



Goals and actions of the BLRP

- Survey and monitoring
 - Survey of lynx and prey distribution by means of field trips and interview techniques
- Baseline information (gaining ecological and biological knowledge)
 - Camera-trapping study in selected regions
 - Extensive (opportunistic) session
 - Intensive (systematic) session

Snow tracking

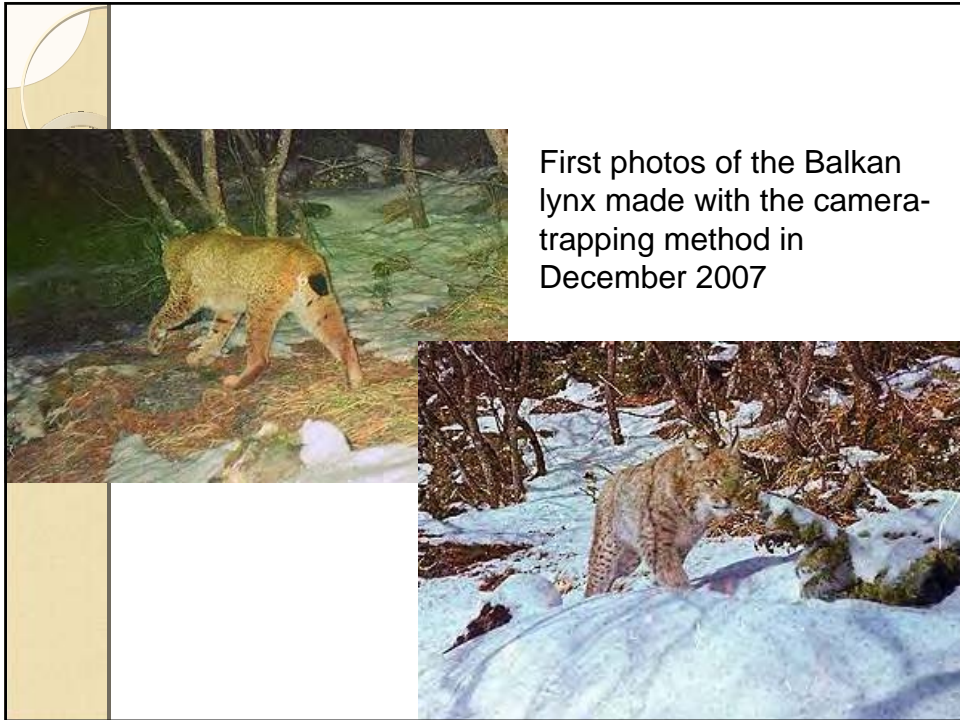
- Lynx tracks were found on 4 localities in Mavrovo NP
- Lynx and other animals scats are registered
- Other signs: hairs, dead animals, dens etc.



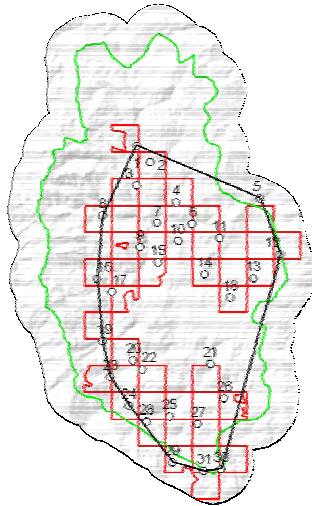
Extensive session

- Testing the first model of the “photo traps”
- Good locations
- 4 photo traps were set
- From October 2007 until January 2008
- Good occasions in the future





Intensive camera-trapping session in Mavrovo NP



32 locations
Surface 432 km²
Time frame 60 days

Dynamics

- 32 preselected grid cells (area of 432 km²)
- Two opposing cameras (motion detector triggered Stealthcam) were set
- Good locations (game-trails, hiking paths, forest roads)
- The session run over 60 nights (26th of February – 26th of April)
- Cameras were controlled every 8 days



Individuals' identification



Village of Bibaj



Village of Vrbjani

Individuals' identification



Village of Bibaj



Village of Belichica

Results

- 29 lynx pictures (10 right and 16 left flanks, 3 unclear) at 9 camera-trapping sites
- Seven times both flanks of a lynx individual were taken simultaneously
- First analysis showed that 7-10 individuals can be distinguished
- 13 brown bear, 7 wolf, 10 red fox, 6 wildcat, 12 badger, 47 wild boar, 28 chamois, 36 roe deer and 30 brown hare photos were pictured





Data interpretation

- Estimation of the minimum number of individuals in the study area
- To confirm the presence of other species (hard facts)
- Presence of prey species
- Anecdotal information about dispersal
- Anecdotal information about spatial use

Data interpretation

- Estimation of abundance and density by means of capture-recapture analyses
- If conducted over several years it gives an excellent indication of the population trend, enables to estimate survival rates, and rate of population change
- Information on reproduction

Next steps

- Conducting camera-trapping session in Galichica NP (Nov.-Dec. 2008)
 - In coordination with the NP staff
 - Hunter society from Ohrid
- Conducting camera-trapping session in potential lynx areas in Albania (winter 2009)