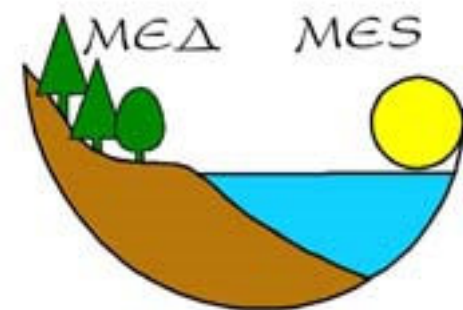


Ungulates and other prey species of large carnivores

Manuela von Arx

Photos are from KORA, MES & PPNEA (in the frame of BLRP & SCOPES projects)



Ungulates and other prey species of large carnivores

1. Ungulates: Cervidae
2. Ungulates: Bovidae
3. Ungulates: Suidae
4. Lagomorphs
5. Field Sign Quiz



1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

1. Roe deer (*Capreolus capreolus*)

- Habitus



1. Roe deer (*Capreolus capreolus*)

- Field signs: Tracks



Size: 4-5 cm long,
3 cm wide
Gait: 60-90 cm



Dewclaw visible in
track when fleeing

1. Roe deer (*Capreolus capreolus*)

- Field signs: Scats



10-14 mm long, 7-10 mm wide

Shiny black or dark brown cylindrical pellets

In summer, pellets build coalescent lumps



confused with: sheep and goat

1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

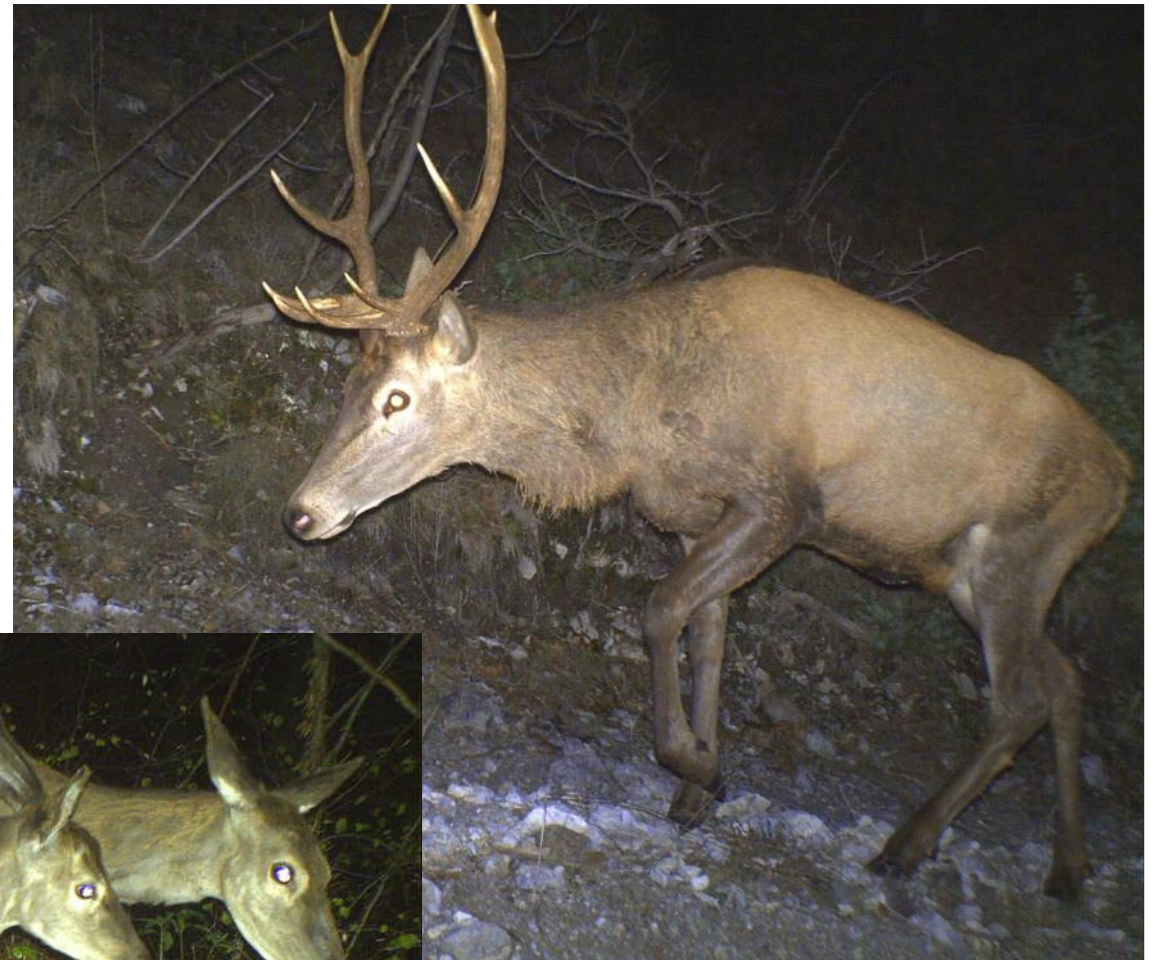
3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

1. Red deer (*Cervus elaphus*)

- Habitus



1. Red deer (*Cervus elaphus*)

- Field signs: Tracks



Size fore foot: 8-9 cm long, 6-7 cm broad
Size hind foot: 6-7 cm long, 4-5 cm broad

Gait: 80-150 cm

Track broad and outer edges curve
symmetrically towards the tip

1. Red deer (*Cervus elaphus*)

- Field signs: Scats



Winter: firm consistency (left)

Summer: feces are mush pat (right)



Dropping elongated and acorn shaped

2-2.5 cm long, 1.3-1.8 cm diameter

Black and shiny when fresh



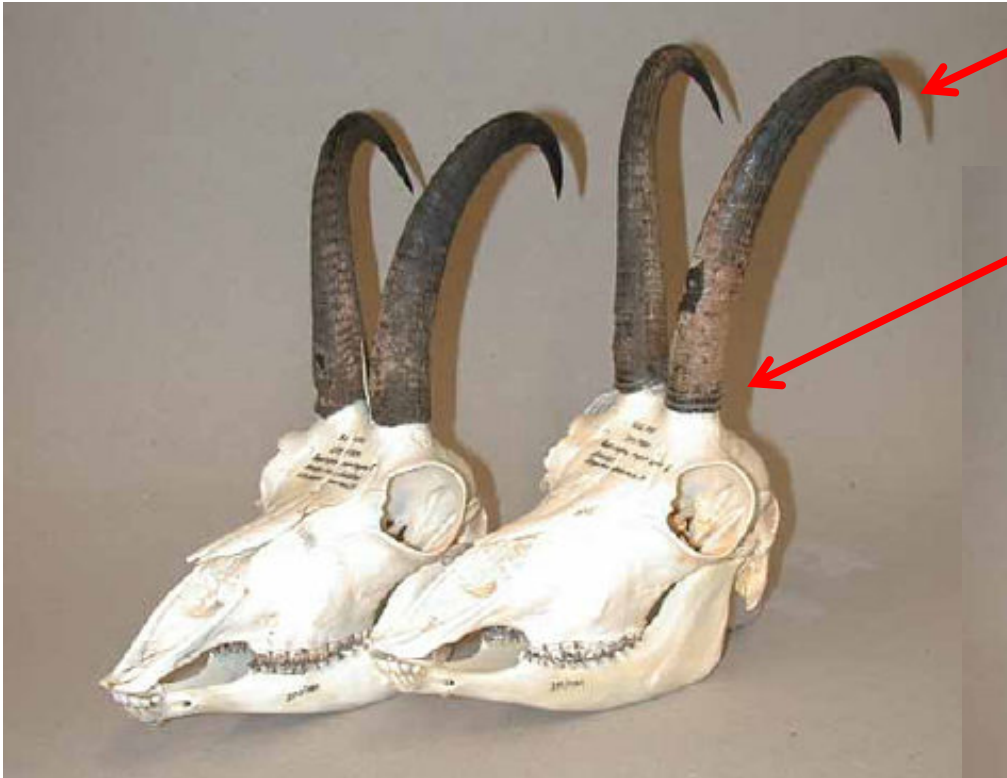
2. Chamois (*Rupicapra rupicapra*)

- Habitus



2. Chamois (*Rupicapra rupicapra*)

- Horns: males vs. females



2. Chamois (*Rupicapra rupicapra*)

- Field signs: Tracks

Size: 6 cm long, 3.5-5 cm broad

Hooves are well separated,
but usually parallel

Feet slightly turned outside

In snow and when fleeing:
declaw visible



2. Chamois (*Rupicapra rupicapra*)

- Field signs: Scats

Size: ca. 1.5 cm diameter

Individual droppings
almost spherical.



confused with: domestic sheep and goat, roe deer

2. Domestic sheep (*Ovis spp.*)

- Field signs:



Size: 5-6 cm long,
4-5 cm broad

Resembles roe deer
but broader and tip
of hoof rounded

No dewclaw in track



Droppings very
similar to goats,
but more often
clumped.

2. Domestic goat (*Capra spp.*)

- Field signs:



Claws narrower towards the tip.
Usually well spread, convex at outside and concave at inside.
Dewclaws not visible.



Droppings cylindrical,
ca. 1 cm long



confused with: sheep, roe deer, chamois

1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

3. Wild boar (*Sus scrofa*)

- Habitus:



1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

3. Wild boar (*Sus scrofa*)

- Field signs: Tracks



Size: 6-9 cm long,
5-7 cm broad
Gait: 35-45 cm

Trapezoid
shape
because of
dewclaws



1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

3. Wild boar (*Sus scrofa*)

- Field signs: Feeding and resting sites



3. Wild boar (*Sus scrofa*)

- Field signs: Scats

Droppings ca. 7 cm long, often sausage-shaped, but variable according to diet.



1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

4. Brown hare (*Lepus europaeus*)

- Habitus



4. Brown hare (*Lepus europaeus*)

- Field signs: Tracks

Front paw 5 toes, hind foot 4 toes

Front: 5 cm long, 2.6-3 cm wide

Hind: 7-12 cm long, 3.5 cm wide



Front paws set ahead of hind paws

4. Brown hare (*Lepus europaeus*)

- Field signs: Scats

15-20 mm diameter

Winter light brown,
summer darker to almost
black



1. Ungulates:
Cervidae

2. Ungulates:
Bovidae

3. Ungulates:
Suidae

4. Lagomorphs

5. Quiz

5. Quiz



1. Ungulates:
Cervidae

2. Ungulates:
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4. Lagomorphs

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5. Quiz



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