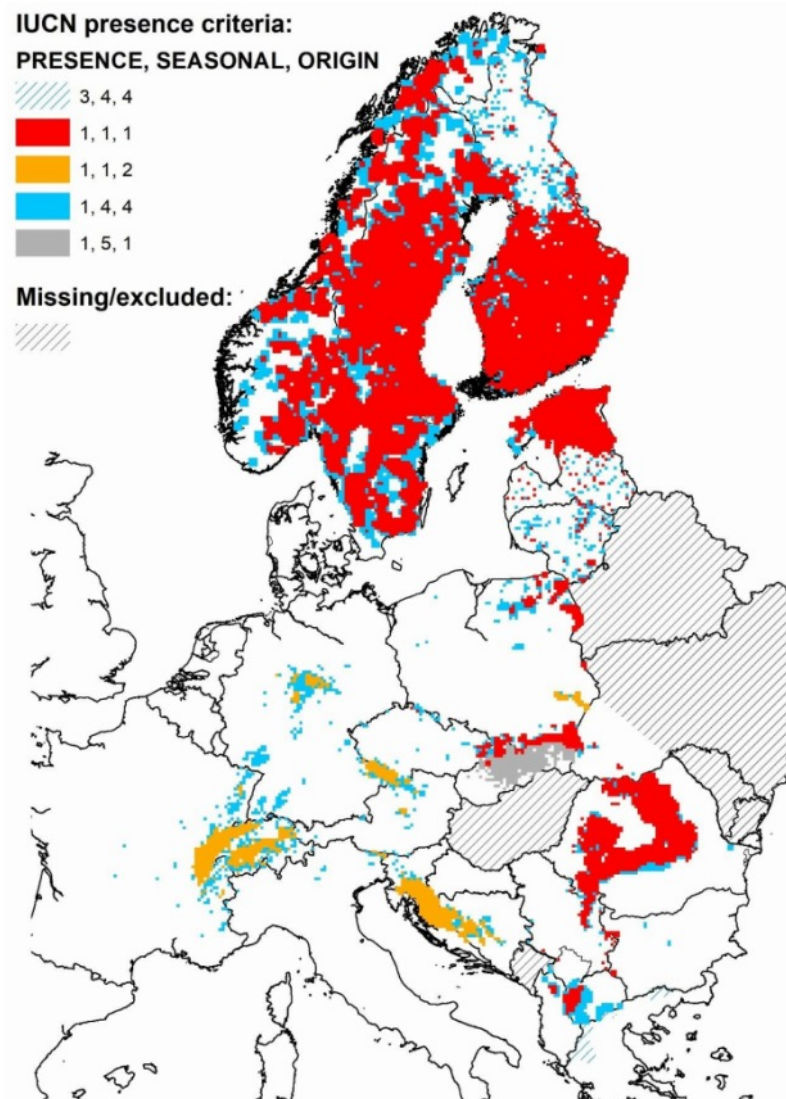


Long-term conservation of the Carpathian lynx in West-Central Europe

Urs Breitenmoser & Christine Breitenmoser-Würsten





**IUCN Red List Mapping for regional assessment
of Eurasian Lynx (*Lynx lynx*) in Europe**

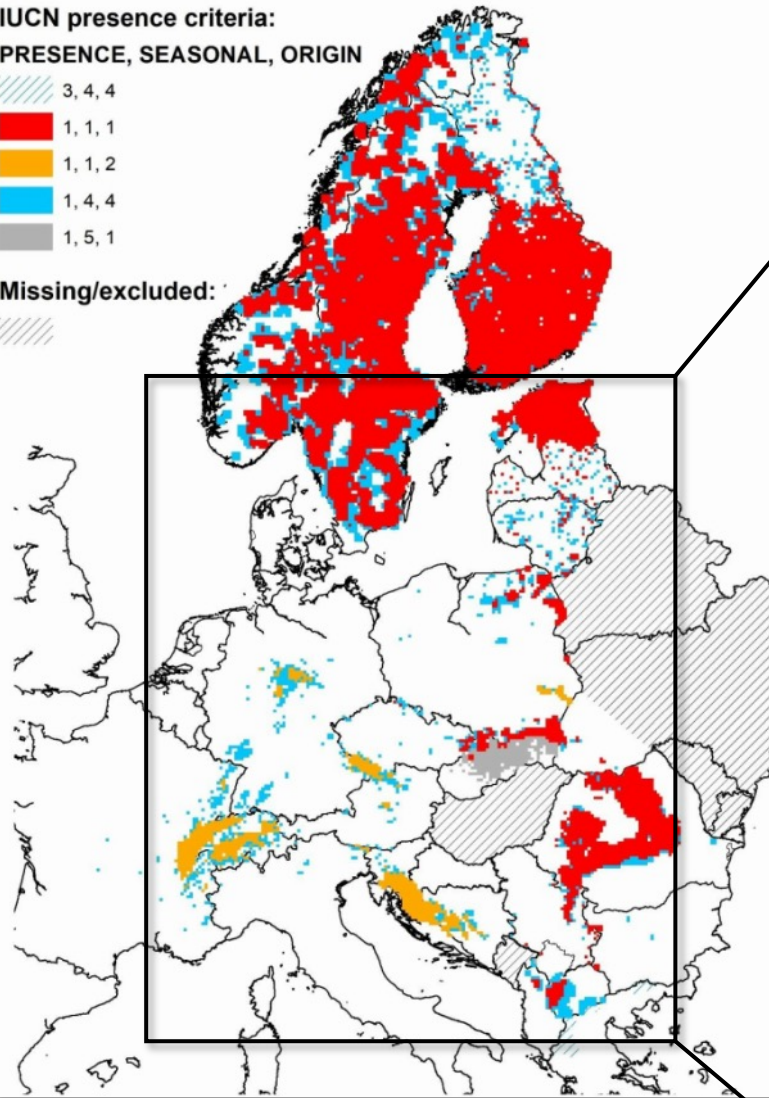
Petra Kaczensky, NINA – June 2018



IUCN presence criteria:
PRESENCE, SEASONAL, ORIGIN

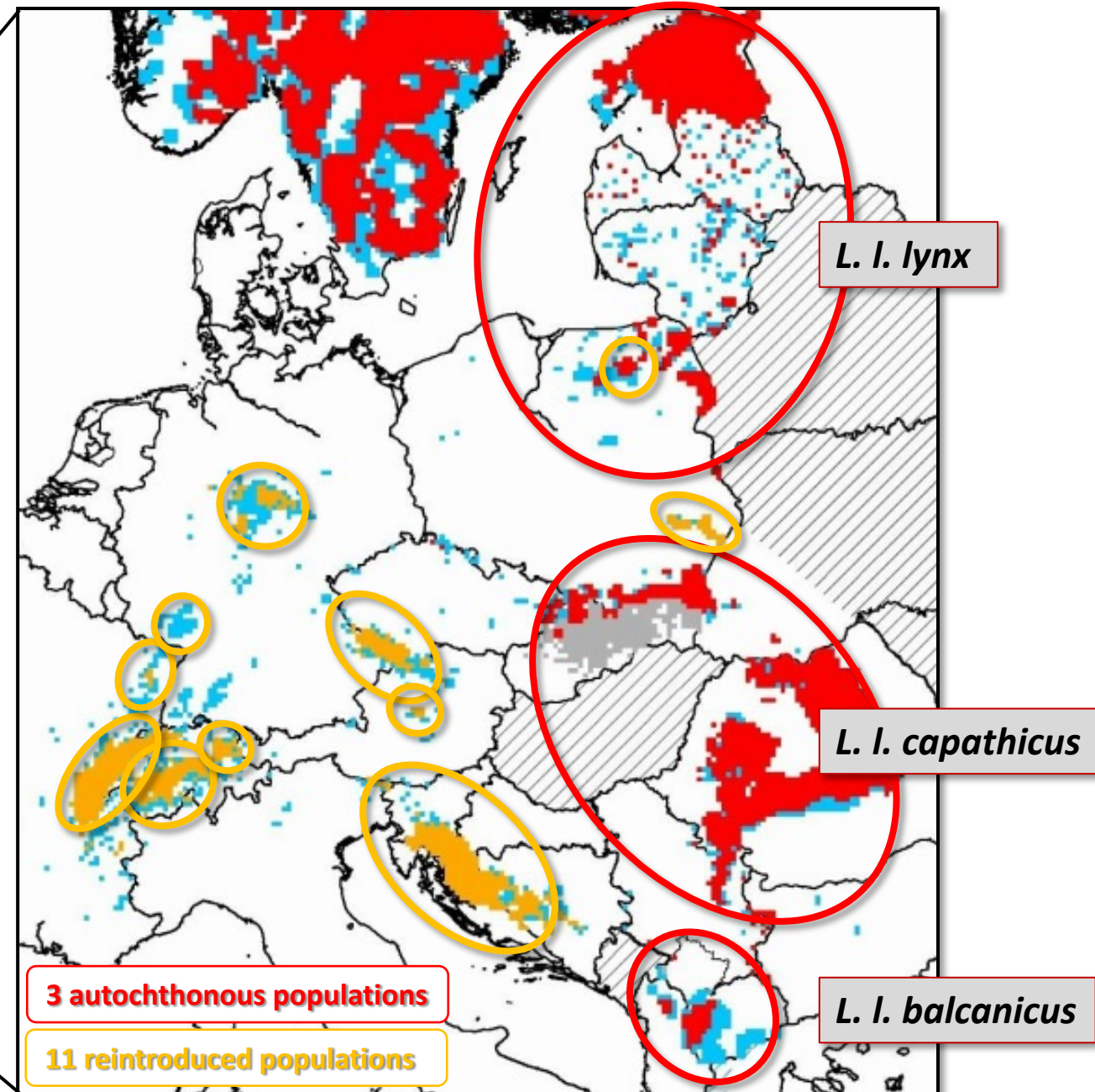


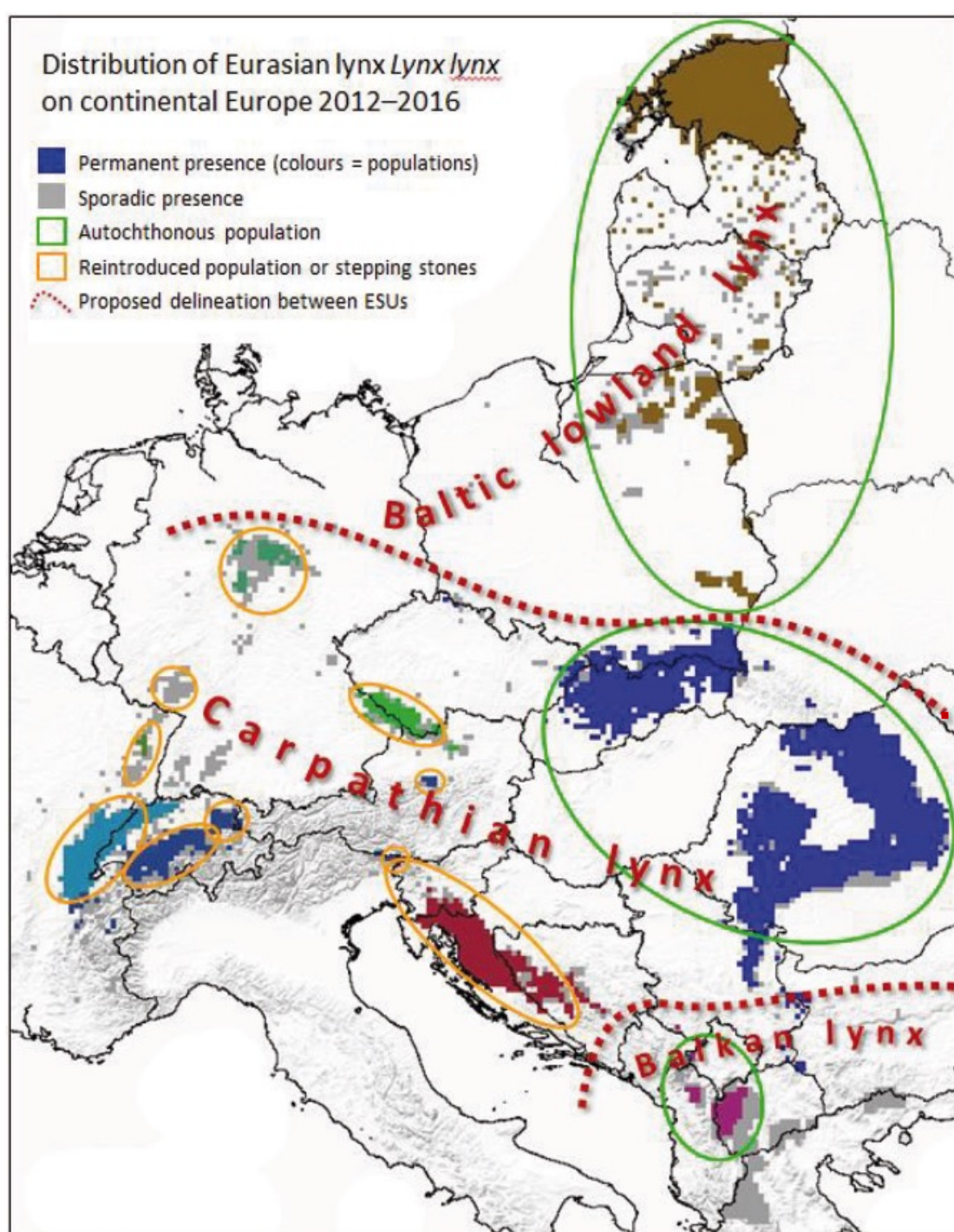
Missing/excluded:



IUCN Red List Mapping for regional assessment of Eurasian Lynx (*Lynx lynx*) in Europe

Petra Kaczensky, NINA – June 2018





Recovery areas of lynx on continental Europe

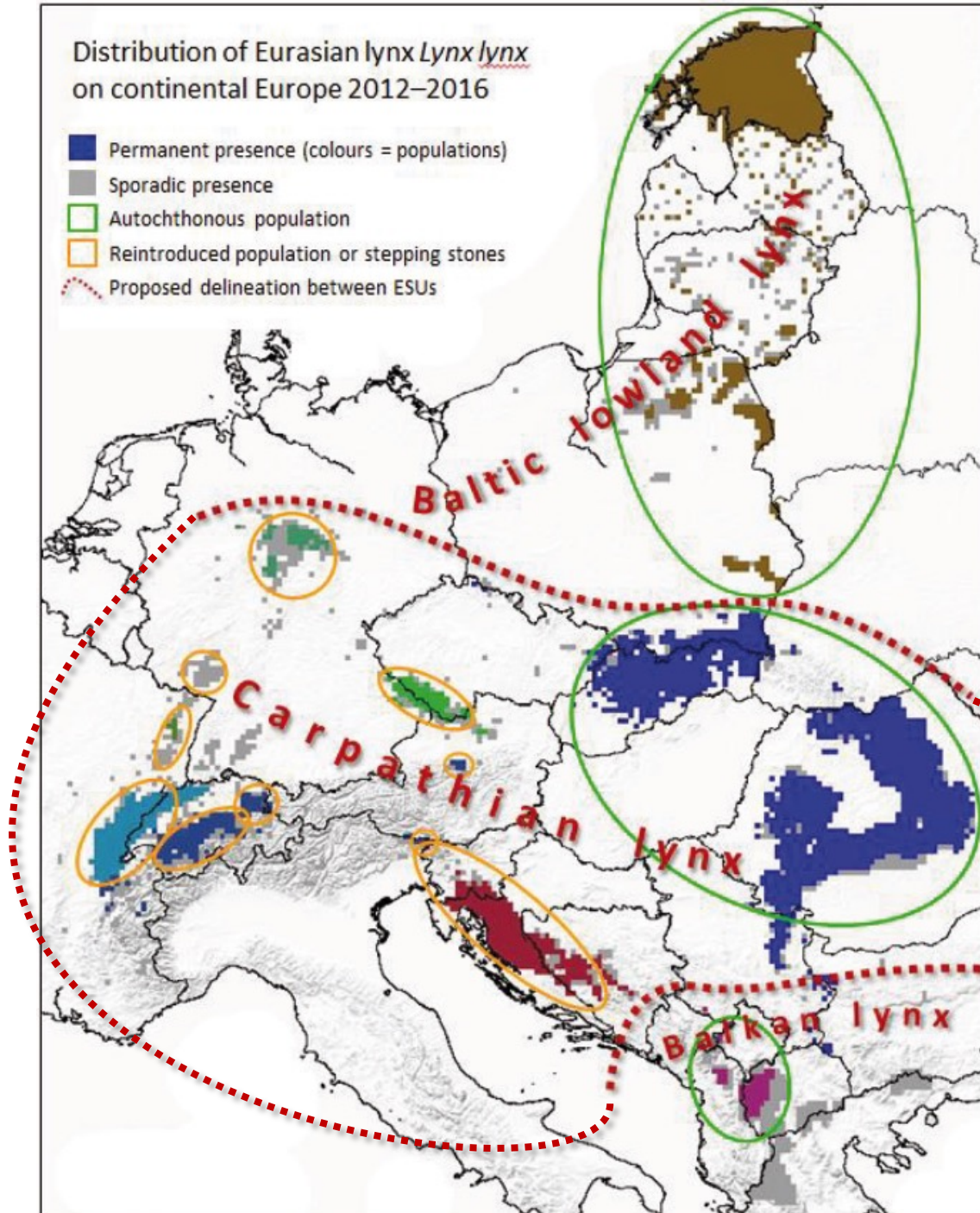
North-continental lowlands:
Lynx lynx lynx

West-central mountains:
Lynx lynx carpathicus

Southern mountains on the Balkan peninsula:
Lynx lynx balcanicus

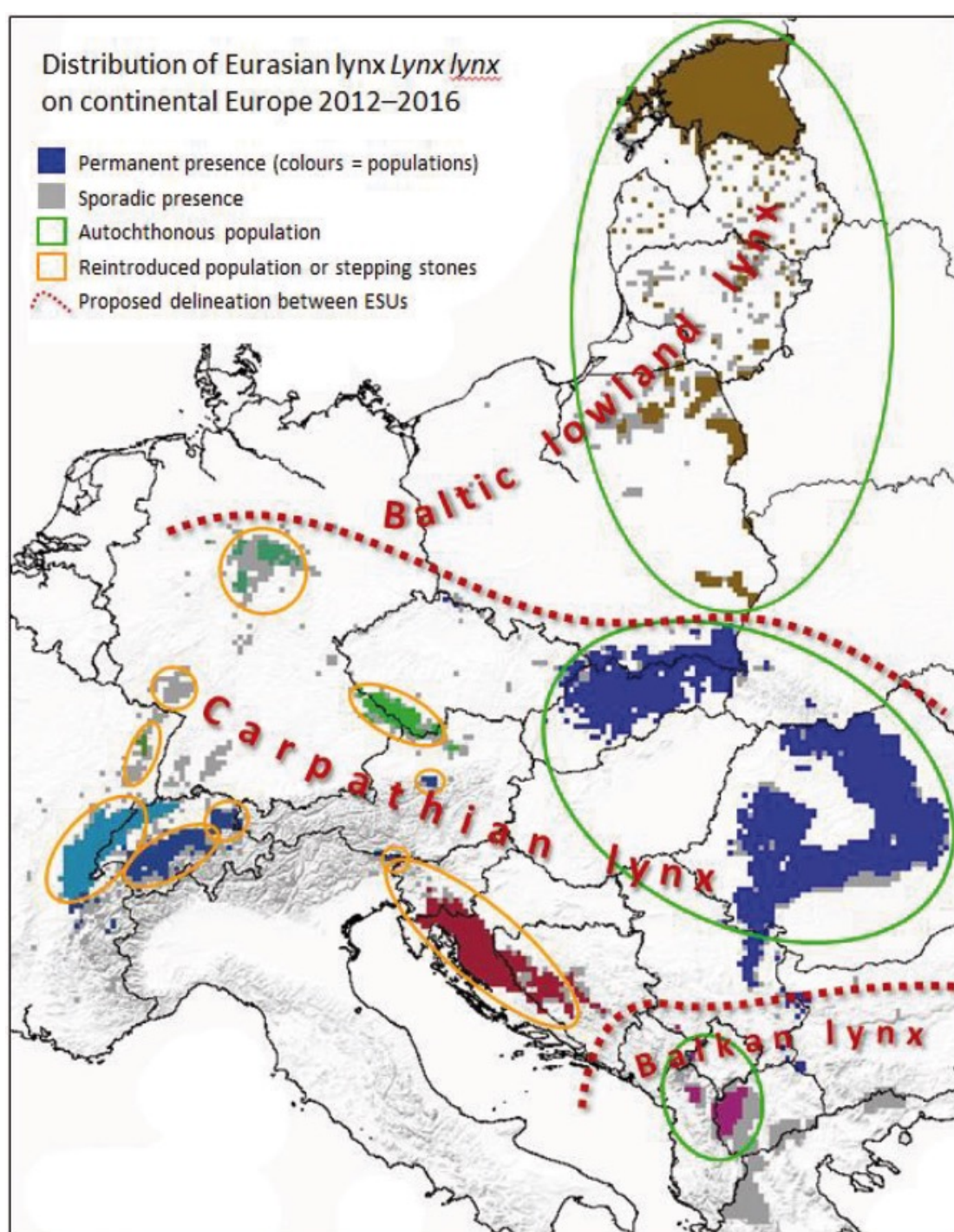
Distribution of Eurasian lynx *Lynx lynx*
on continental Europe 2012–2016

- Permanent presence (colours = populations)
- Sporadic presence
- Autochthonous population
- Reintroduced population or stepping stones
- ⋯ Proposed delineation between ESUs



Recovery areas of lynx on continental Europe

Realm of the Carpathian lynx



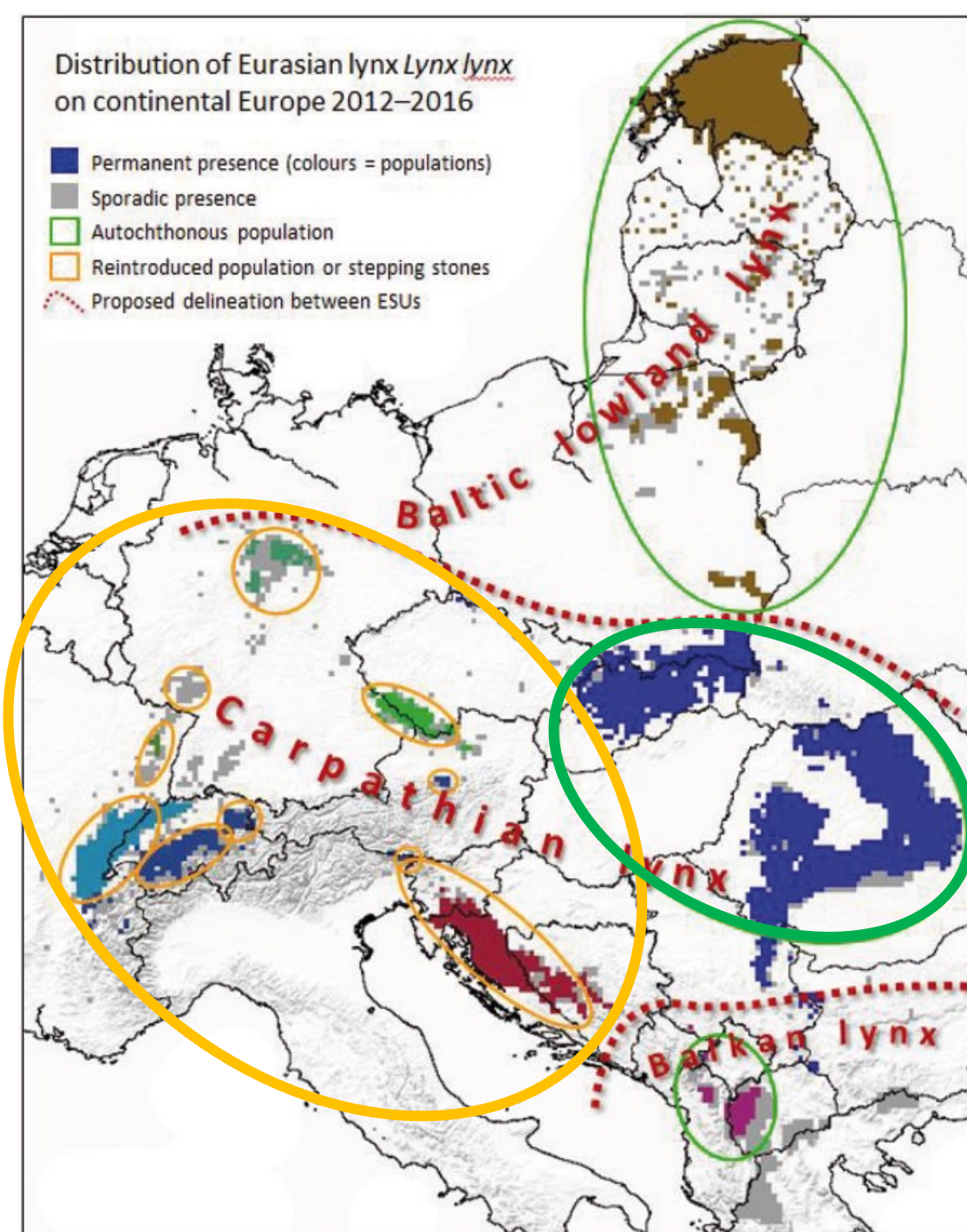
Recovery of lynx on continental Europe

Challenge: Populations are small and fragmented

Population	Size (ind.)	Trend	RLA
Baltikum	1200–1500	↘	LC
Karpaten	2100–2400	→	LC
Balkan	20–39	→	CR
Alpen	163	↗	EN
BBÖ	60–80	→	CR
Dinariden	130	→/↘	EN
Harz	46	↗	CR
Jura	140	↗	EN
Vogesen-Pfalz	1–3 ^a	↓ [↗]	CR

Status lynx populations continental Europe 2018 (LCIE)

^aprior to LIFE Pfälzerwald, today 10–20

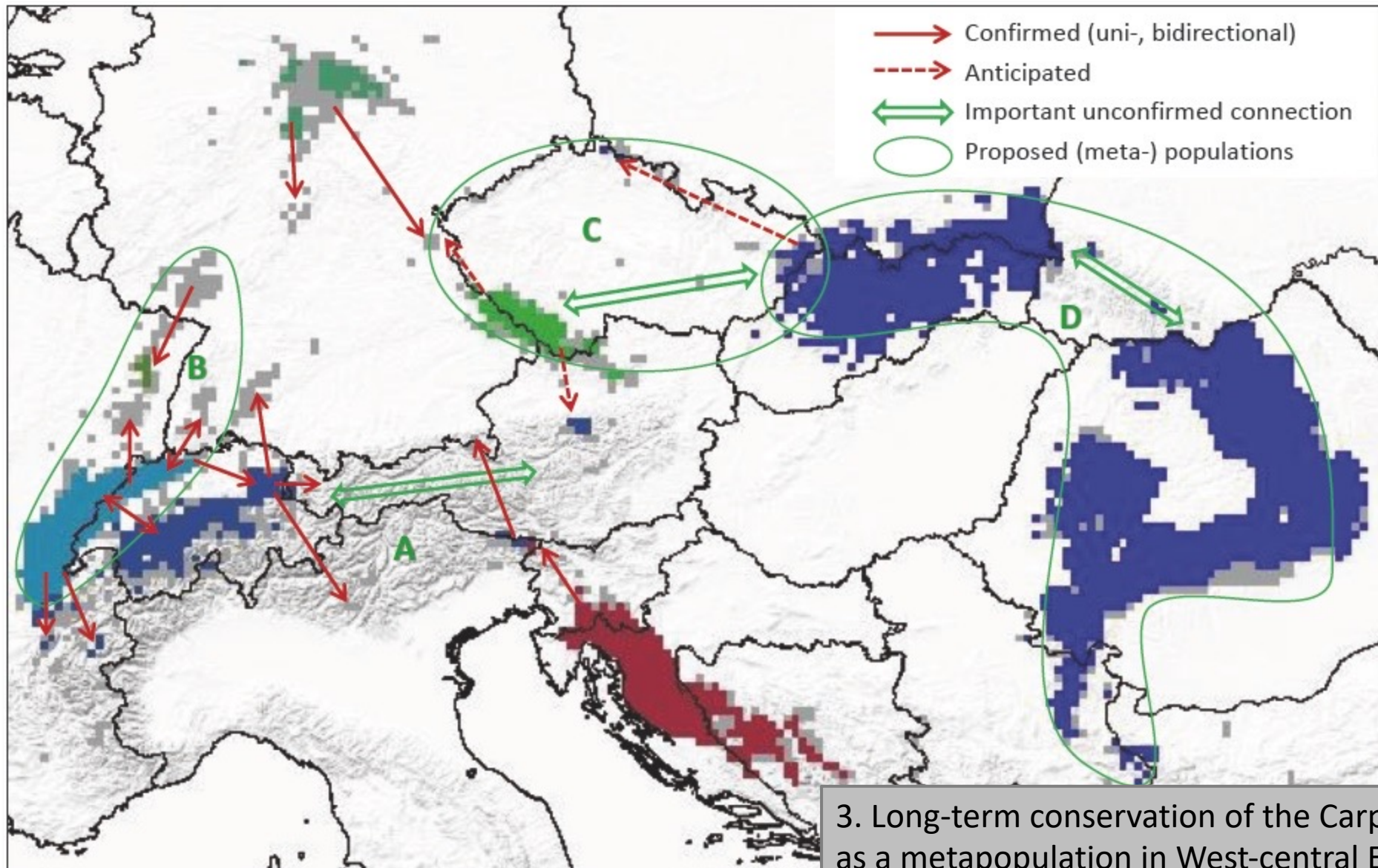


Approach in the “Realm of the Carpathian lynx”

1. Secure the survival of the autochthonous population in the Carpathians

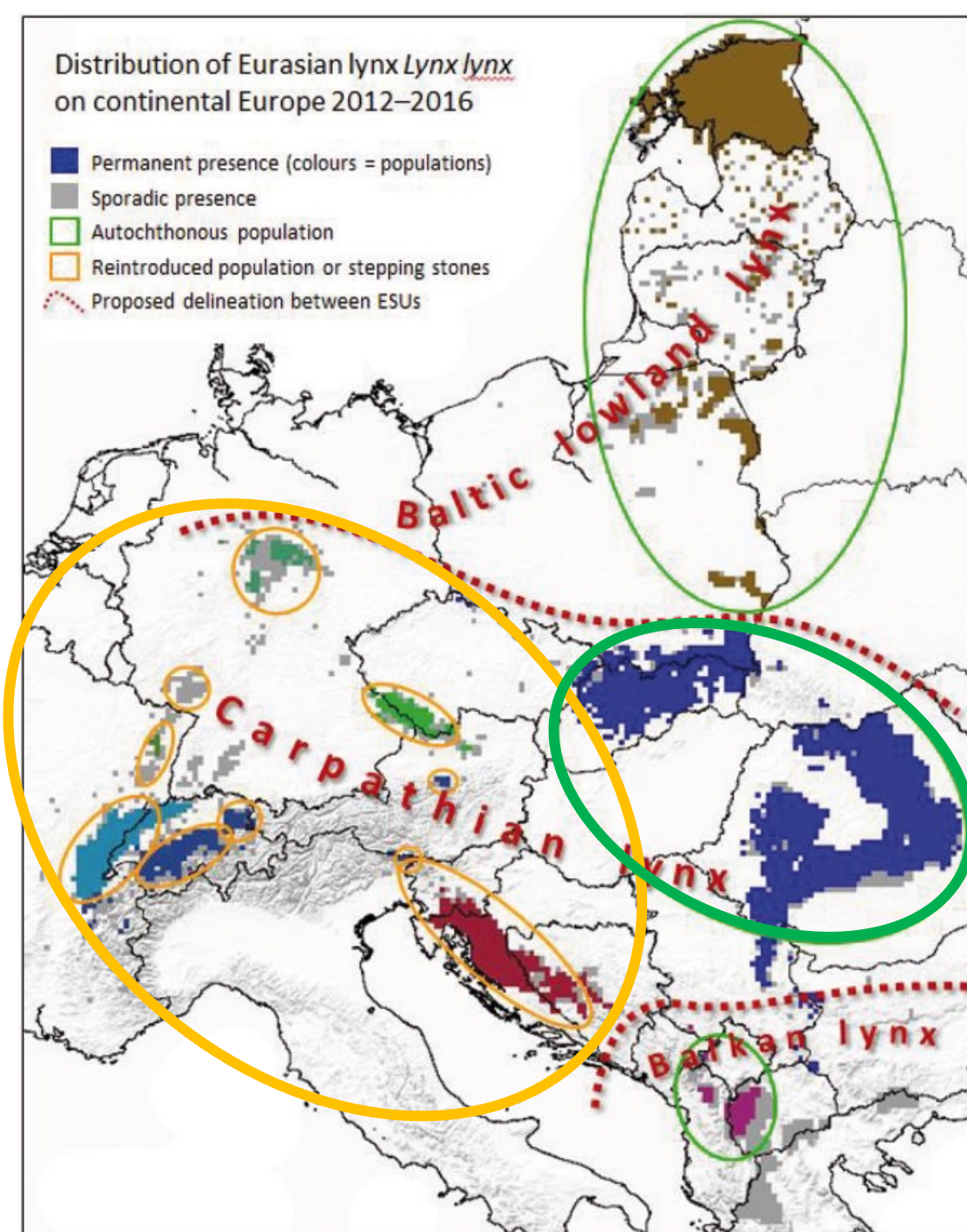
2. Genetic remedy and stepping-stone reintroductions in western part of the realm

3. Long-term conservation of the Carpathian lynx as a metapopulation in West-central Europe



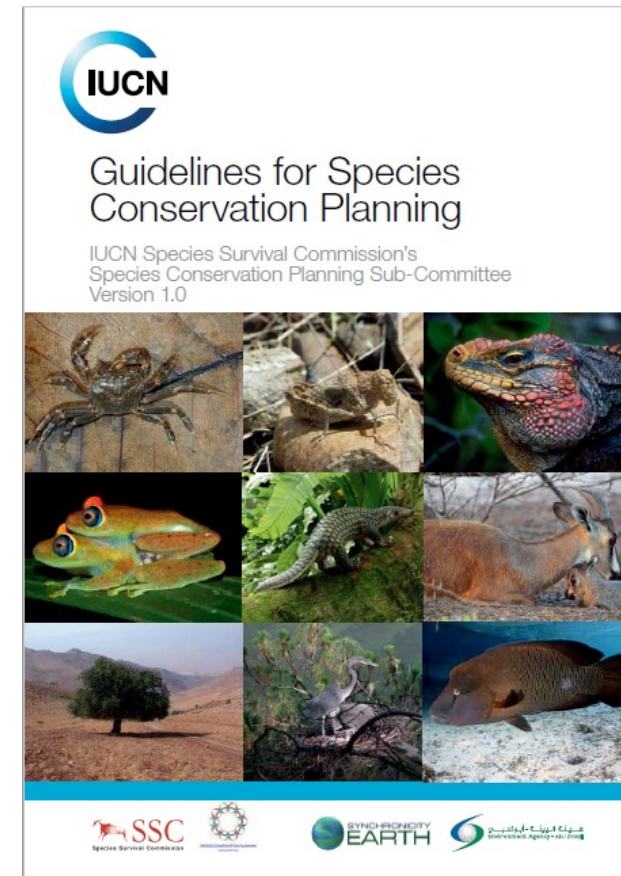
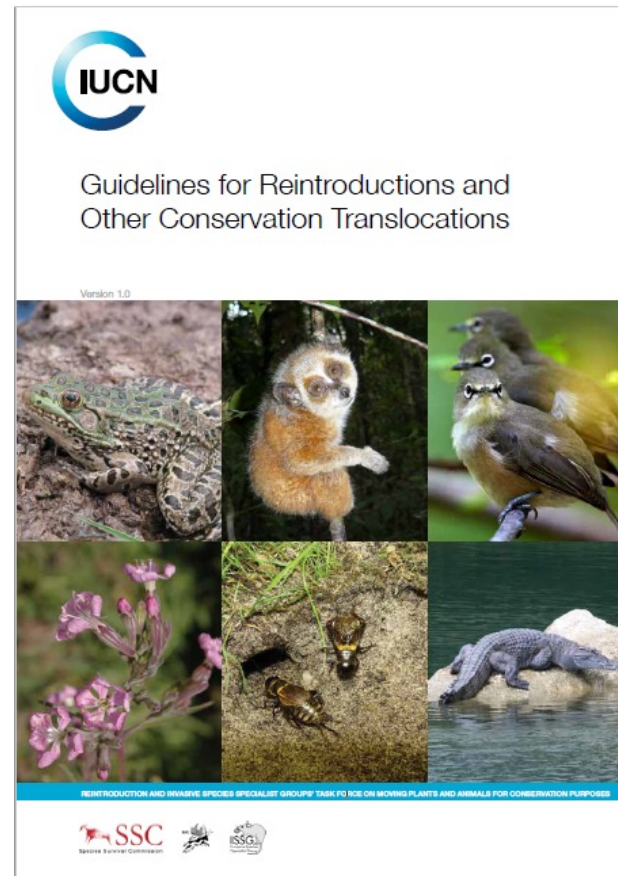
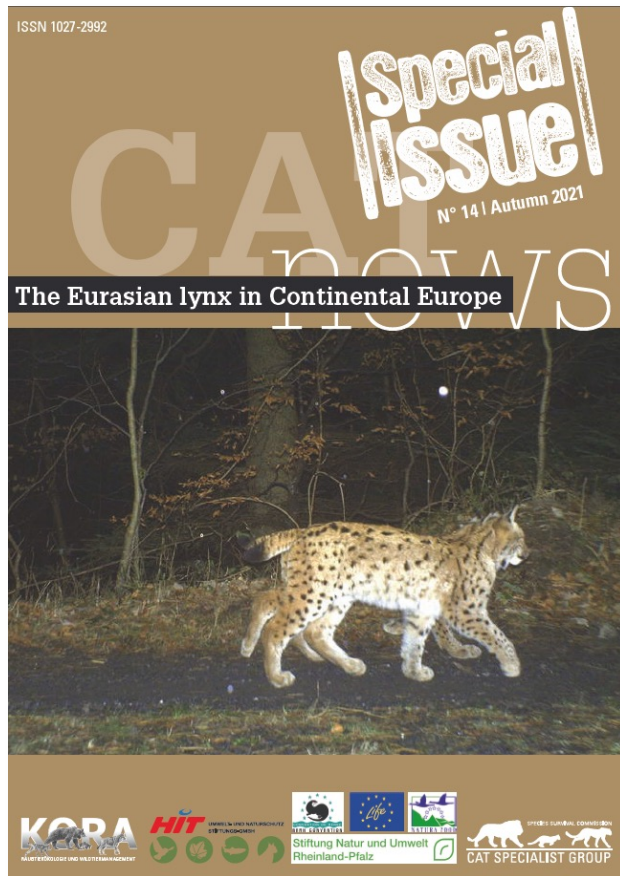
3. Long-term conservation of the Carpathian lynx as a metapopulation in West-central Europe

Metapopulation: All populations are connected through natural or managed dispersal



Approach in the “Realm of the Carpathian lynx”

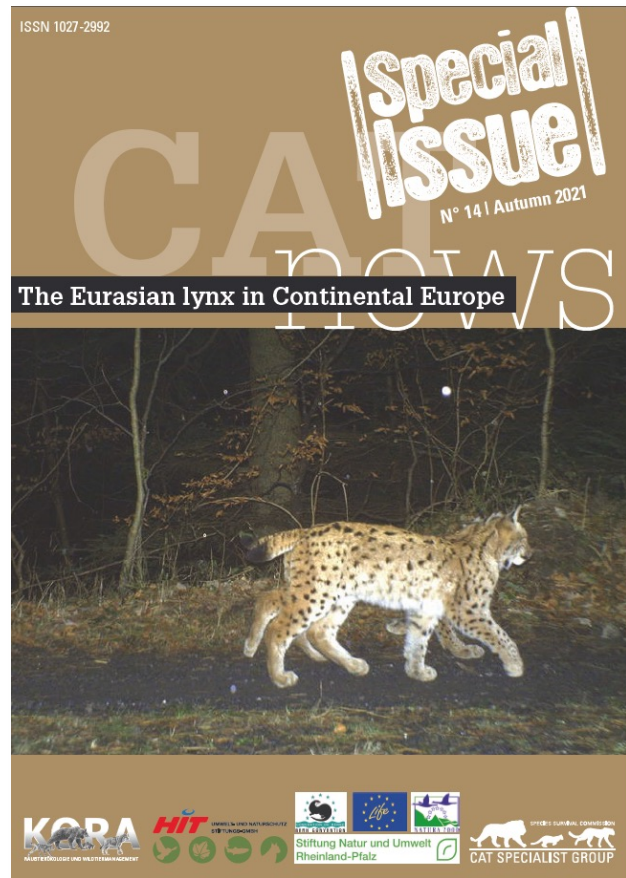
1. Secure the survival of the autochthonous population in the Carpathians
 - **Carpathian Lynx Conservation Strategy** according to IUCN standards in cooperation with the Carpathian Countries and the Bern Convention, the Carpathian Convention and the **Convention on Migratory Species**
2. Genetic remedy and stepping-stone reintroductions in western part of the realm
 - Development of **Guidelines** for the recovery of the lynx to coordinate the projects in the different countries and the cooperation with the Carpathian countries



Possible agenda for a Lynx Conservation Strategy for the Carpathians:

- Listing proposal for Eurasian lynx to CMS COP in October 2023*
- Compilation of input data (status report) for the lynx in the Carpathians
- Agreement with the conservation agencies of the Carpathian countries, Conventions, and partners
- Fundraising
- Workshop for participatory development of Strategy possible summer/fall 2024

*Submitted by Balkan lynx (CR) range states



Thank you!

