Evolution of the presence of the golden jackal in Slovakia





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Evolution of the presence of the golden jackal in Slovakia



- 1. Review the distribution range
- 2. All records of the golden jackal from 2016 up to 2021
- 3. Potential conflicts
- 4. Recomendations





Status of the golden Jackal in Slovakia



Conservation

- > 1995 Jedlička, categorized the presence of the species as rare
- ➤ 1997 Stollmann et al. and in 2001 Žiak & Urban, considered the data available as insufficient for the categorization of the status of the species





Legal Status

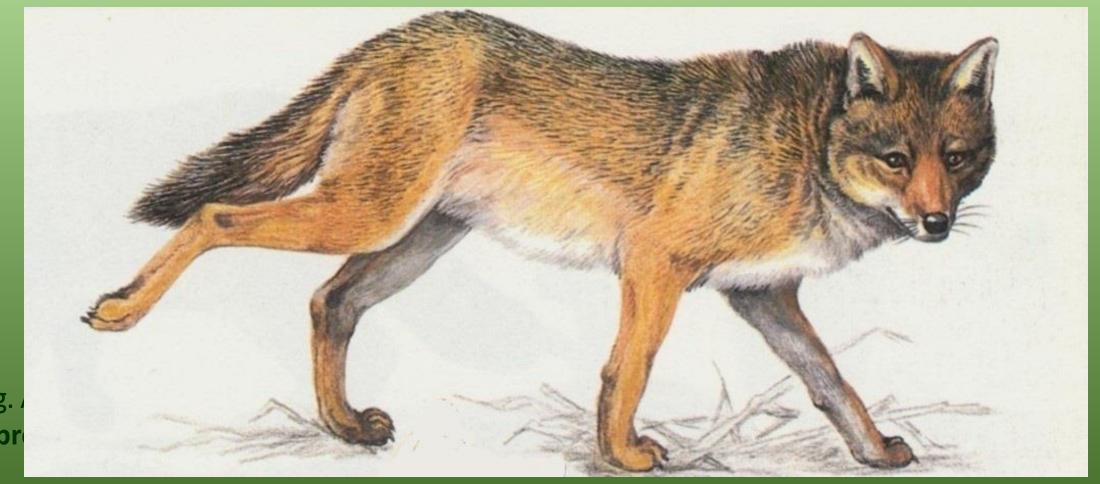
- ➤ 1999 the Ministry of Environment of the Slovak Republic Decree Coll. No. 93/1999 implemented a year-round protection for the species
- ➤ 2009 The Slovak Hunting law act no.274/2009 classify golden jackal within the group of game species (hunting allowance September to January)
- ➤ **2014** Amendment in Hunting law act. no.489/2013 (hunting allowance period expanded: **August to February**)

Introduction



Golden jackal

Zlatý šakal - Šakal obyčajný – Trstinový vlk



lng. pı

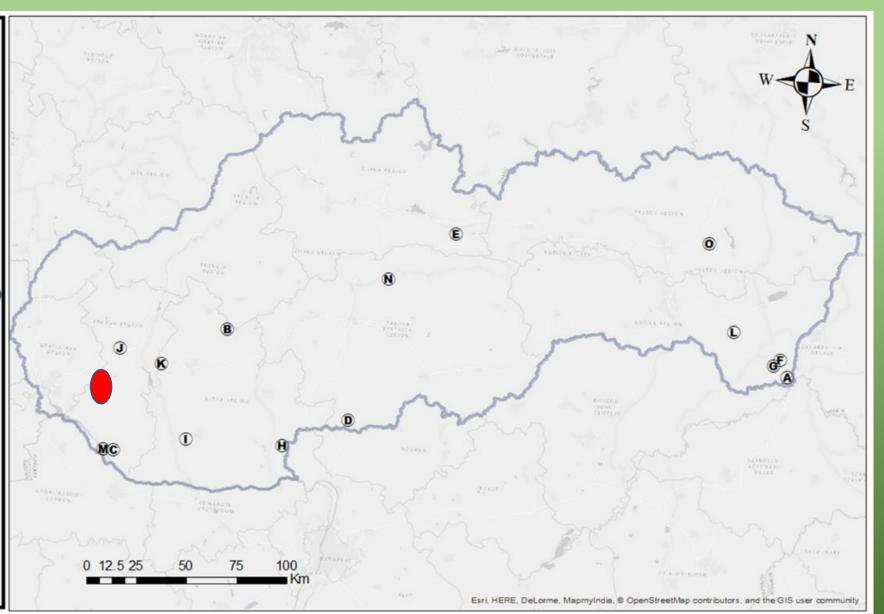
1st official evidences in Slovakia – 1947-2008





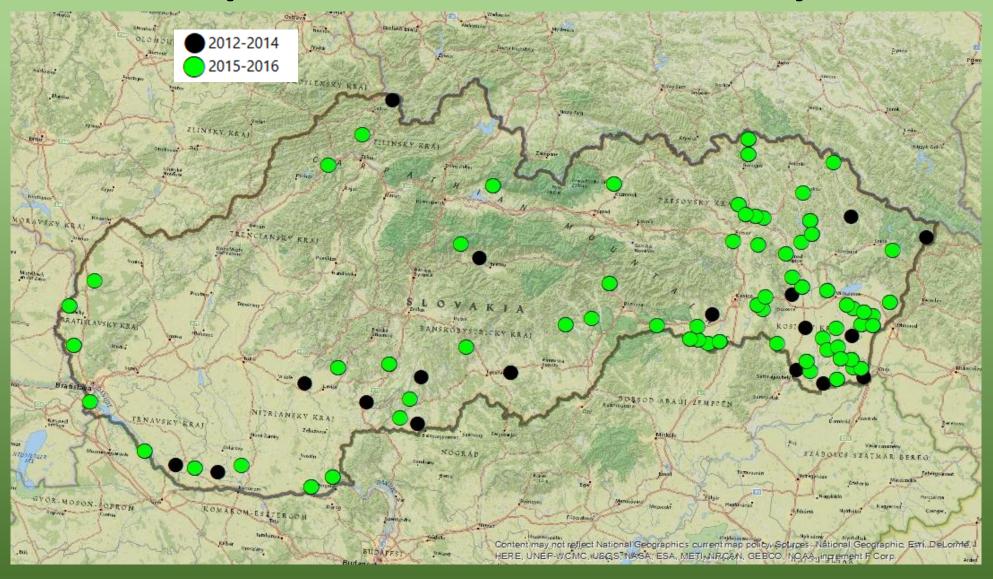
Year

- **A** 1989 (1S)
- **B** 1995 (1S)
- © 1996 (1S)
- **D** 1997 (1S)
- **E** 1999 (2S)
- **E** 2000 (1S)
- © 2001 (1S,10)
- **H** 2002 (1FD)
- ① 2006 (1FD)
- **J** 2006 (1FD)
- **®** 2007 (20)
- £ 2007 (20)
- **M** 2007 (10)
- **N** 2008 (10)
- **0** 2008 (1S)

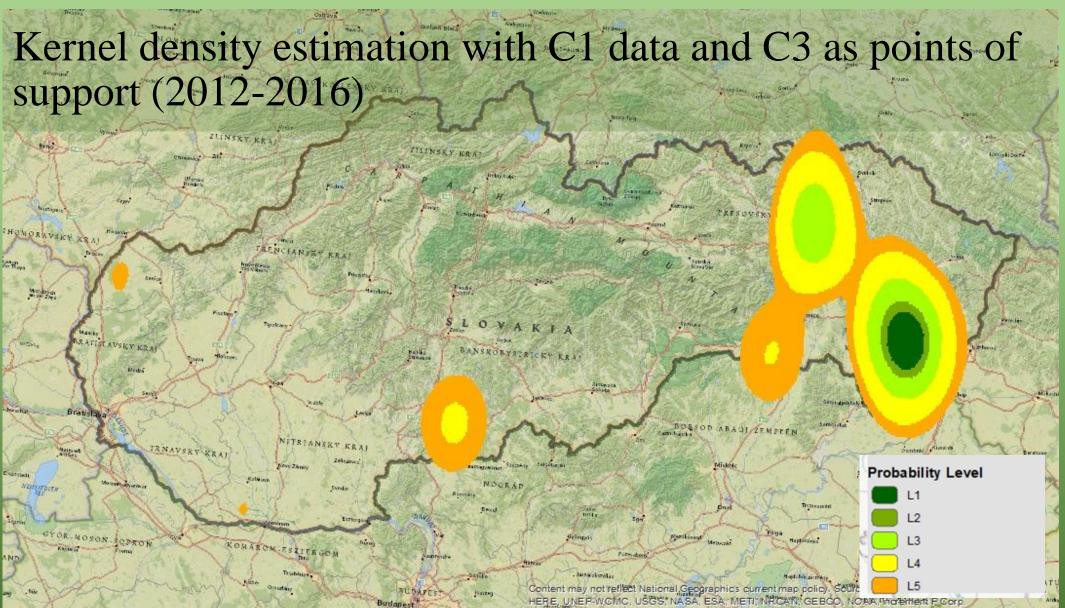


C3 Data 2012-2016 (Observations NLC+SOP)



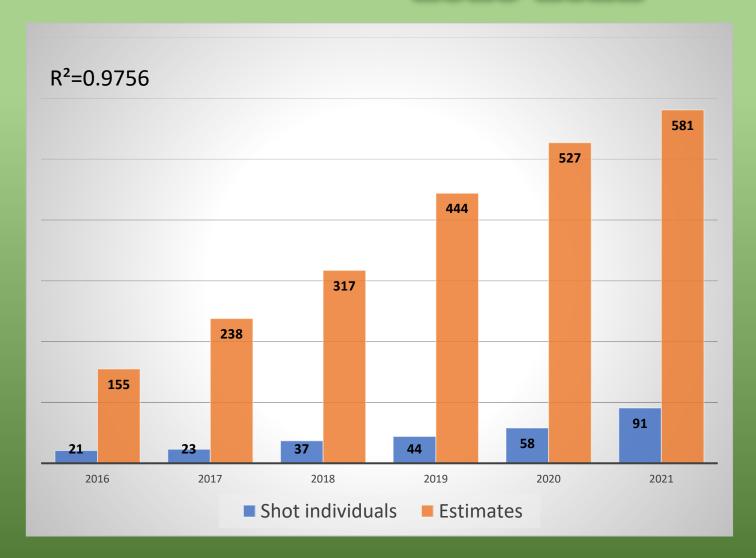






Golden jackal Estimates and hunting data 2016-2021

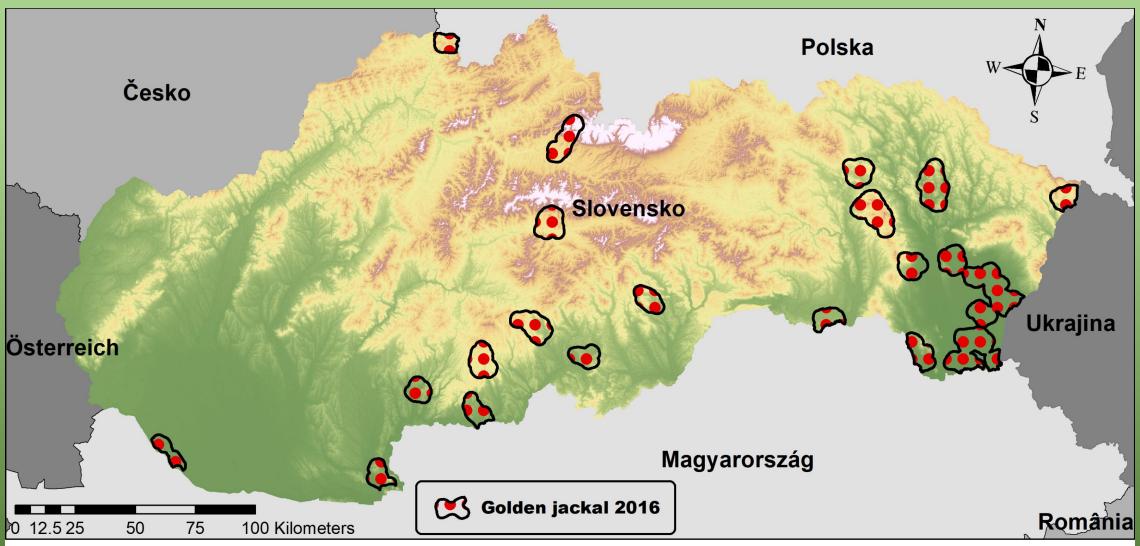






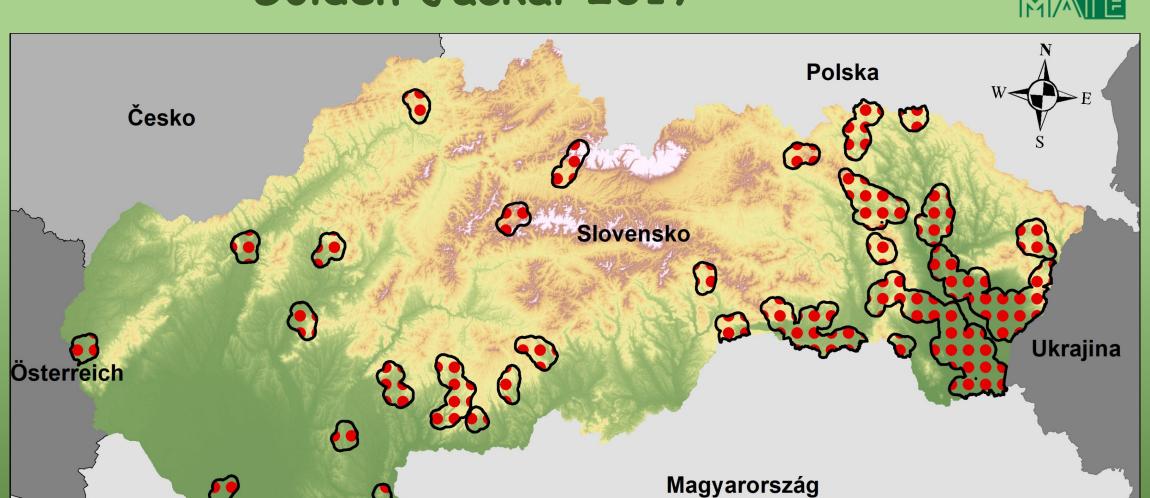








România



Golden jackal 2017

100 Kilometers

0 12.5 25

50



România



Golden jackal 2018

0 12.5 25

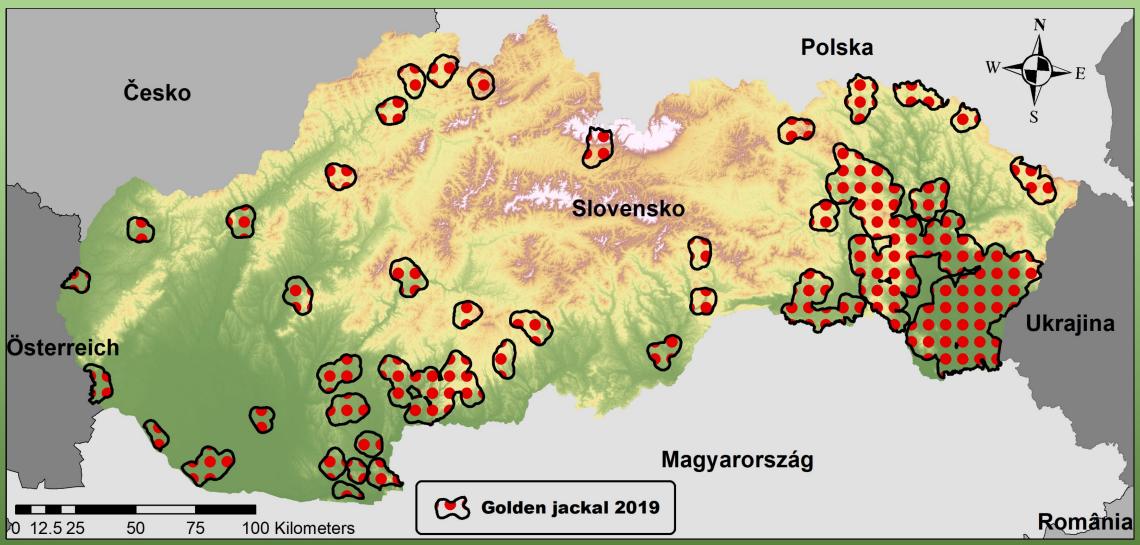
50

100 Kilometers

Magyarország

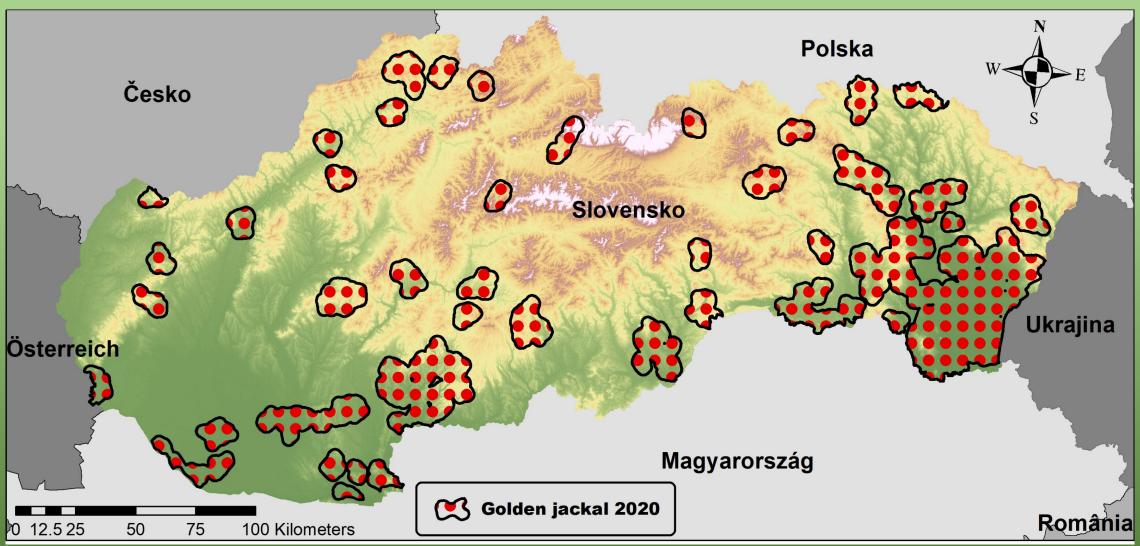






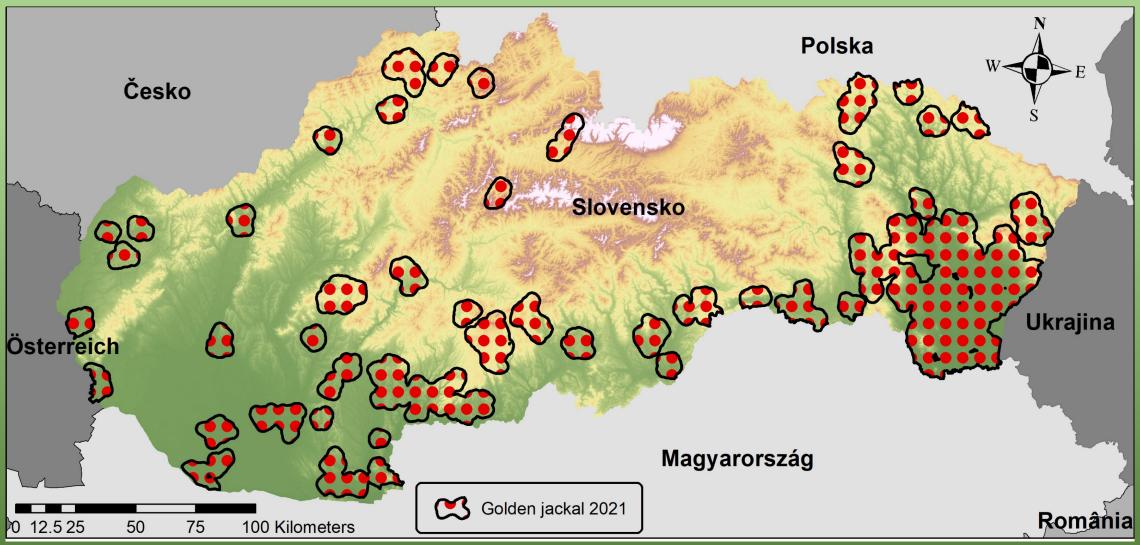






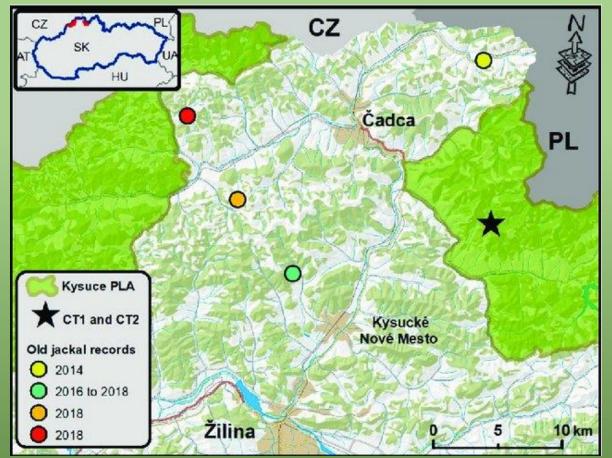






Golden jackal and the 3 Large carnivores





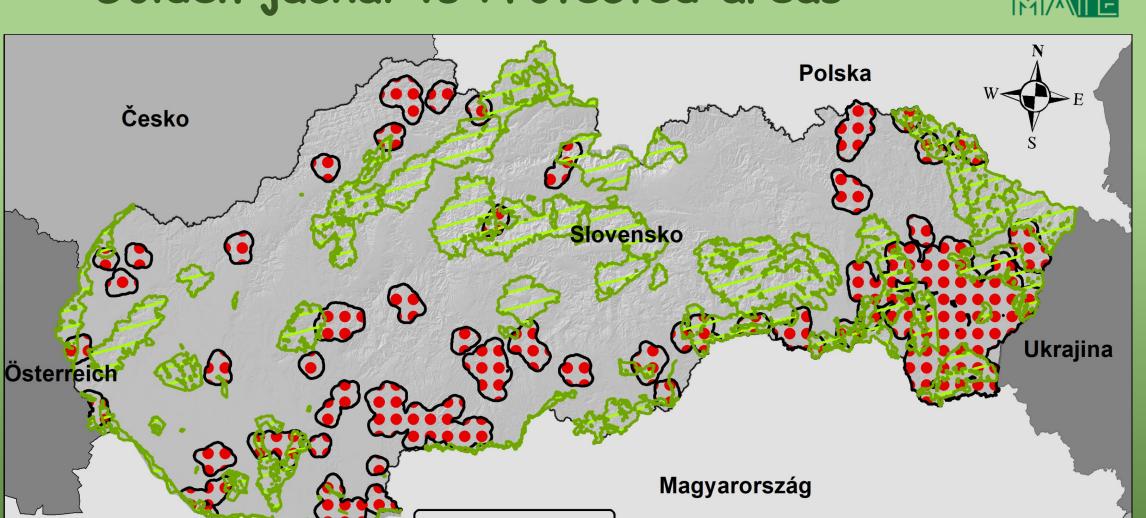
Guimaraes, N., Bučko, J. and Slamka, M., 2021. At the table with the big three carnivores-a sympatric occurrence of the golden jackal with bear, wolf and lynx captured on a camera trap in Slovakia. *European Journal of Ecology*, 7(1).



Golden jackal vs Protected areas



România



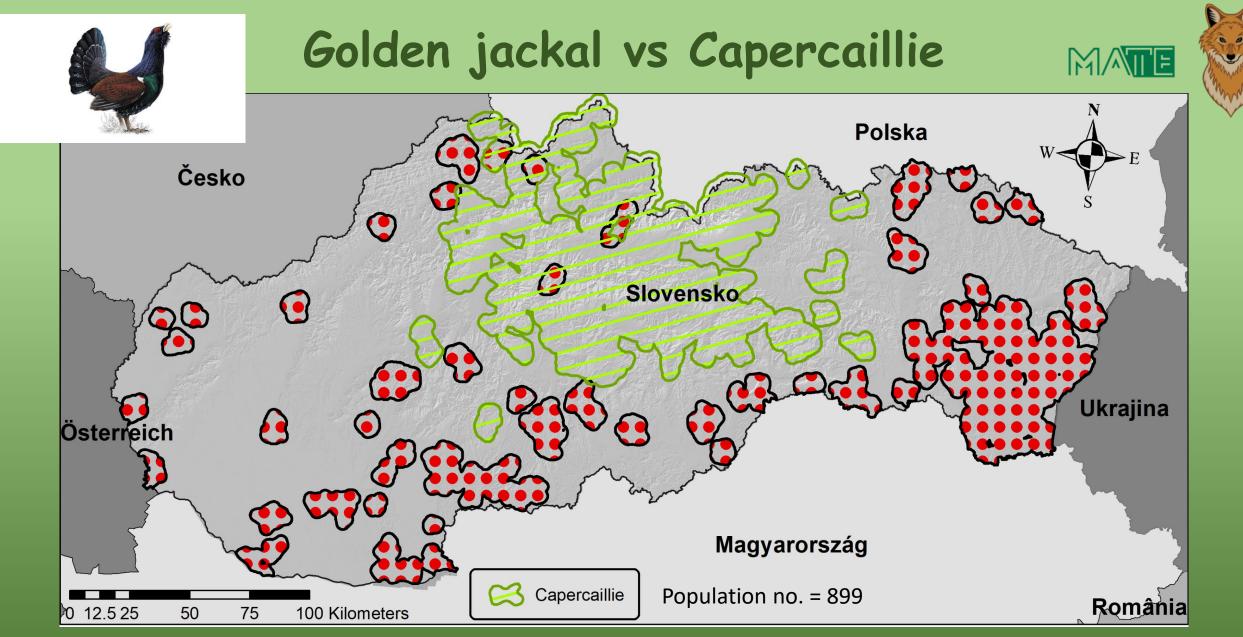
Protected areas

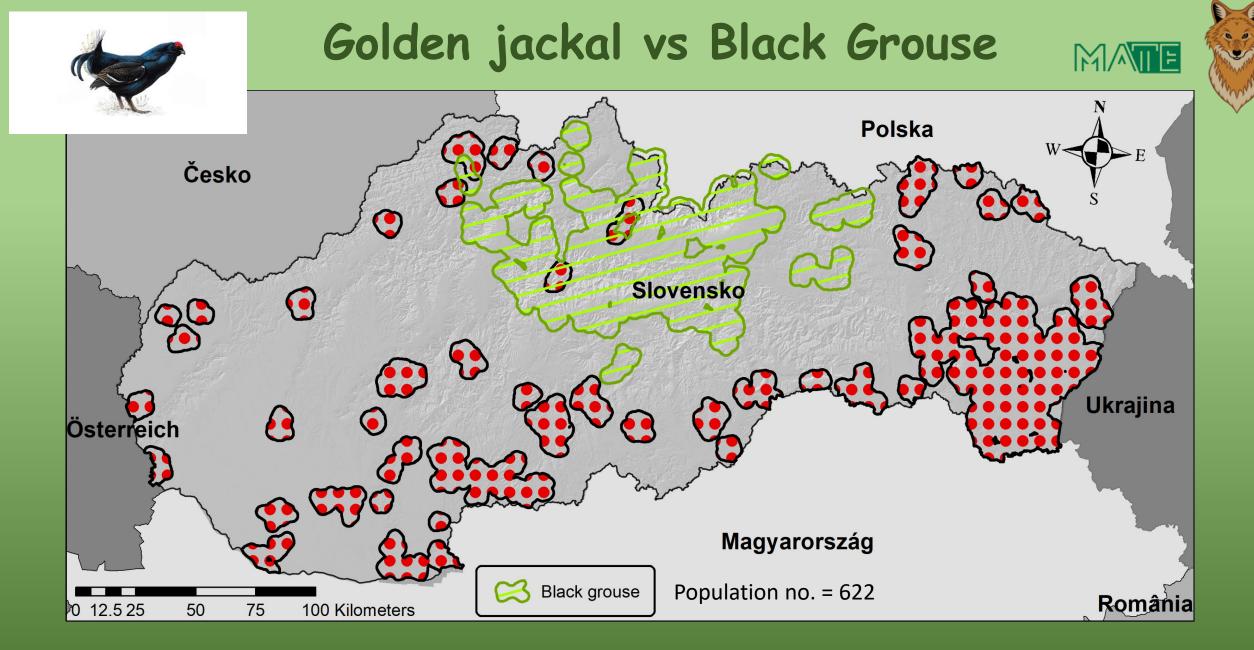
100 Kilometers

75

0 12.5 25



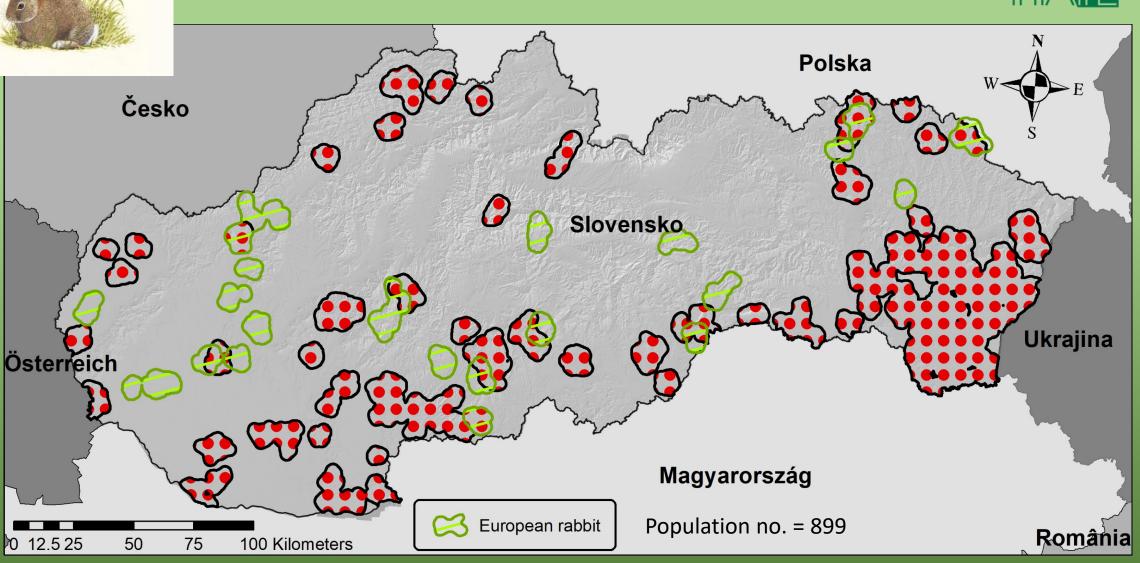




Golden jack

Golden jackal vs European rabbit





Golden jackal vs Golden pheasant Česko

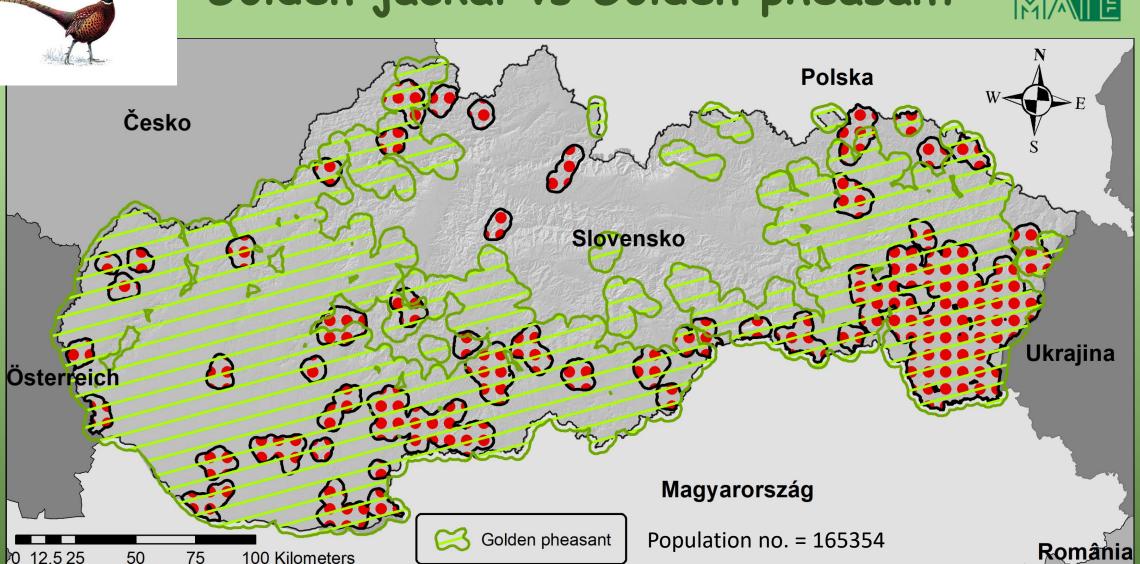
0 12.5 25

50

75

100 Kilometers





Golden Jackal - SWOT ANALYSIS MATTE



Strengths

- High adaptability
- High expansion rates
- Opportunistic behavior
- Generalist species

Weaknesses

- Difficult recognition
- Presence of the wolf

Opportunities

- Climate change
- Habitat availability
- Sanitary effects (ASF)

Threats

- Lack of knowledge of the species
- Risk of conflicts



Conclusion and Future research



- MIND THE GAP: vagrant population vs stable groups;
- HOUDY NEIGHBOUR: where and how dispersion/expansion is occurring (DNA)
- **STOP:** presence of wolf, climate change, habitat availability (competition)
- WHERE ARE YOU?: increase bioacoustics monitoring spots and ground survey (in the snow)
- Implementation of Species action plan/Census: support favorable management









