



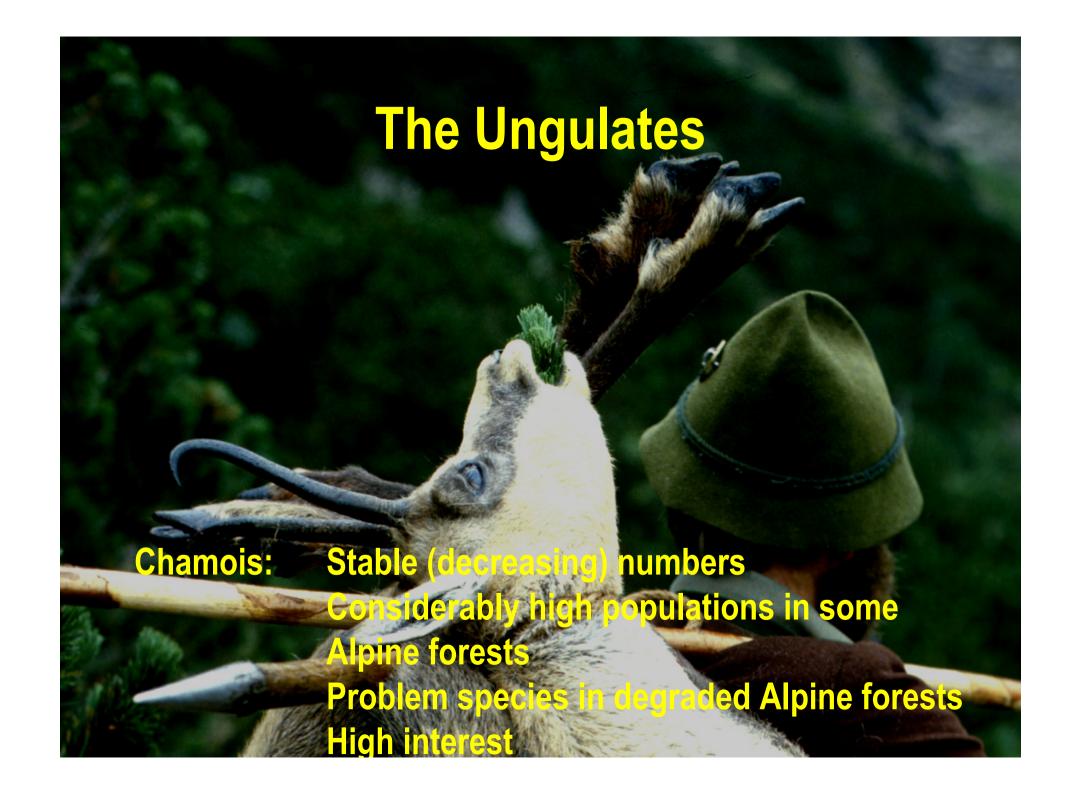
## The Ungulates

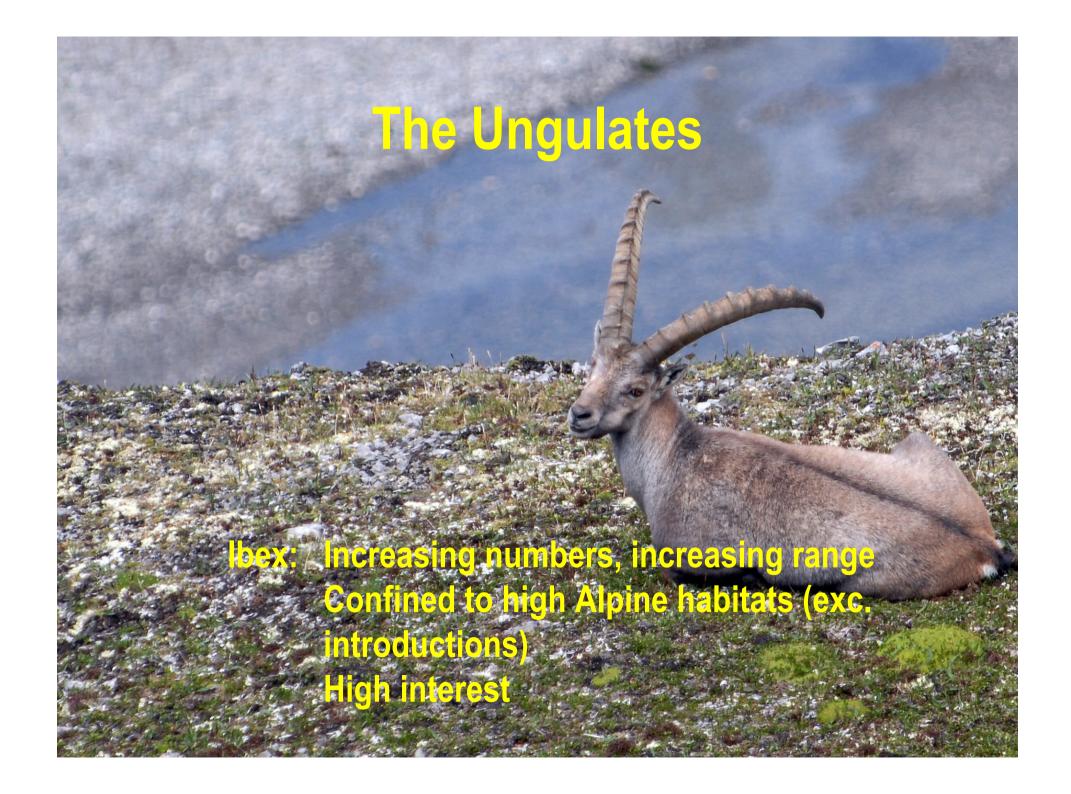
Mufflon: A few introduced populations

**Species not native to the Alps** 

Highly vulnerable through predation

**High interest** 





# **Hunting for trophies**







# Forest damage by ungulates







## Hunters' Concern

Wild Boar: Carnivores avoid Wild Boar; irrelevant

Roe Deer: Great, esp. in absence of Red Deer

Red Deer: Very great, esp. at feeding stations

and winter enclosures

**Mufflon:** Highly vulnerable

Concern great, but only few situations

**Chamois:** Highly vulnerable in forest habitats

Ibex: Hardly vulnerable; irrelevant







## Hunters' concern: Lynx

#### Lynx:

Density app. 1 resident lynx per 100 km<sup>2</sup>. Prey 1 roe deer/5 days = ca. 70 deer p.a.. Plus prey of nonresidents and juv. Outtake app. 1 Roe Deer eq. p. a., km<sup>2</sup>

#### **Hunters:**

2 – 4 deer p. a., km<sup>2</sup> common. Harvest rates commonly below increment.



### Hunters' concern: Wolf

Wolf - Assumptions:

One pack (4 ad + 4 juv. wolves) per 250 km<sup>2</sup>. Killrate 5,4 kg living prey per 1 wolf per 1 day. Prey biomass 50 % Red Deer, 50 % Roe Deer/Chamois.

Outtake: 125 Red Deer 36,7 kg (d. w.)

340 Roe Deer/Chamois 12,8 kg (d. w.)

(App. 0,5 Red Deer + 1,5 Roe Deer p. a., km<sup>2</sup>)

#### **Hunters:**

1 – 3 Red Deer, 1 – 3+ Roe Deer/Chamois common.

#### Winter enclosures

Winter enclosures are fenced feeding stations for Red Deer.

Goal: To prevent Deer from bark scinning and browsing in late winter.

Size 30 - 50 ha, 60 - 150+ deer.

Closed (nov) dec – mid may (jun). 5 – 6+ months.

"Deer fenced in? People fenced out!"

### **Further concerns of hunters**

Carnivores disturbe game

- C. make hunting inefficient and time consuming
- C. make winter feeding unfeasible and therefore cause forest damage by game
- C. disturbe management (harvest) plans
- C. cause a deterioration of leasing prices for hunting grounds

Data are lacking. No scientific evaluation at hand.

### Carnivores' Concerns

#### Presence of hunters in the area

Leasing System (AT, G, CH some kantons):

**Open season June – January (240 days)** 

Game keeper year round

High activity during attractive periods (rut, ...)

Intensive game keeping (winter feeding)

High interest in trophies. Great financial input. Great management efforts. L. C. are considered disturbing game management. Social control lacking.

## Carnivores' Concerns

#### Presence of hunters in the area

Patent System: (F, CH some kantons)

**Short seasons with many hunters** 

Game warden year round

No traditional game keeping (winter feeding)

Interest in quick hunting success. Low financial input. No personal involvement in game management. High social control. Illegal actions difficult to achieve.

## Carnivores' Concerns

#### Presence of hunters in the area

Community System: (South Tyrol, Slo)
Short seasons with many hunters
Game warden year round
Traditional game keeping (winter feeding)

Interest in quick hunting success. Low financial input. Moderate personal involvement in game management. High social control. Illegal actions difficult to achieve.

