Towards elaboration of the International action plan for the conservation and sustainable management for the Carpathian populations of large carnivores – presentation of steps taken

9th Carpathian Convention WG Biodiversity Meeting

30 – 31 May 2019, Ostrava, Czech Republic

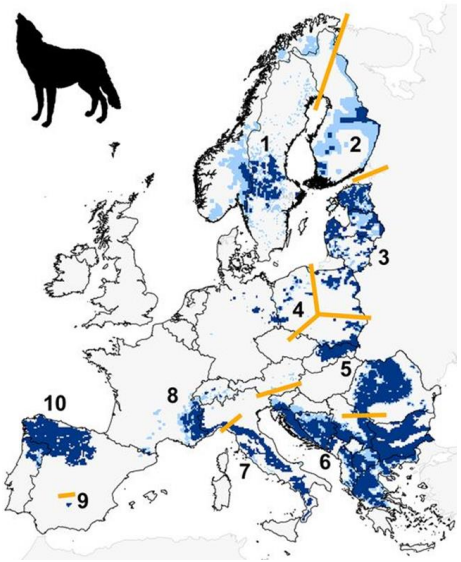
Secretariat of the Carpathian Convention

The Carpathians and biodiversity

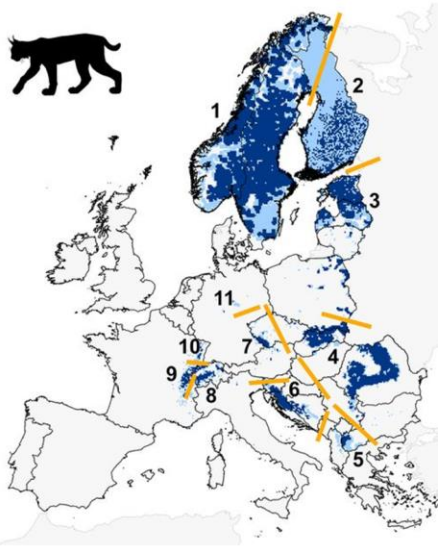
- Close to 100,000 km2 of natural or semi/natural forests
- 36,000 km2 of protected areas
- 3,000 km2 of virgin forests
- Hundreds of endemic plant species
- **Stronghold of the largest carnivore population in Europe**
- **Density of bears, wolves and lynx one of the highest in the world**

Large Carnivores in the Carpathians

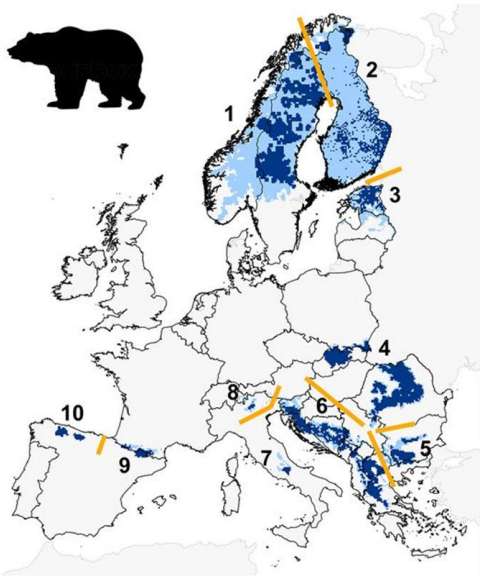
Population	Estimated No. (2010-2012)
1 Scandinavian	300
2 Karelian	160
3 Baltic	1140
4 Central Europe	150
5 Carpathian	**3000**
6 Dinaric-Balkan	3900
7 Italian Peninsula	700
8 Alpine	160
9 NW Iberian	2350
10 Sierra Morena	6
TOTAL	**12000**



Population	Estimated No. (2010-2012)
1 Scandinavian	2050
2 Karelian	2520
3 Baltic	1600
4 Carpathian	**2350**
5 Balkan	50
6 Dinaric	130
7 Bohemian-Bavarian	50
8 Alpine	130
9 Jura	110
10 Vosges-Palatinian	20
11 Harz Mountains	10
TOTAL	**9000**



Population	Estimated No. (2010-2012)
1 Scandinavian	3400
2 Karelian	1700
3 Baltic	710
4 Carpathian	**7200**
5 East Balkan	60
6 Dinaric-Pindus	3070
7 Central Appenines	50
8 Alpine	50
9 Pyrenean	30
10 Cantabrian	200
TOTAL	**17000**



(Chapron et al. 2014)

Main threats to Large Carnivores in the Carpathians

1. Habitat fragmentation/isolation due to badly planned infrastructure (road, rail, housing, industry) and climate change
2. Human-wildlife conflicts / low large carnivore stakeholder acceptance
3. Data insufficient for basing sound management measures on compensation of the damages caused by large carnivores
4. Poaching / lack of law enforcement
5. Lack of scientific data on numbers of large carnivores, no comprehensive monitoring programme

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CARPATHIAN NETWORK OF PROTECTED AREAS

CWI
CARPATHIAN WETLAND INITIATIVE

Art. 4 of the Carpathian Convention

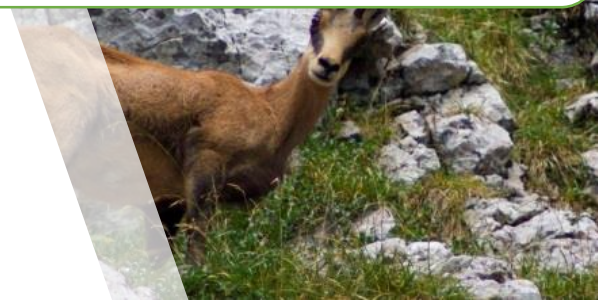
Strategic Action Plan

2003 — **2008** — **2011**

Objective 3 - Conservation and sustainable use of species of flora and fauna, conservation of endangered species, including endemic species and large carnivores of the Carpathians

Objective 4 - Continuity and connectivity of natural and semi natural habitats; ecological network in the Carpathians; enhancing conservation and sustainable management inside and outside the protected areas

Protocol on Conservation and Sustainable Use of Biological and Landscape Diversity (Biodiversity Protocol)



"Parties shall harmonise and coordinate their efforts and cooperate on (...) conservation of endangered or endemic species and large carnivores" (Art.1)

Conference on Large Carnivores` Protection in the Carpathians

Rožnov pod Radhoštěm, Czech Republic,
18 – 21 October 2016

Federal Agency for Nature Conservation

Umwelt Bundesamt

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

Nature Conservation Agency of the Czech Republic

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Results of Conference on Large Carnivores` Protection in the Carpathians

Declaration on the Management and Protection of Large Carnivores in the Carpathians

MoC between the Secretariat of the Carpathian Convention and the International Council for Game and Wildlife Conservation

<u>International Action Plan for the Conservation and Sustainable Management for the Carpathian populations of Large Carnivores</u>

BfN Federal Agency for Nature Conservation

Umwelt Bundesamt

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

NATURE CONSERVATION AGENCY OF THE CZECH REPUBLIC

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The Fifth Meeting of the Conference of the Parties
(COP5)
Lillafüred, Hungary 2017

Gave the mandate to the Carpathian Convention Working Group on Biodiversity to prioritize its work on the large carnivores topic

Initiated the development of the Carpathian Large Carnivores Action Plan

During the 5th Forum Carpaticum - *Workshop "Towards the standardization of monitoring procedures for large carnivore's populations in the Carpathian"*

First steps in achieving the Carpathian Large Carnivores Action Plan:

→ elaboration of a report presenting the population status of large carnivores and monitoring methods in every Carpathian country

→ standardizing monitoring methods

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BfN Federal Agency for Nature Conservation

Umwelt Bundesamt

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

Federal Agency for Nature Conservation

Umwelt Bundesamt

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

9th Meeting of the Carpathian Convention Working Group on Biodiversity

30 – 31 May 2019, Ostrava, Czech Republic

- **Further elaboration of the Large Carnivores Action Plan**
- Presentation of the report on population status and monitoring methods in every Carpathian country
- Discussion on harmonization of monitoring methods

Ministry of the Environment of the Czech Republic

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United Nations Environment Programme

Thank you for your attention!