



# Bergiges Gelände: Wölfe und Nutztiere in Italien.

*Mountainous terrain: wolves and livestock in Italy.*

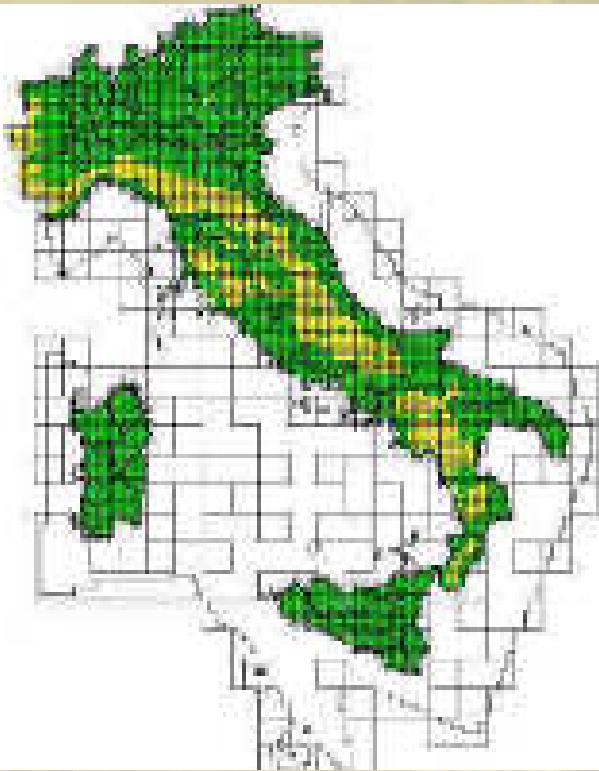


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Innocenti M., Madonna L.  
and Di Nino O.*

**MENSCH, WOLF! INTERNATIONALE WOLFSKONFERENZ  
WOLFSBURG, 25/09/2015**



## Distribution of the wolf in Italy in 2012 transmitted to the European Commission in 2014 by Report on the status and trends of priority species



2000 ?







*In Abruzzo Region the wolf never disappeared.*



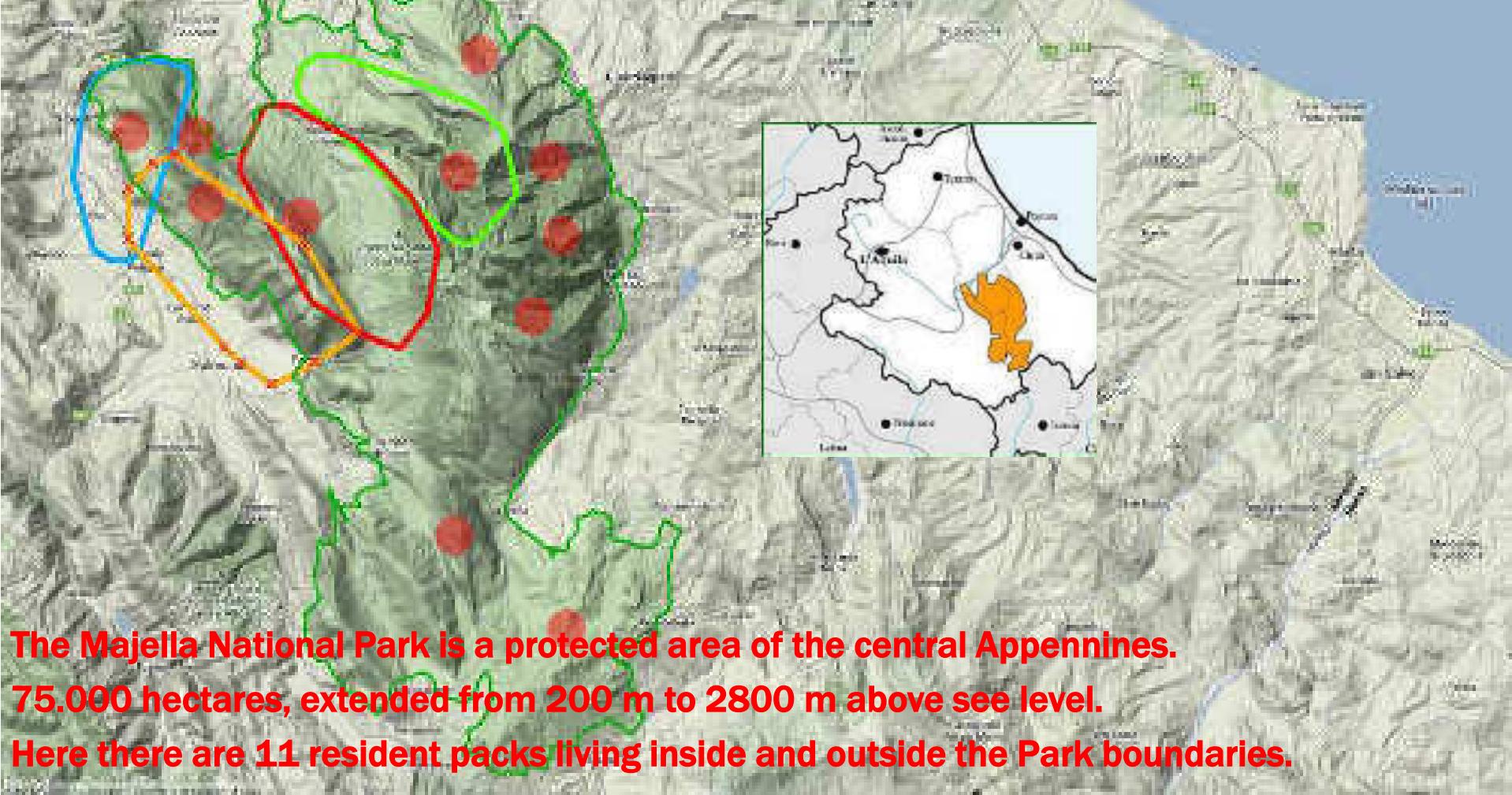
'70s



Noughties



# THE WOLF IN MAJELLA NATIONAL PARK





## STANDARDIZED PROCEDURE OF DAMAGE ASSESSMENT

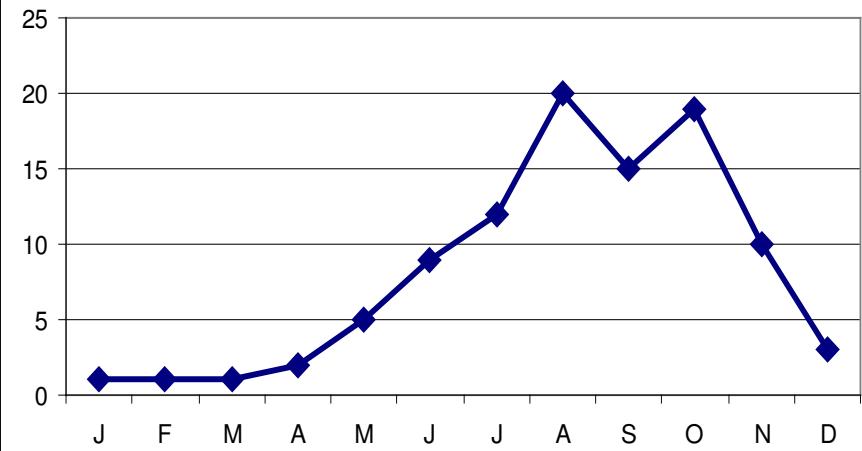
- Cause of death
- Presence and farm assistance
- Rapid and effective compensation
- Limitation degree of discretionary power
- Understanding the context and vulnerability
- Planning prevention measures
- Defining the needs of coexistence



2002 – 2007

525 heads

Monthly distribution of wolf predation on sheep and goats

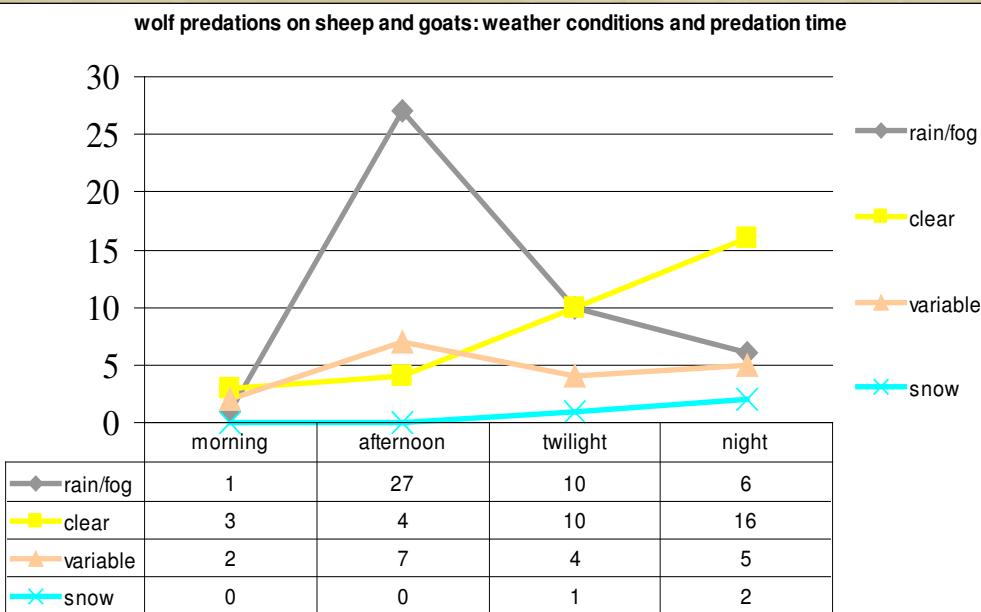


The most affected months

July - October

Weather conditions and times on the day

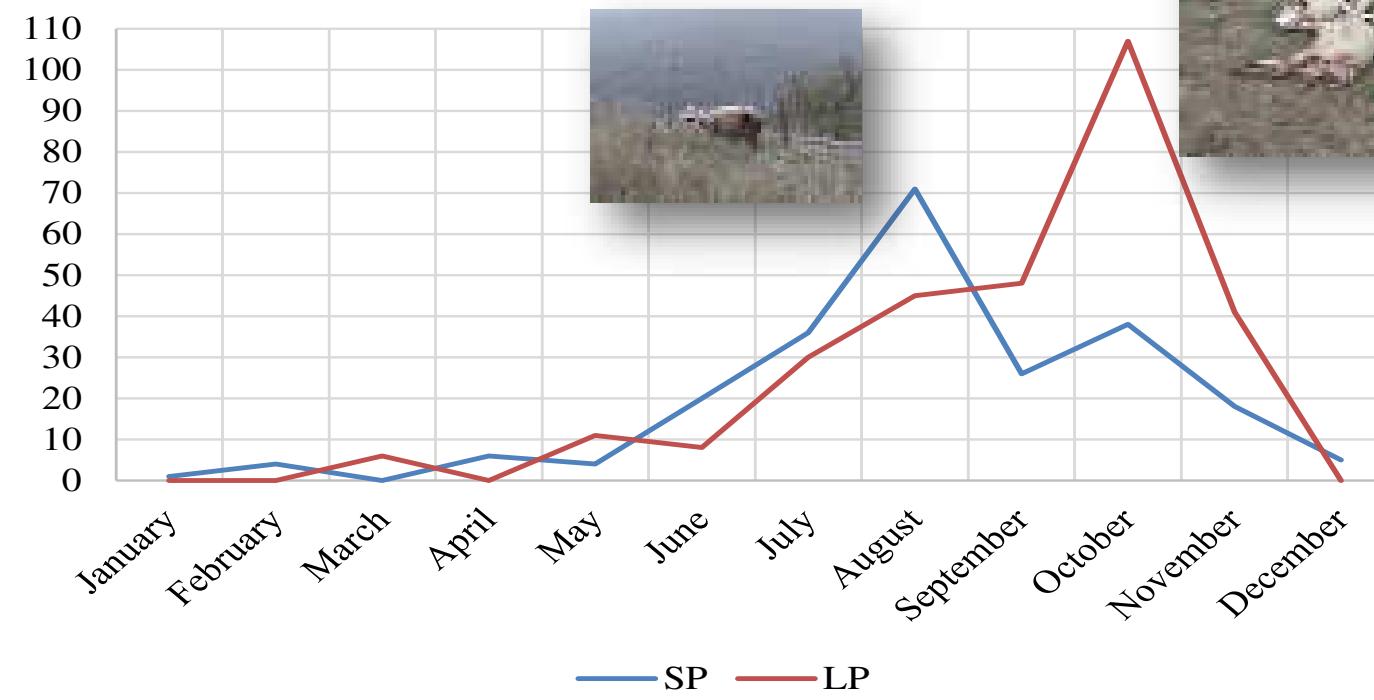
- Rain/fog in the afternoon
- Clear in the night time





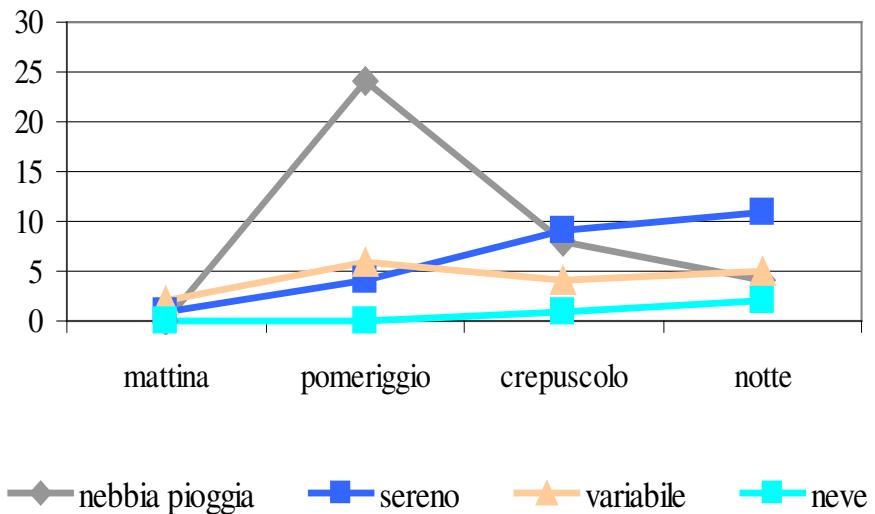
## Small predation and Large predation

Number of preyed sheep

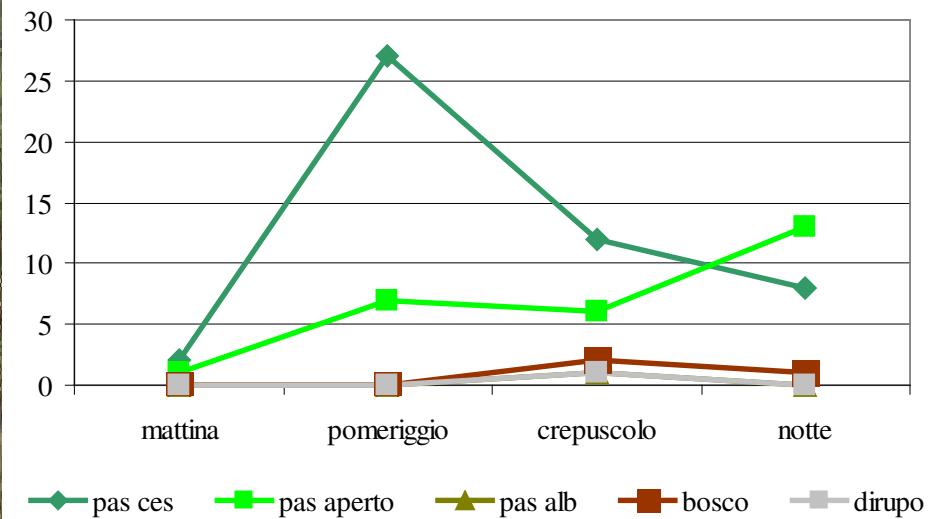


# Favourable approach

## Pred. < 5 heads

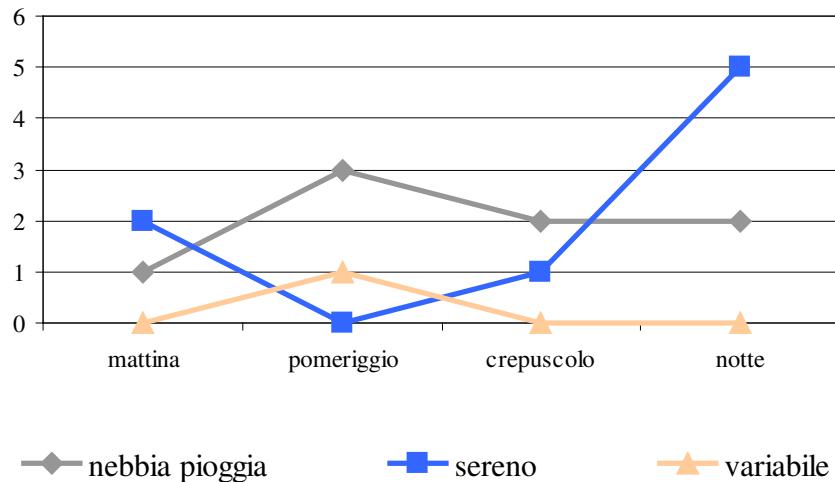


- Rain/fog in the afternoon
- Clear in the night time

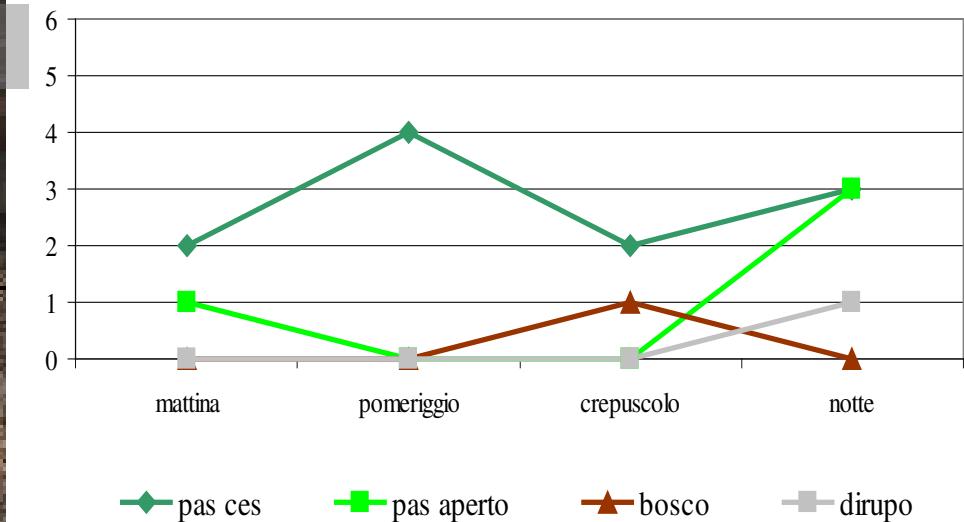


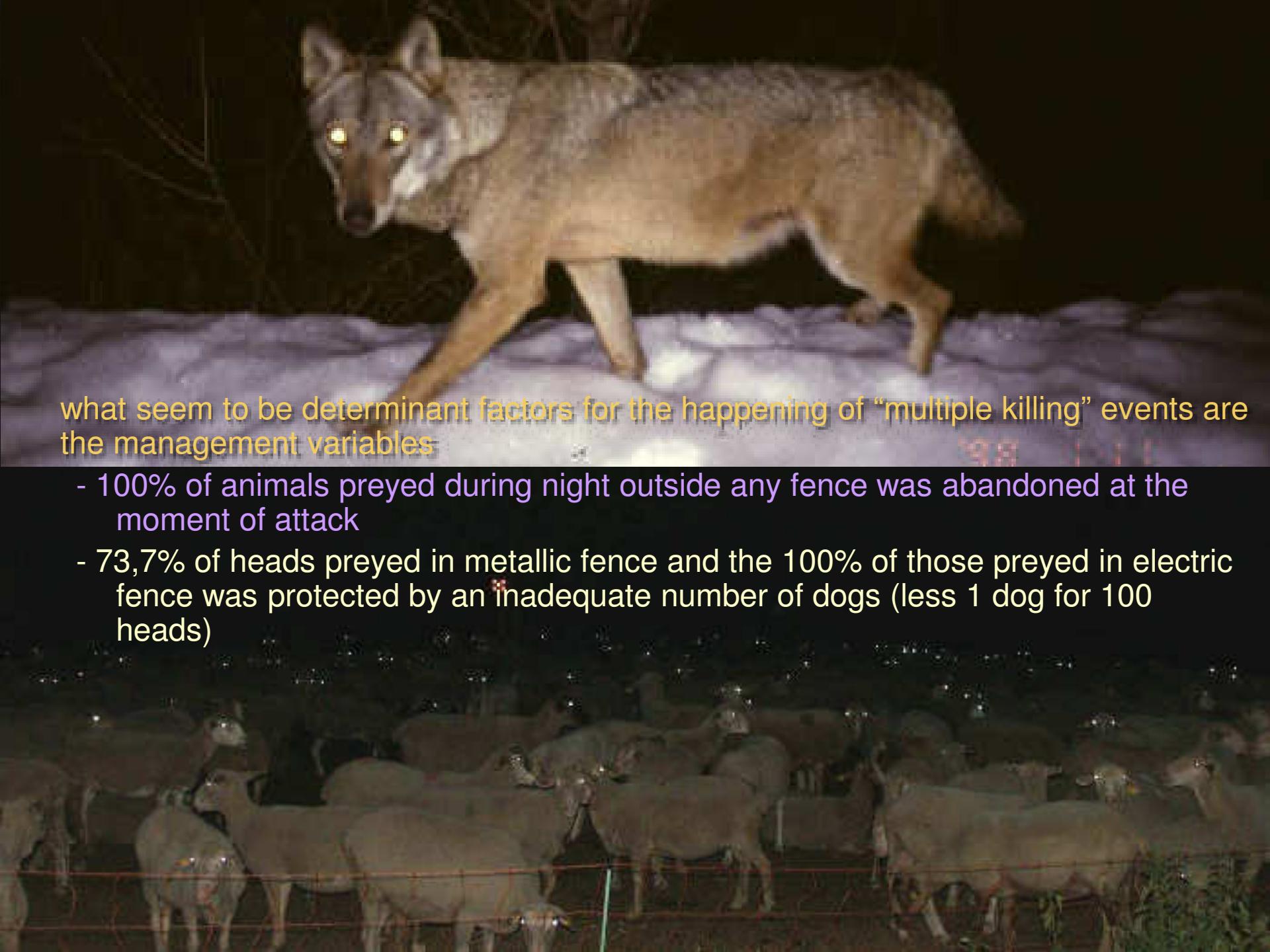
# Favourable approach

## Pred. > 5 heads



Clear in the night time



A photograph of a wolf walking across a snowy landscape at night. The wolf's eyes glow with a bright yellow light, and its fur is a mix of brown and tan. The background is dark, suggesting a forest or field at night.

what seem to be determinant factors for the happening of “multiple killing” events are the management variables

- 100% of animals preyed during night outside any fence was abandoned at the moment of attack
- 73,7% of heads preyed in metallic fence and the 100% of those preyed in electric fence was protected by an inadequate number of dogs (less 1 dog for 100 heads)

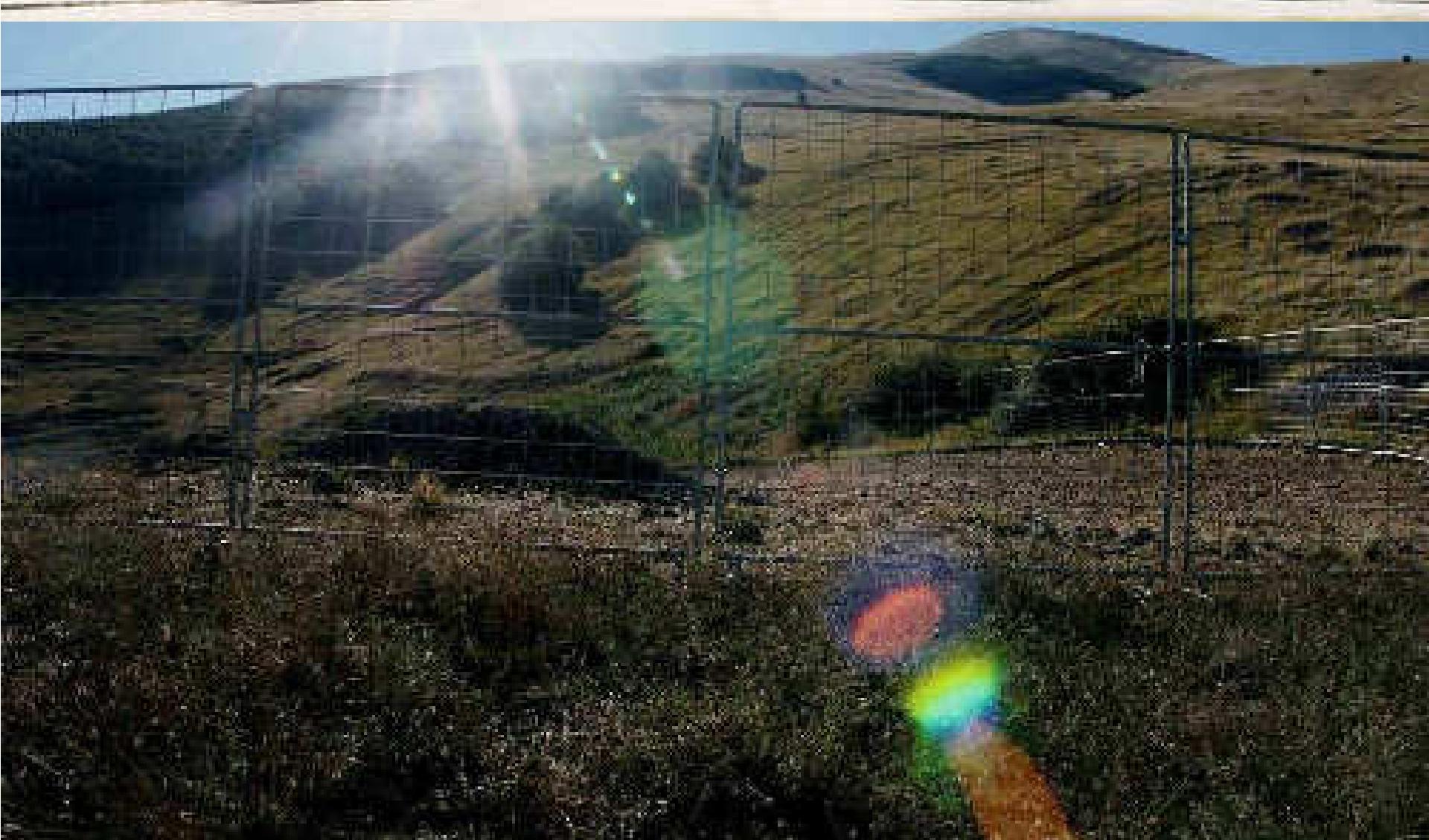


# What kind of prevention?



2012/10/05 07:43:03









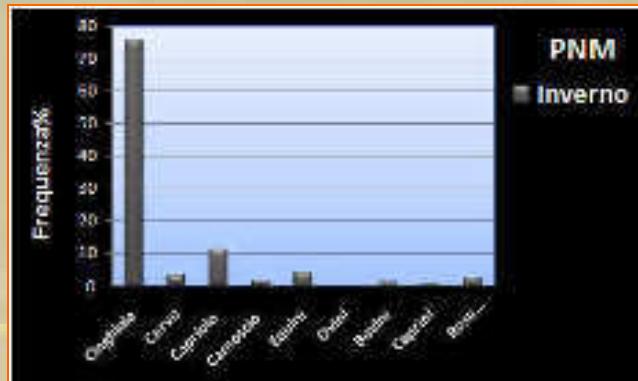
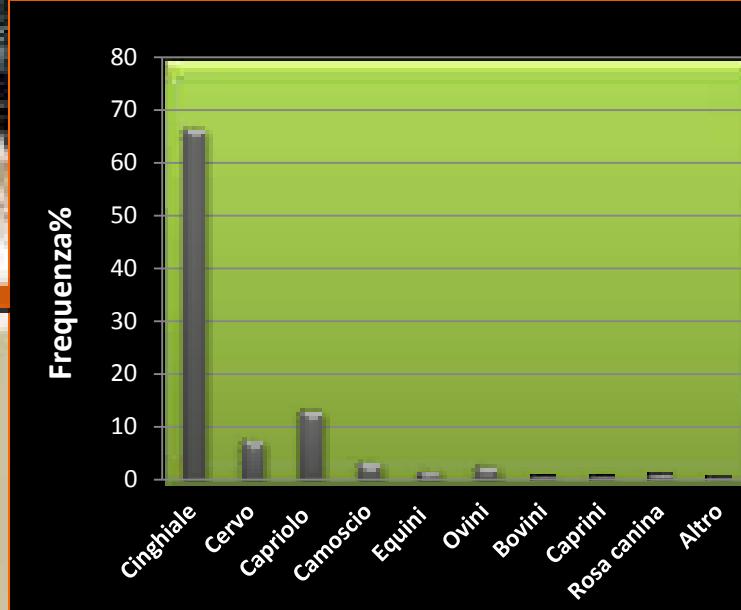
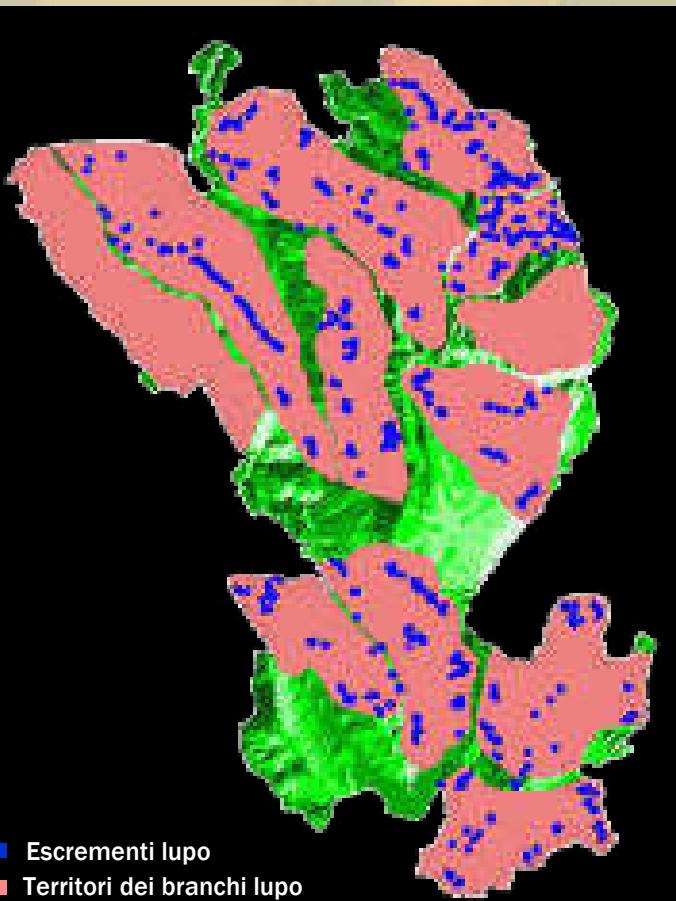


- Grazing domestic animals in MNP
- 6000-7000 sheep/goats,
- 500-700 cattle,
- 400-500 horses
- € 40.000/year economic compensation
- Paltry role of domestic animals in the maintenance of wolf packs

**PNM**

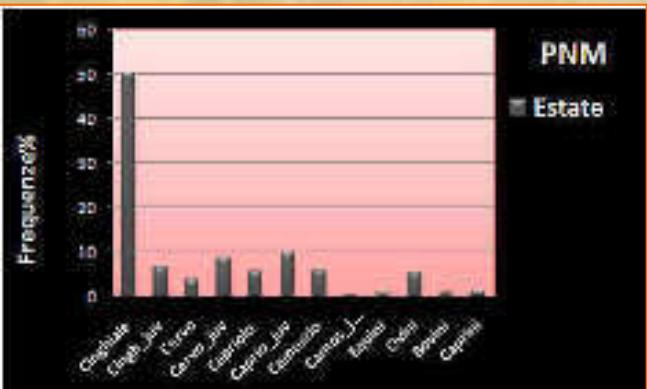
- Scat analyses n. 517
- 3100 km

- Wild boar: 67%
- Roe deer: 13.3%
- Red deer: 9%



250  
➤ Wild boar 76%  
➤ Roe deer 11%  
➤ Red deer 4%

223  
➤ Wild boar 58%  
➤ Roe deer 15%  
➤ Red deer 11%



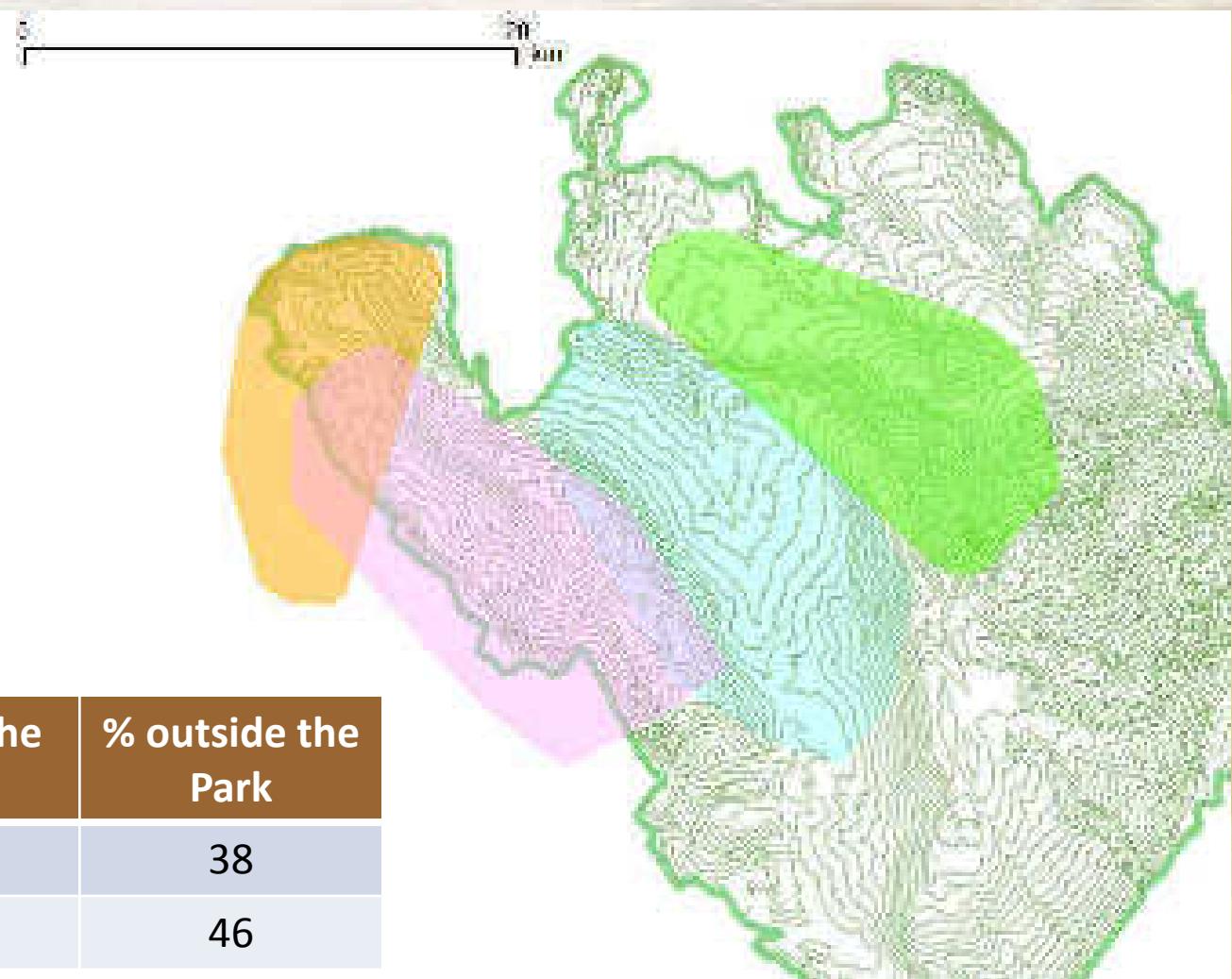


# Captures and GPS Telemetry









Pack

% inside the  
Park

% outside the  
Park

Morrone

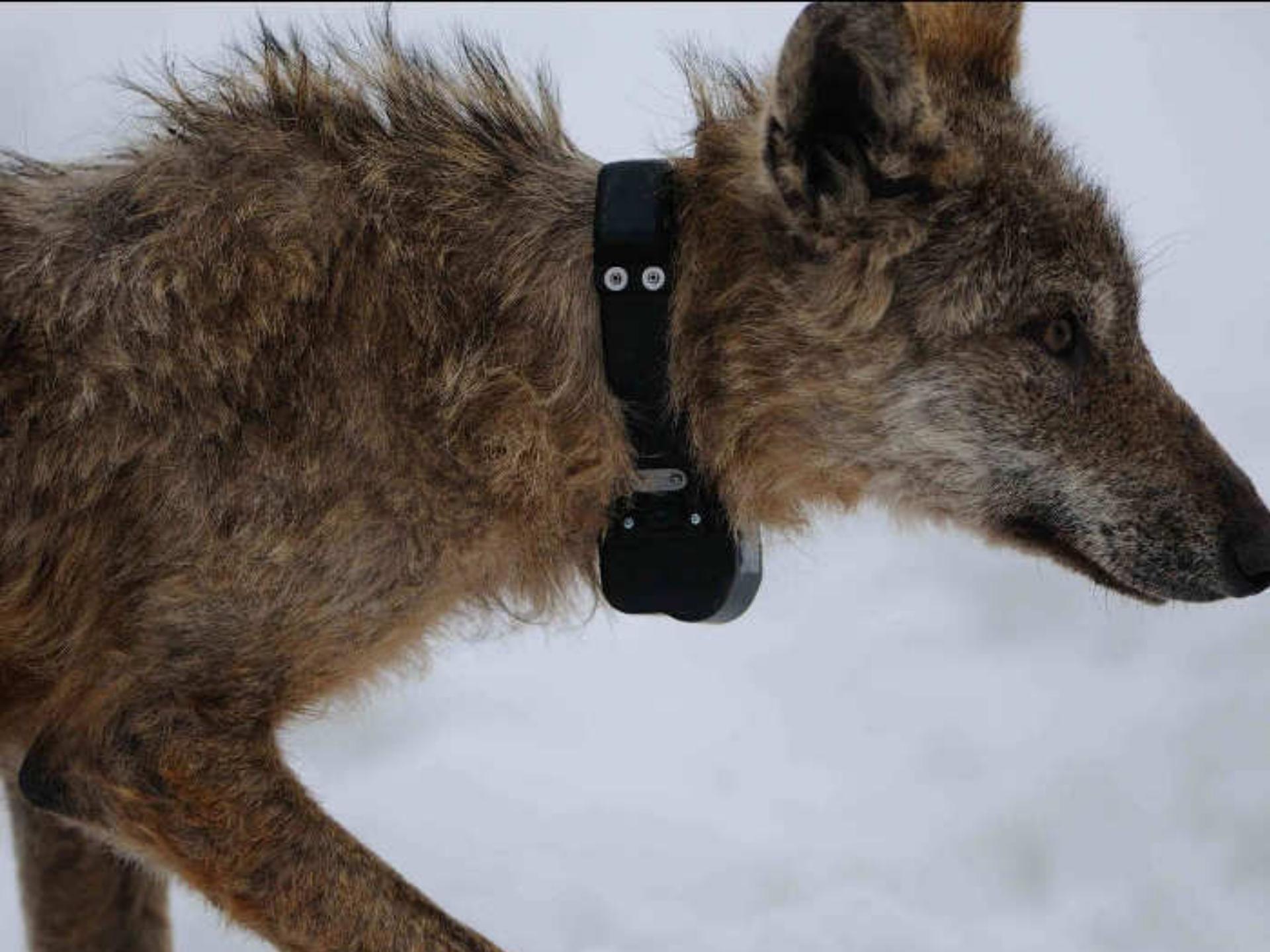
62

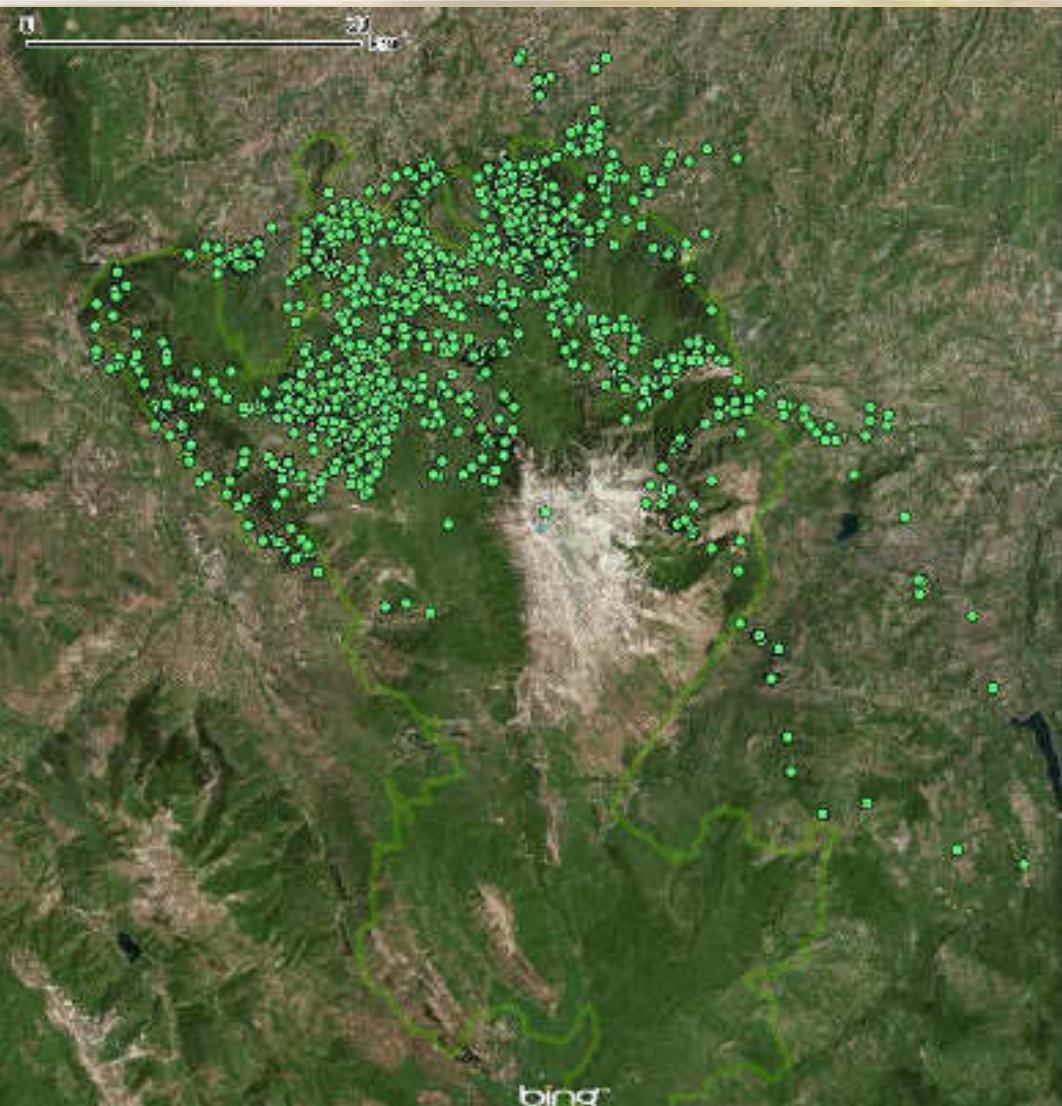
38

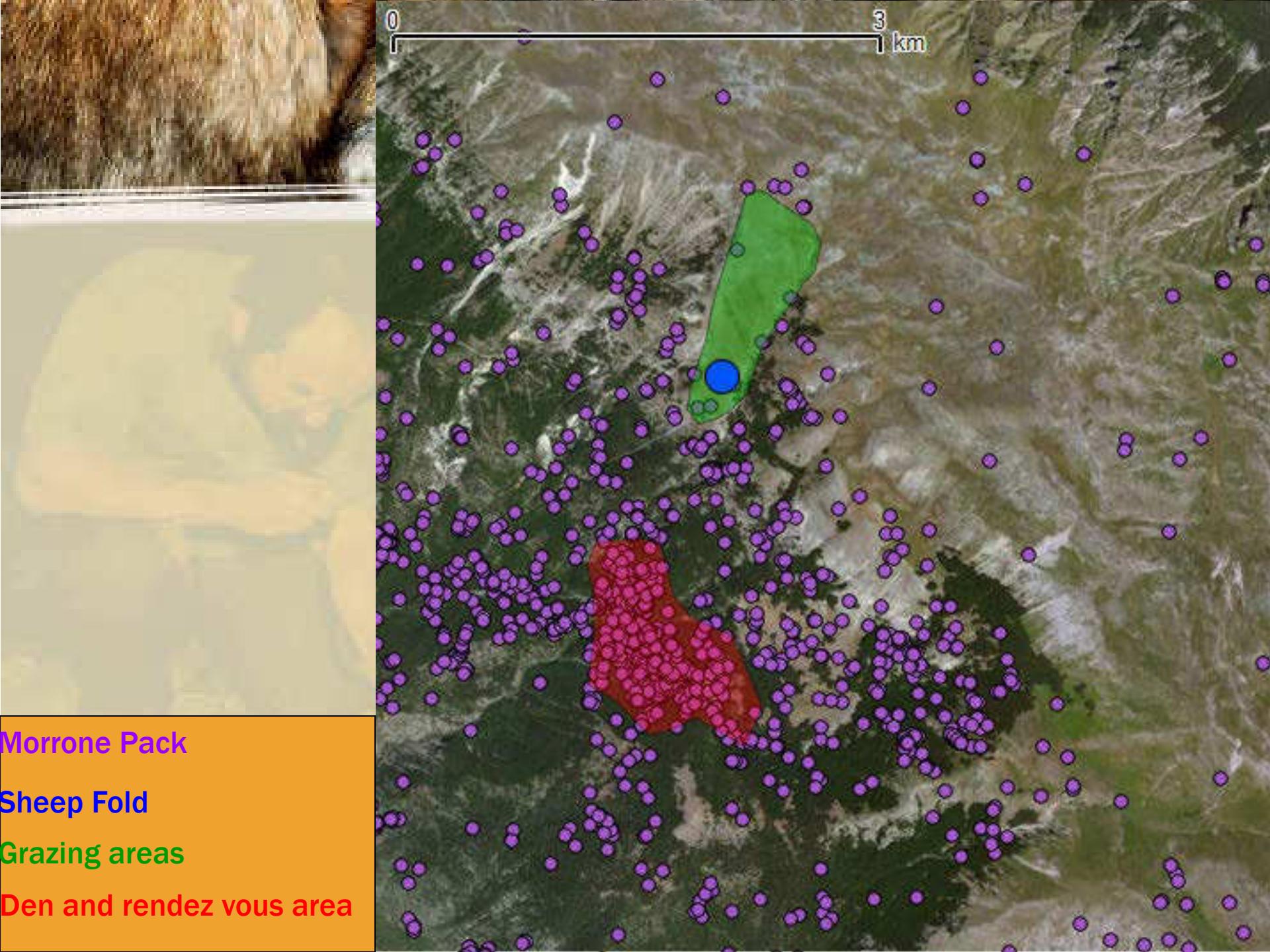
Monte Corvo

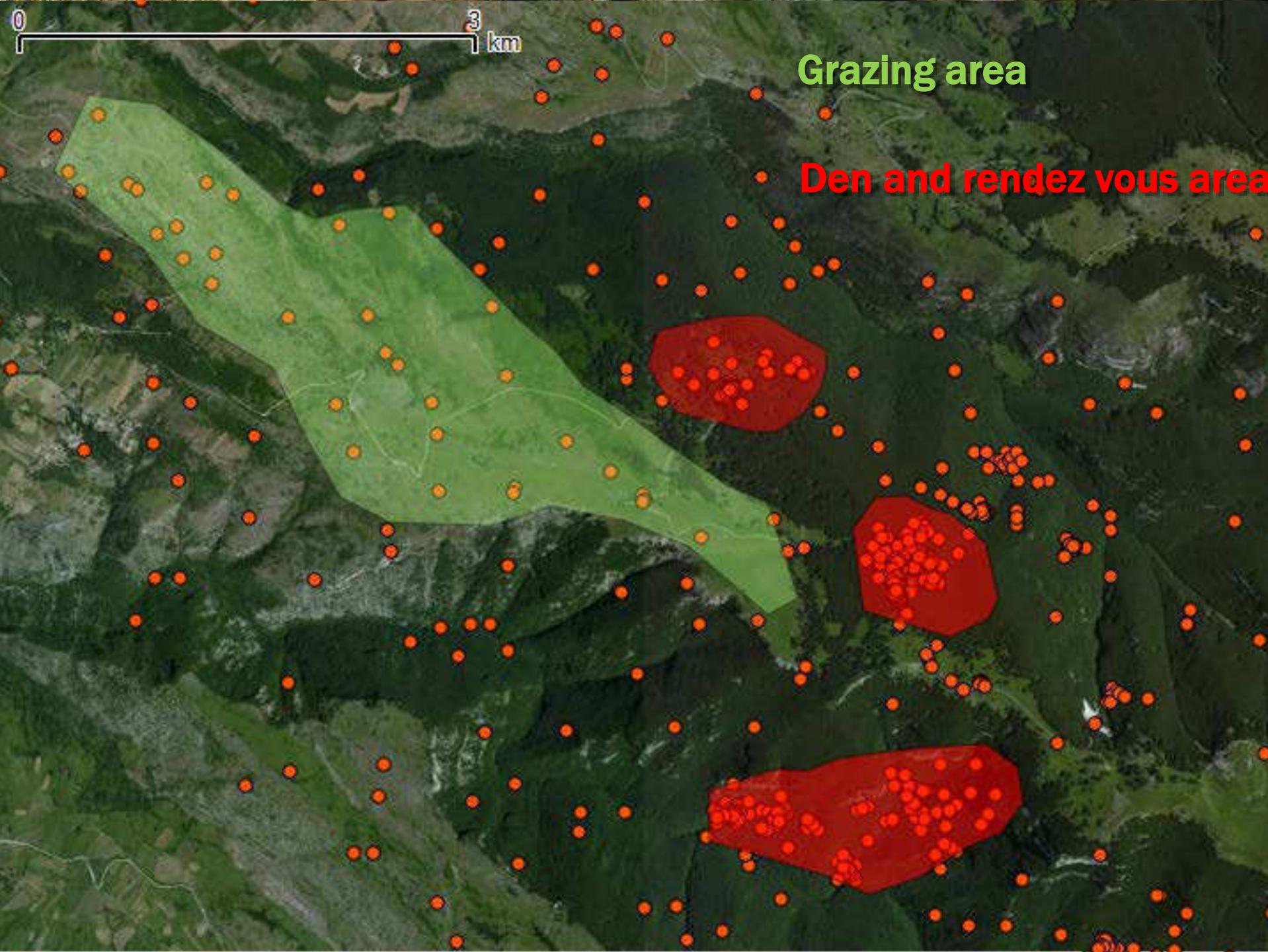
54

46









Grazing area

Den and rendez vous area

Den area



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Coordinates

Start Address: 33487, Parco Nazionale d'Abruzzo

Polygon

Name: Cava Pescante I

Description: vallone pescante El

Save  Discard

A satellite map showing a specific land area outlined by a red polygon. The area is situated in a green, hilly landscape. A white, winding line, possibly a stream or path, runs through the surrounding terrain. The map interface includes a sidebar with coordinates and address information, and a toolbar with various icons and buttons.



12/26/2010 08:13

60 sec



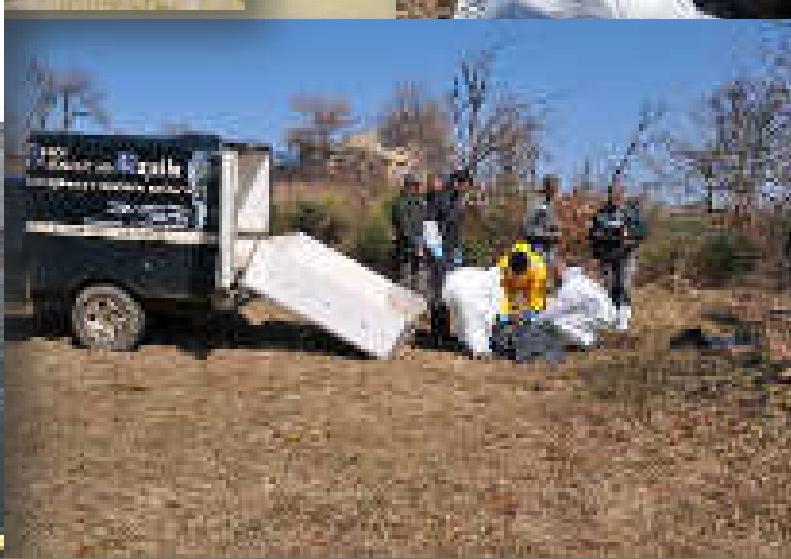


PACK	ID	Y	CDV	CAV-1	CPV	EHR	LEI SH	LEPT	CHV
MORRONE	F1	2010	1:64	1:256	1:256	Neg.(<1:50)	Neg.(<1:80)	Neg.(<1:100)	Neg.(<1:2)
AVO	M1	2011	1:8	1:16	1:256	Neg.(<1:50)	Neg.(<1:80)	Neg.(<1:100)	1:32









# The Park and the farmers

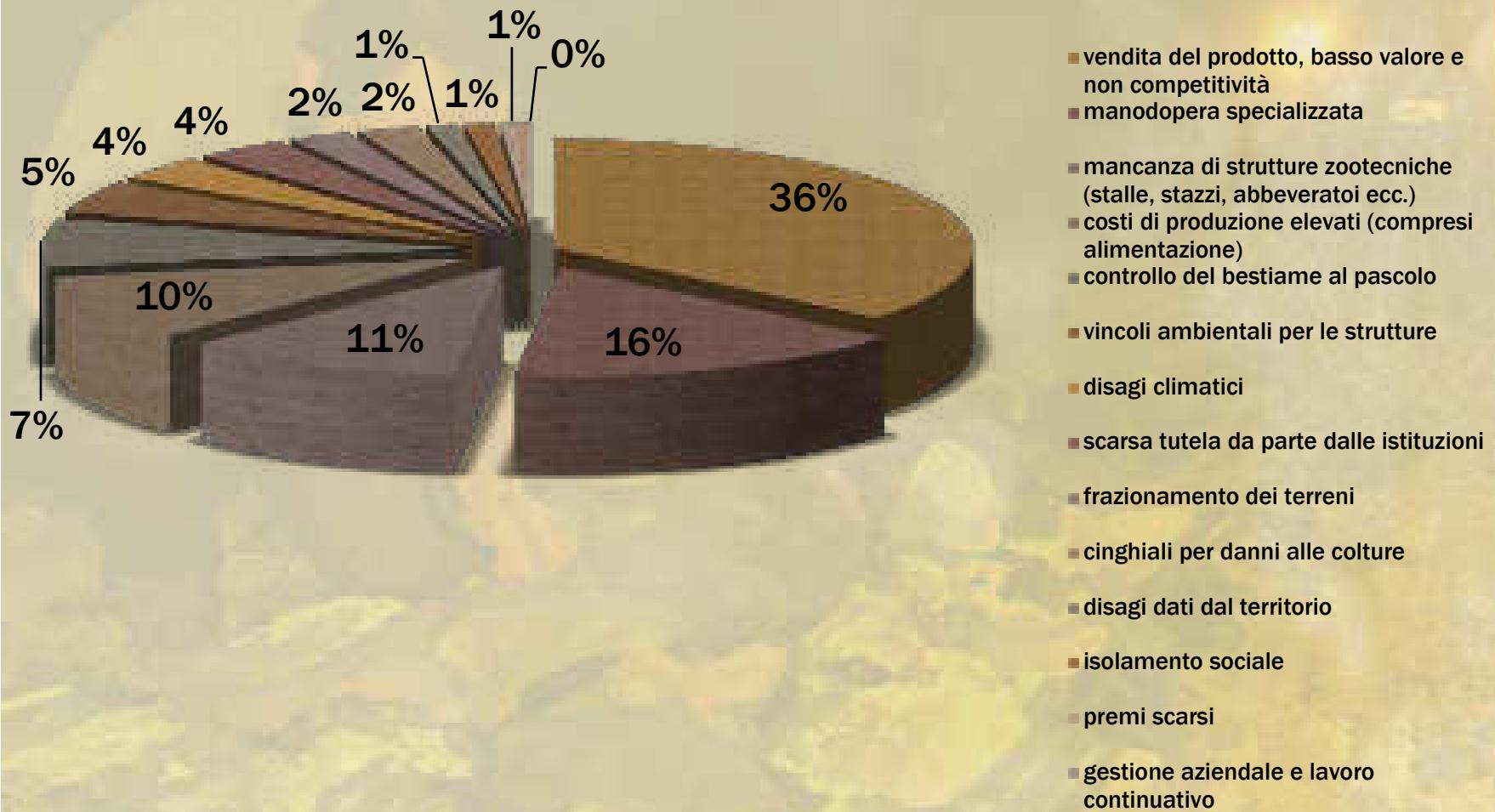






? ! ?

## most important management problems for a farming activity on mountain terrain (Majella National Park, n. 22 farmers, 2012)



# A new wolf/human interface





... and now we have  
another project for you,  
human dimension bla  
bla....radiocollar....bla bla  
attitude towards  
wolf....damage prevention  
...blablablabla....

Oh...leave  
me in peace  
please!