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Golden Jackal

Driven by climate or food?

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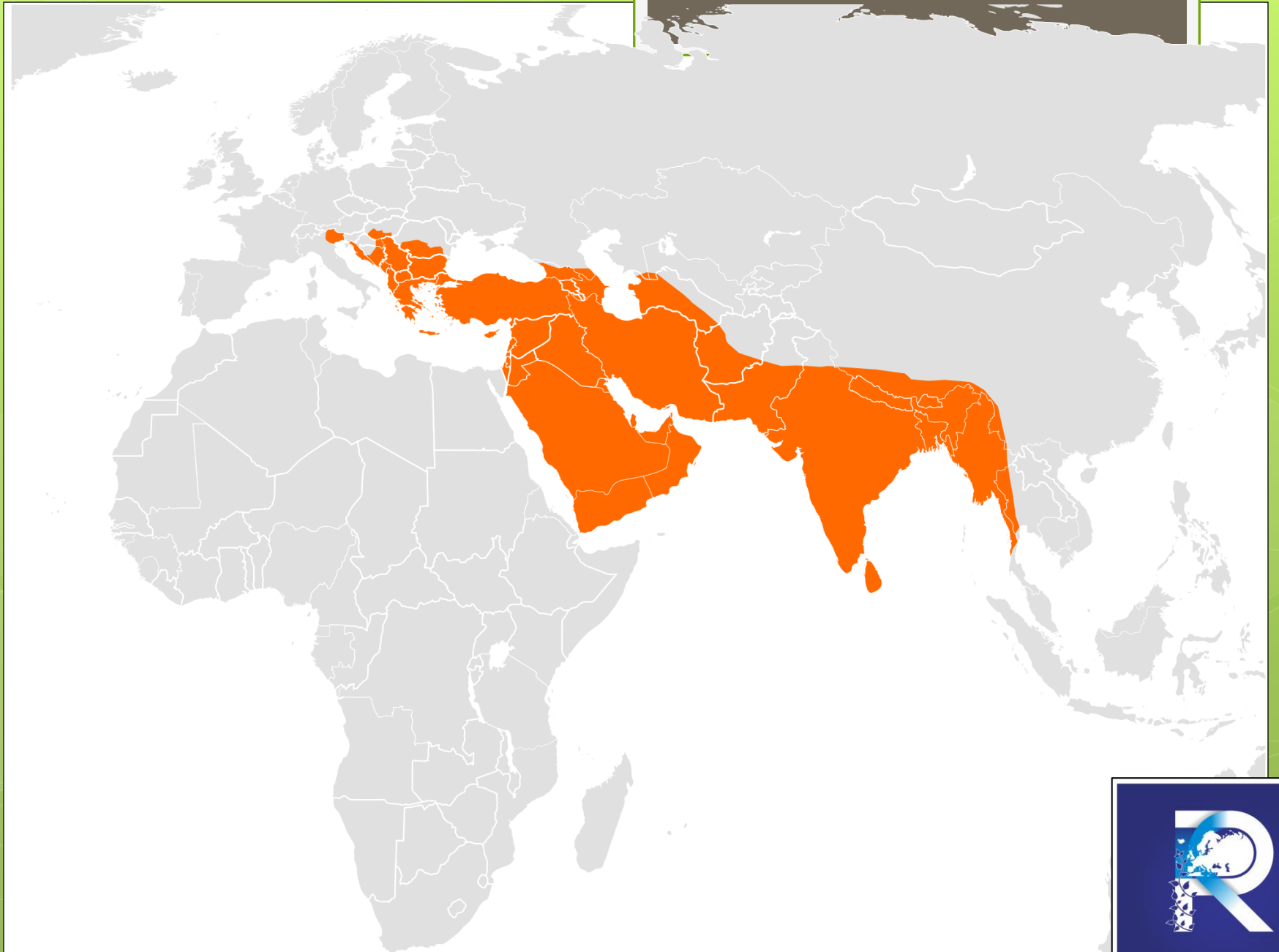
Golden Jackal - Profile

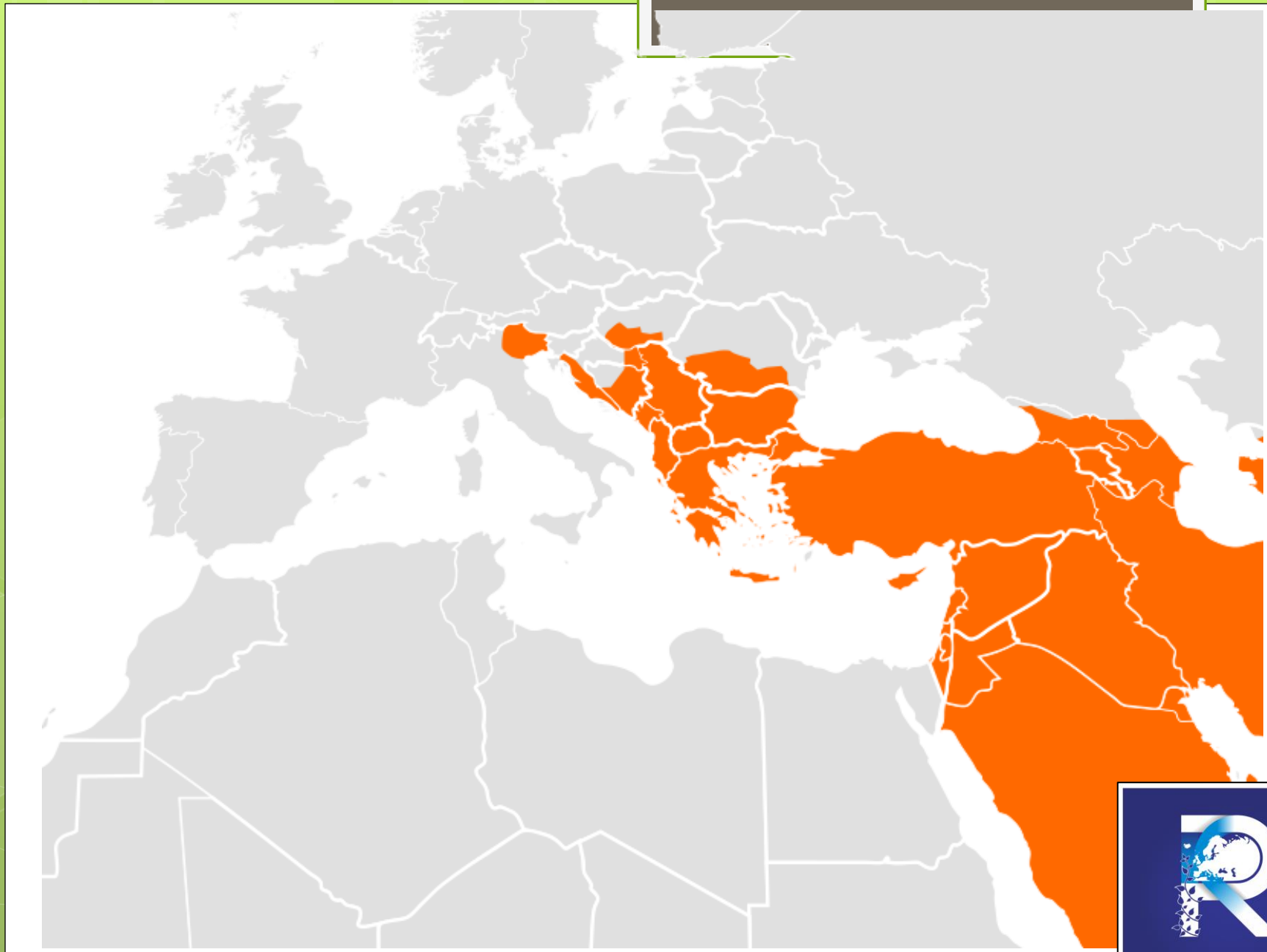
- Scientific name: *Canis aureus*
- Body weight: 7-14 kg
- Body length: 70–85 cm
- IUCN Category: Least concern
- Native: southeastern Europe, Asia Minor, Middle East and South Asia



Golden Jackal - Profile

- Range of the golden jackal

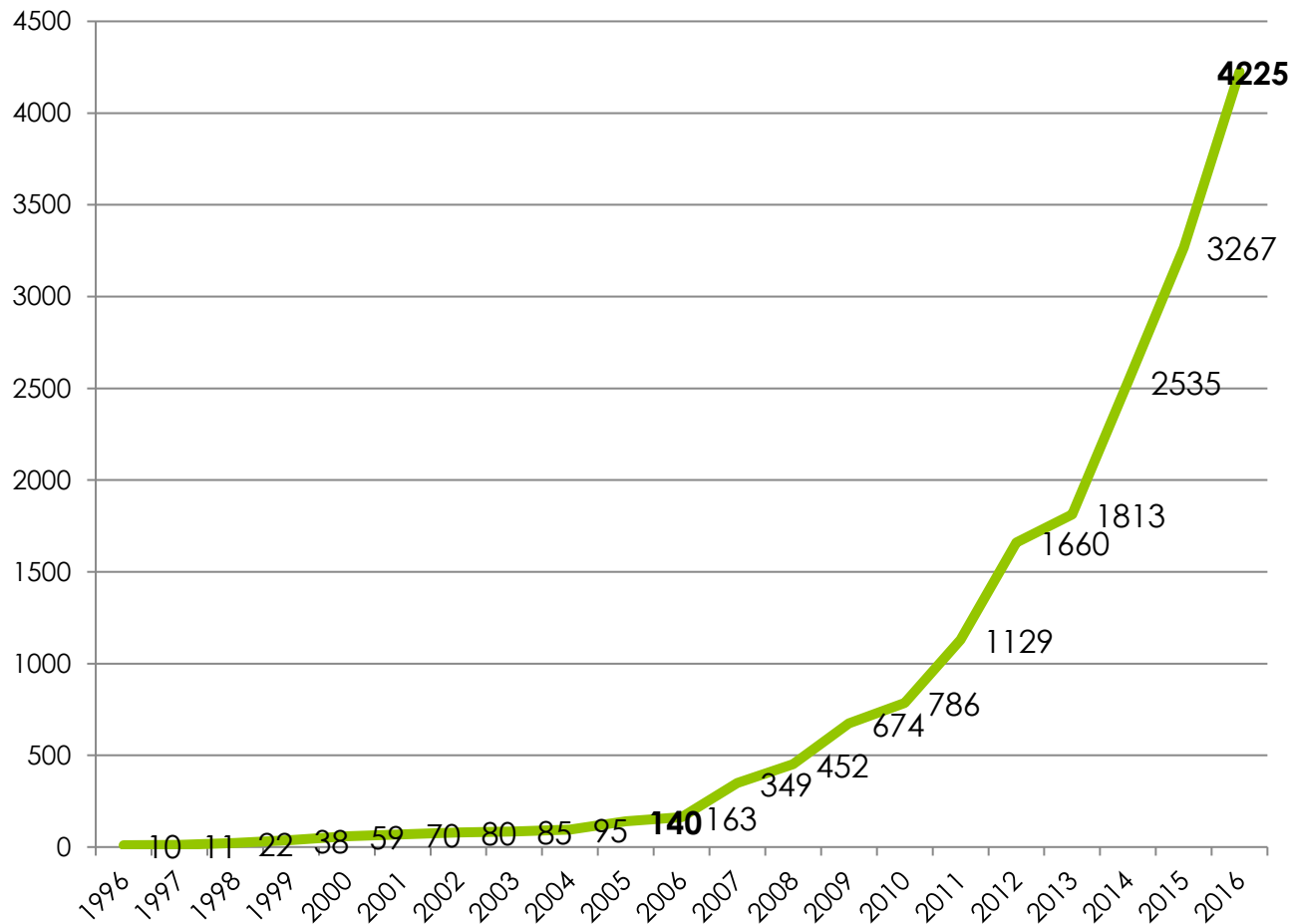




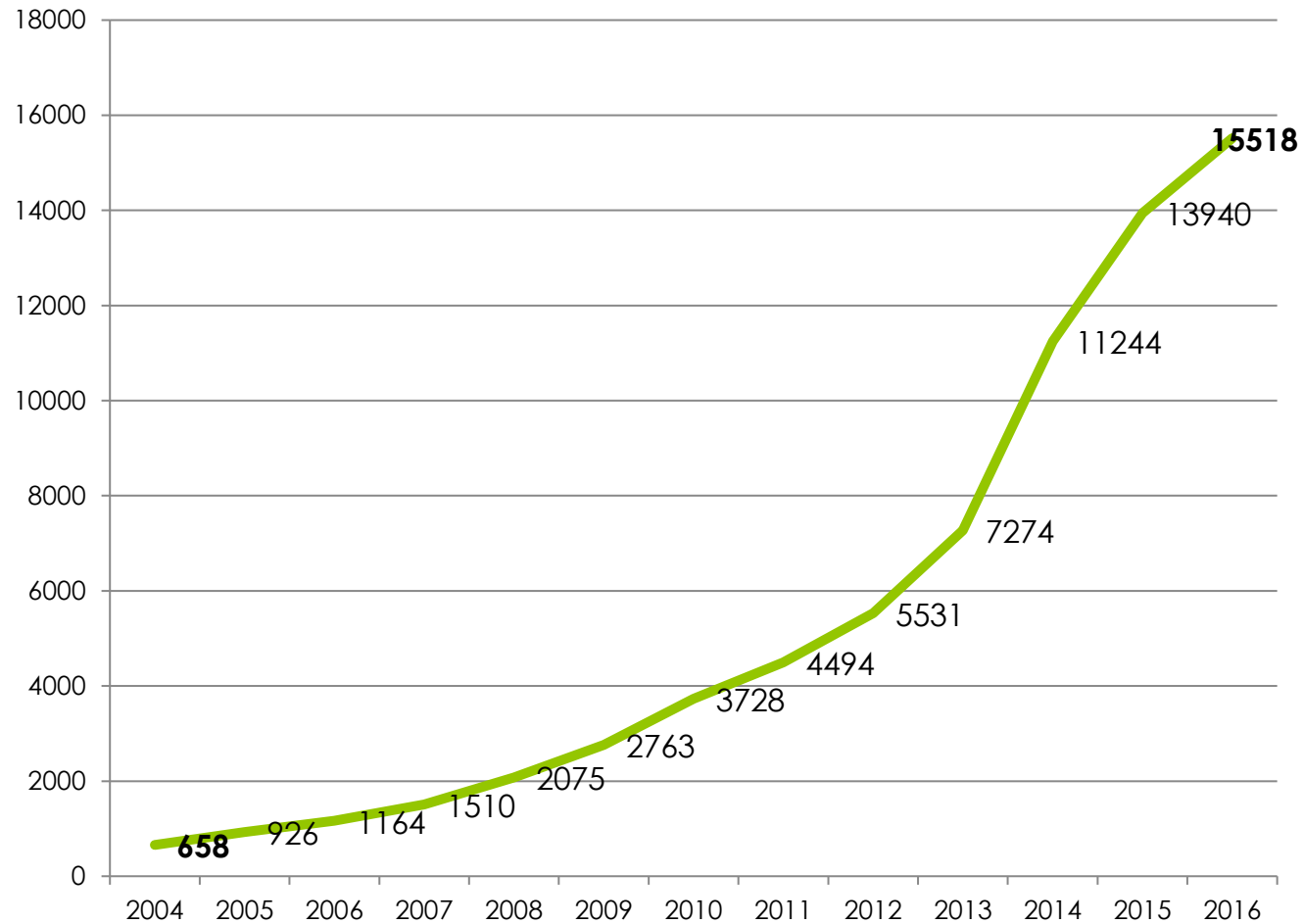
Central and Southeastern Europe

- The golden jackal became extinct in Hungary and the most part of Central and Southeastern Europe by the middle of XX. century
- Appeared again in south Hungary in the '90s
- Southeastern Europe has the largest jackal populations

Hunting bag in Hungary



Population in Hungary



Impact



Impact



Must be climate change

Meanwhile in Israel...

- ...where the golden jackal is native
- Similar experience



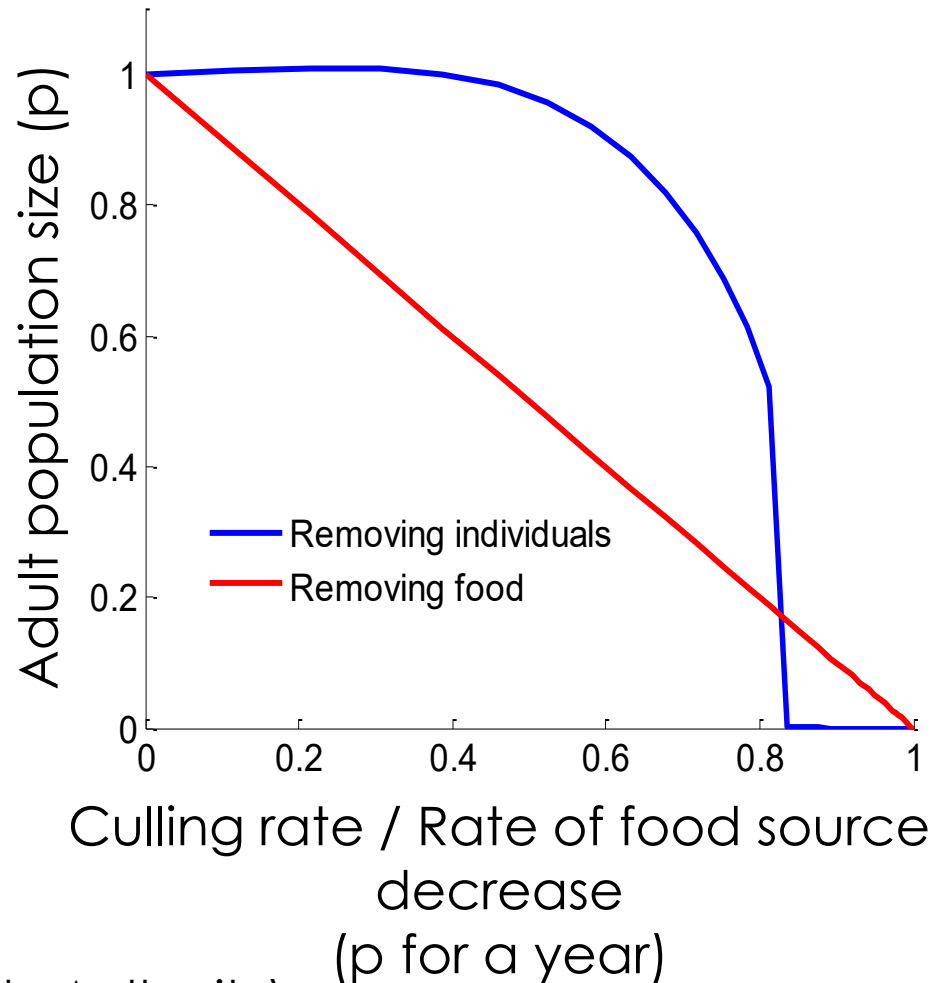
Israeli sanitation project

- Sanitation procedures were applied at two scales:
 - The local scale - removing dead poultry carcasses from the vicinity of henhouses
 - The wide-range scale - disposal of cattle carcasses from rangelands

(Israel Nature and Parks Authority)

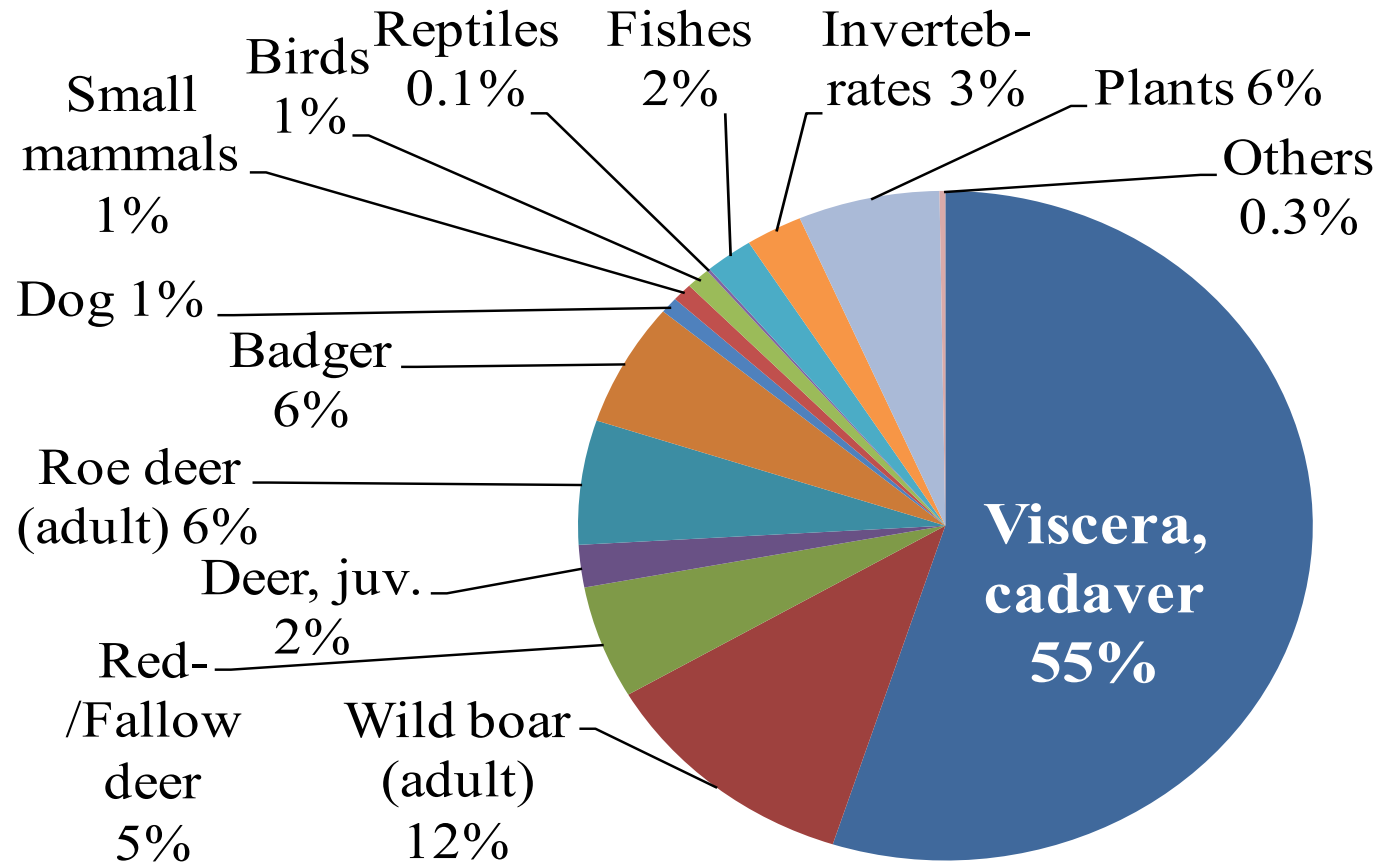


Result



(Israel Nature and Parks Authority)

Hungarian research project



n = 62 stomachs, 100 food items

(University of Gödöllő)

Concluding remarks

- Difficult to identify the borders of this complex context for research activities
- Indirect link with climate change
- Strong direct link between food availability and population development
- Don't feed the jackals!