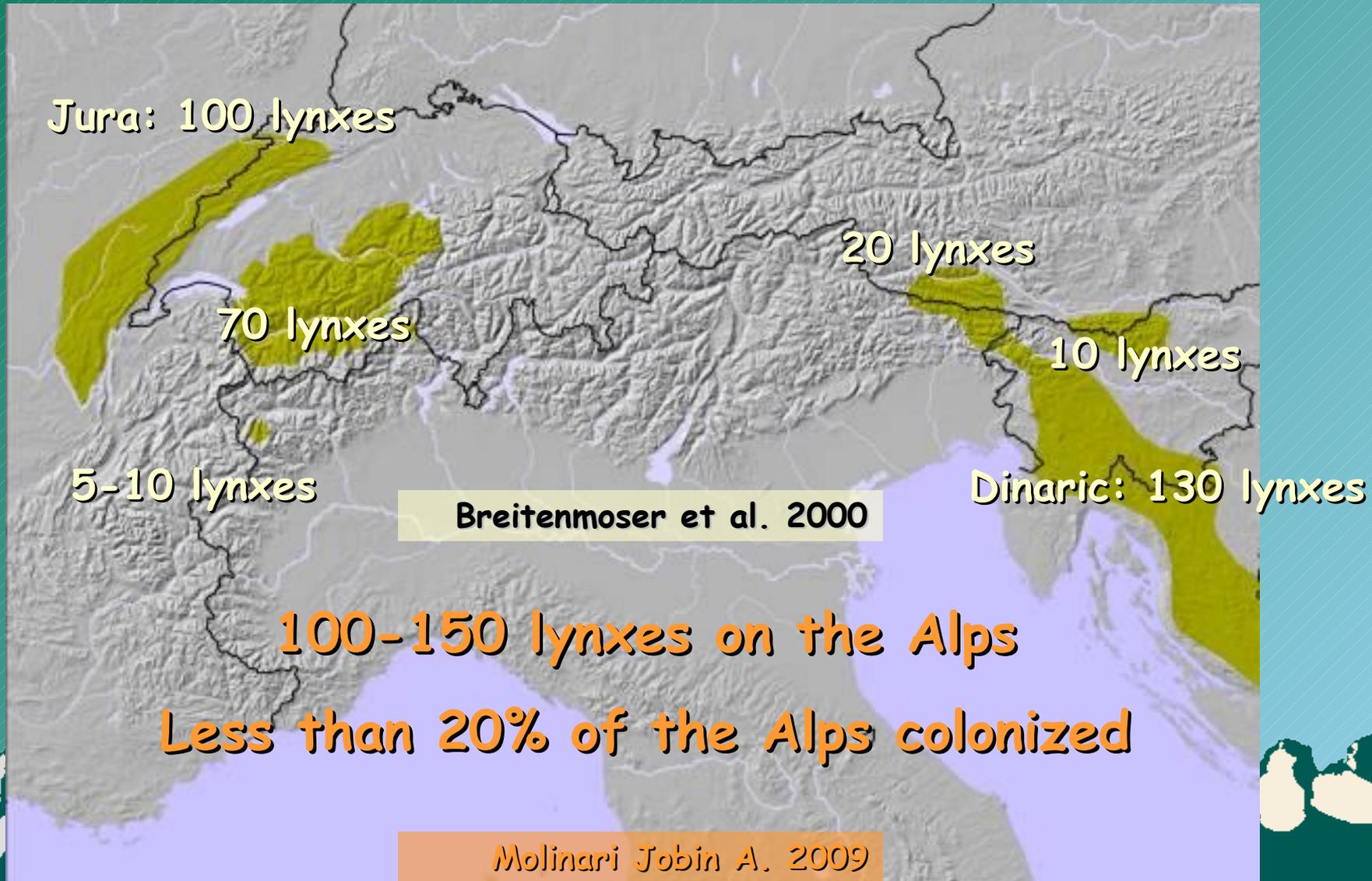
The return



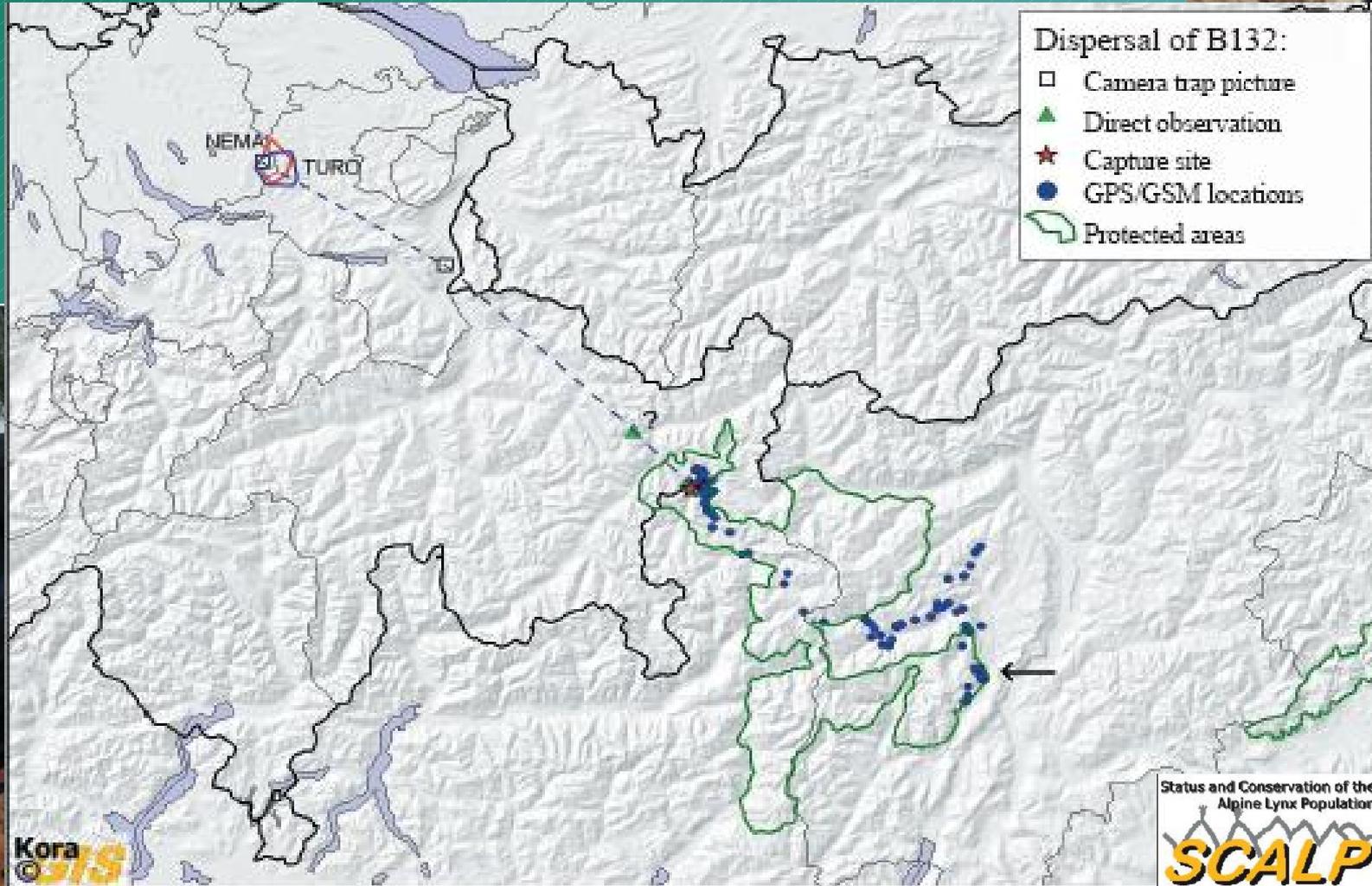
- confirmed occurrence records (1995-1999)



Actual distribution of lynx on the Alps



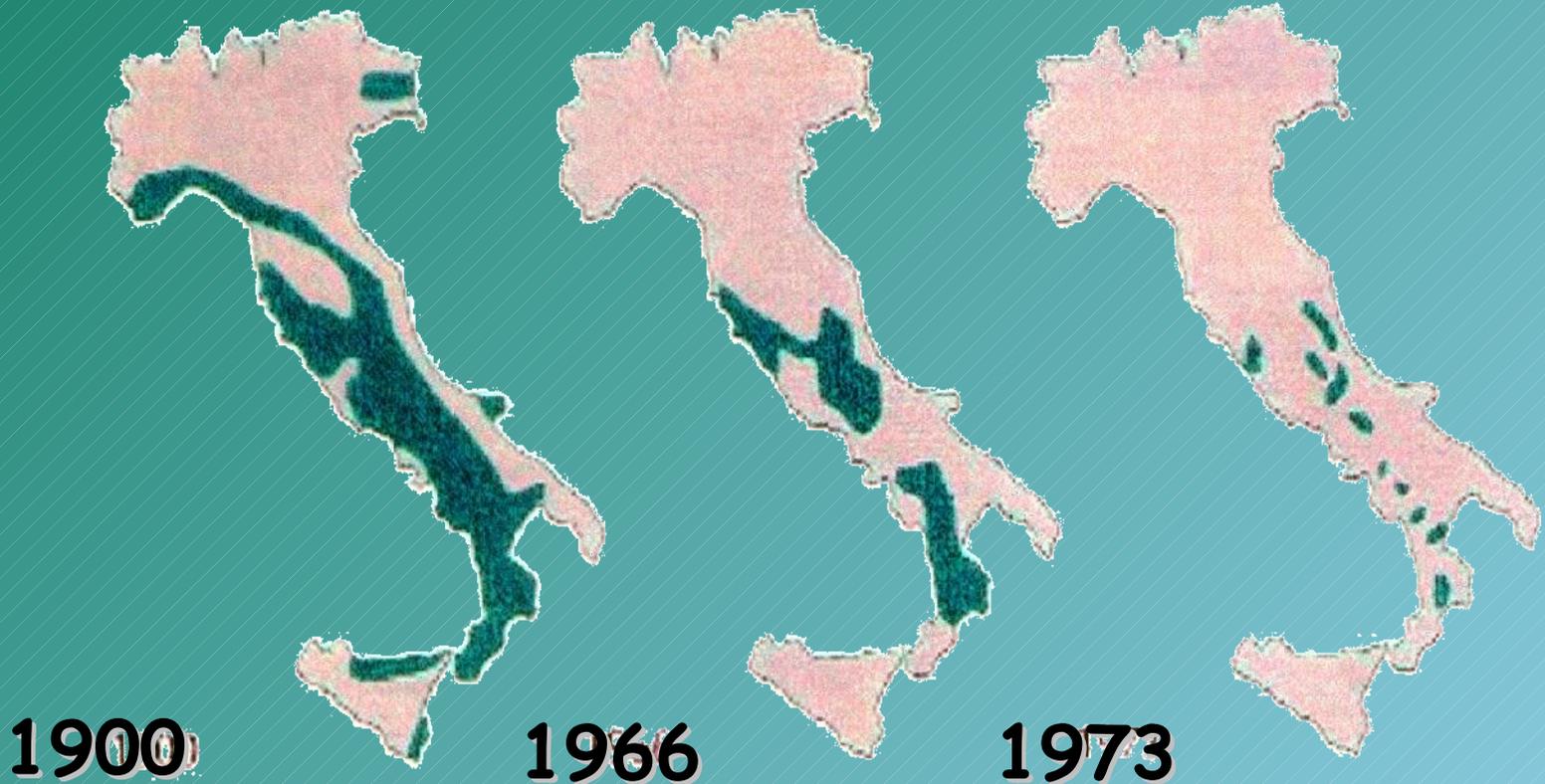
Good hopes...



Wolf history: Italy



20ies - Extinction on the Alps



The return



>500 wolves are
present today in Italy



The return

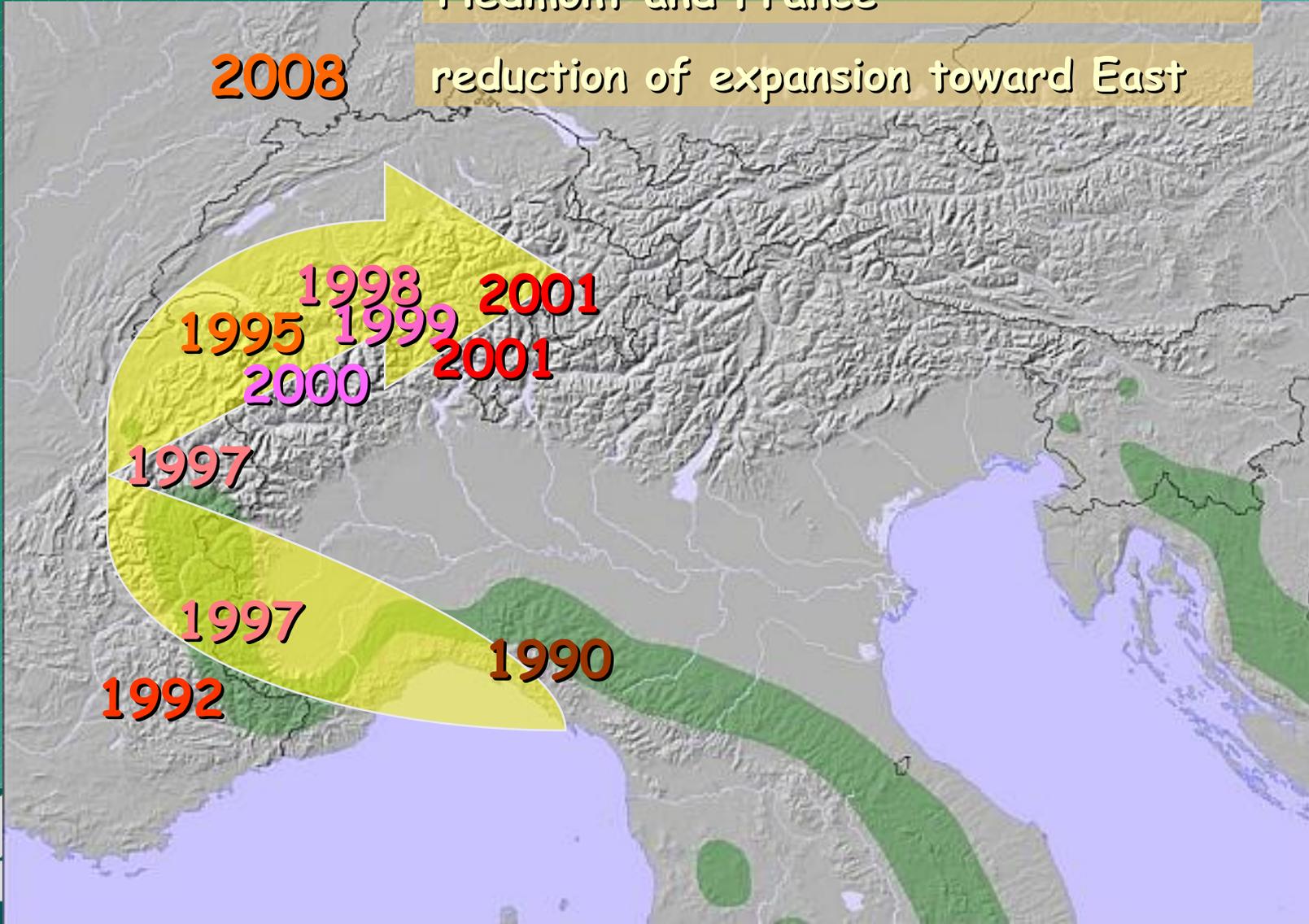


2005

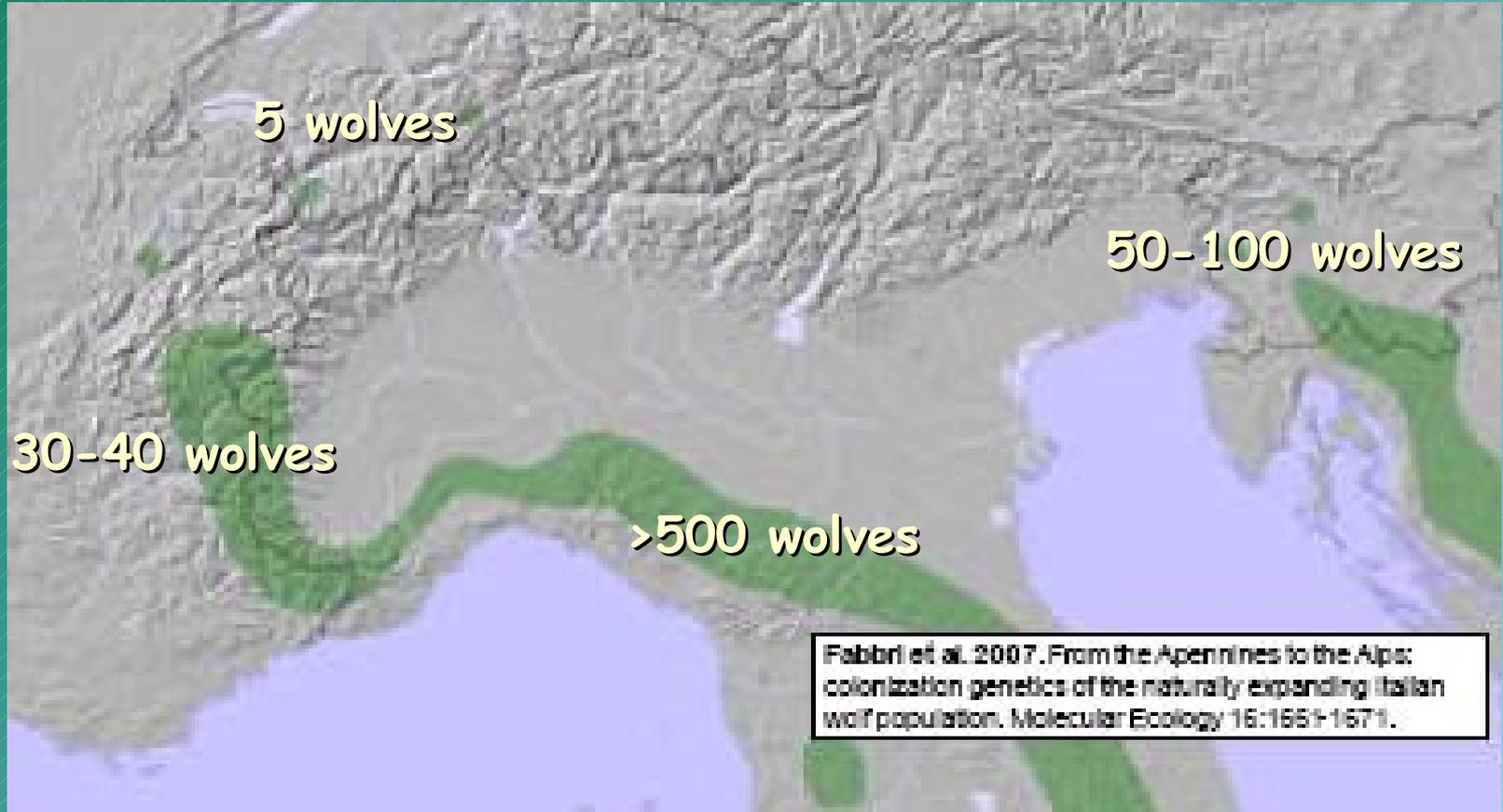
7 packs (40-50 individuals) between
Piedmont and France

2008

reduction of expansion toward East



Actual distribution of wolf on the Alps



Problem



Problem

considering that large carnivores:

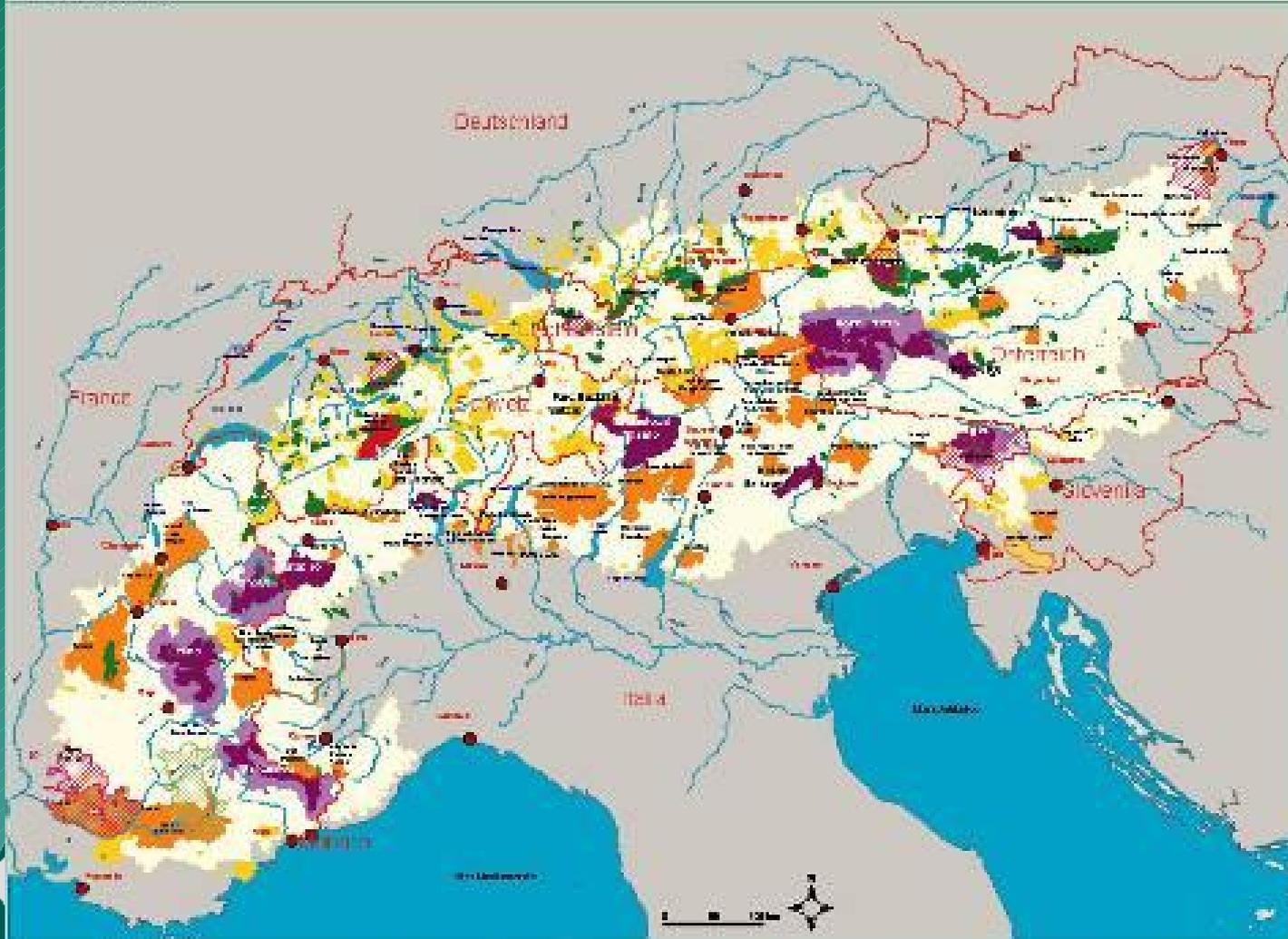
- ✓ have wide home ranges and high quality habitat requests
- ✓ live at low densities
- ✓ have low reproductive rates
- ✓ have a cultural, social, emotive (economic) impact on men
- ✓ need shared management policies
- ✓ are scarcely monitored and known in the Alpine habitat
- do not necessarily occur in protected areas



Problem

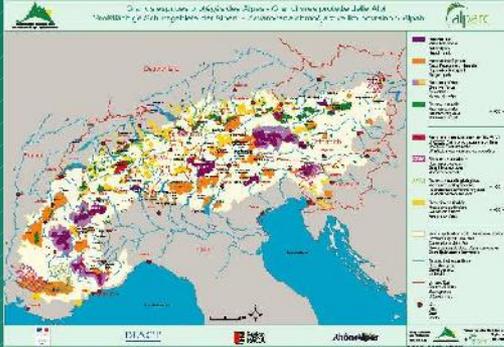
the role of the Parks?

Grandes superficies de áreas de alta montaña en las Alpi
 Großflächige Schutzgebiete der Alpen - Zavarovalna območja z veliko površino v Alpah



- Parco nazionale**
 Parco Nazionale
 National park
- Parco naturale regional**
 Parco Regionale o Utena
 Regional park
- Zona paesaggistica**
 Landschaftszone
 Landscape zone
- Riserva naturale**
 Naturreservat
 Naturschutzgebiet
 Natural monument = 400 ha
- Riserva naturale integrale (INP) /**
 UNESCO Naturmonumentale
 UNESCO Biosphärenpark
 UNESCO Biosphärenpark
- Riserva di biosfera**
 Biosphärenpark
 Biosphärenpark
 Biosphärenpark
- Riserva naturale geologica**
 Naturreservat geologisch
 Geologisches Naturschutzgebiet
 Geologisch-museumisches
 = 400 ha
- Riserva particolare**
 Besonderer Naturdenkmal
 Sonderdenkmal
 = 400 ha
- Zona di protezione della Comunità alpina**
 Umkreis der Alpenvereinsgebiete
 Alpenvereinsgebiete
 Alpenvereinsgebiete
- Riserva idrografica**
 Wasserschutzgebiet
 Gewässerschutzgebiet
 Wasserschutzgebiet
- Linea di confine**
 Grenzlinie
 Grenzlinie
 Grenzlinie
- Capitale**
 Stadt
 Stadt

Solutions



➤ active conservation projects

✓ save populations from extinction/restocking, etc.



Wolf in Piedmont

Progetto Lupo Piemonte - Regione Piemonte

WOLF MONITORING NETWORK

Polizia Provinciale

Parchi Naturali

Corpo Forestale dello Stato

Centro Gestione e
Conservazione Grandi Carnivori
- Regione Piemonte

Progetto Lupo Piemonte - Regione Piemonte

AREAS OF WOLF MONITORING (2007-2008)

Areas of wolf monitoring:

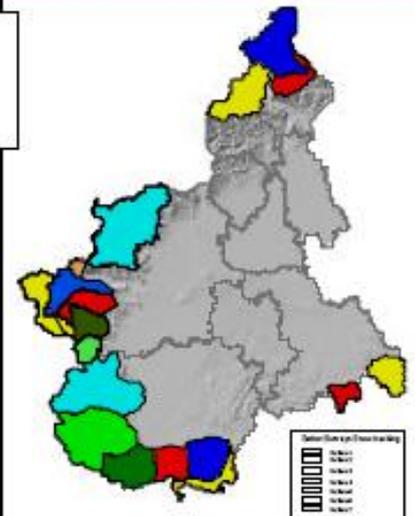
AL: 2

CN: 6

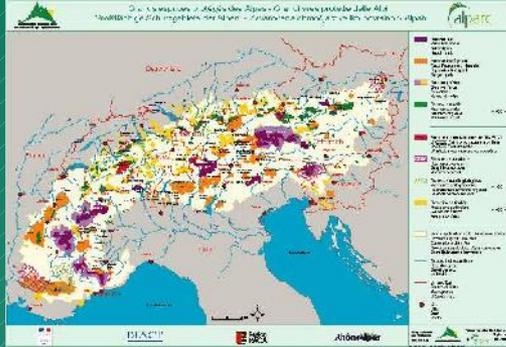
TO: 7

VCO: 3

TOTALE: 18

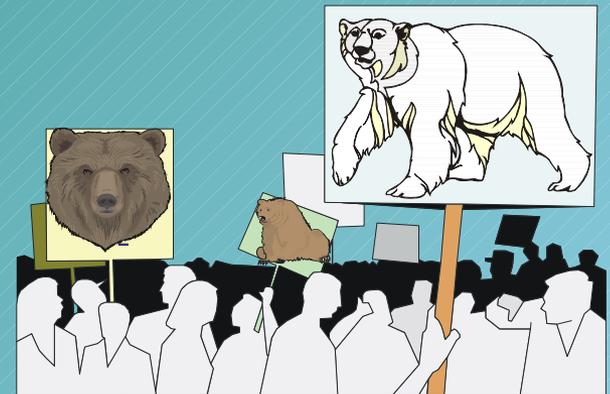


Solutions

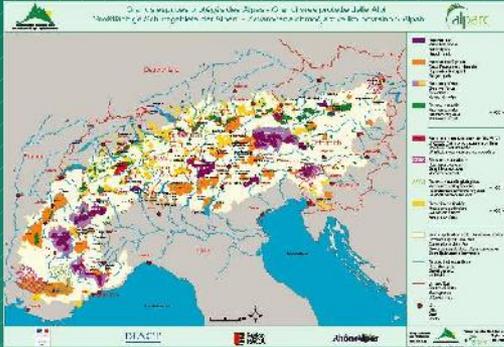


➤ prepare the social habitat for the coexistence with large carnivore

- ✓ communication activities
- ✓ damage prevention issues
- ✓ ...



Solutions



➤ favour the adoption of convenient conservation choices

promoting centers
and examples beyond
their legal
boundaries



"Large Carnivores" Work Group



1st International Workshop "Large Carnivores" - 2000
Triglav National Park (SL)

Spormaggiore 03

"Declaration of Intentions and Action Program for the realization of activities aiming to the conservation of brown bear, wolf and lynx"

"Large Carnivores" Work Group



create an active cooperation group



sharing of the experiences
and methodologies developed
(e.g. personnel exchanges,
"study tours"):

- ✓ communication activities
- ✓ species monitoring
- ✓ conflict resolution



Work Programme 2009-2010

“Large Carnivores” Work Group



1. To improve **exchanges of information and data** between the protected areas
2. To work in **synergy with other national and international networks** of experts
3. To examine the potential for **developing an international project** within the Alps or further afield
4. To exploit **synergies between the monitoring activities** carried out in the protected areas and research programmes in place in other organizations



Thank you for your
attention



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