

Lab 6: Lagomorpha, Primates & Scandentia



Luxien Landrus, 10/24 and 10/25

Skull Identification

Order Lagomorpha

- All lagomorphs have 2/1 incisors with 1 top incisor behind the other
- Look at post-orbital process for identification

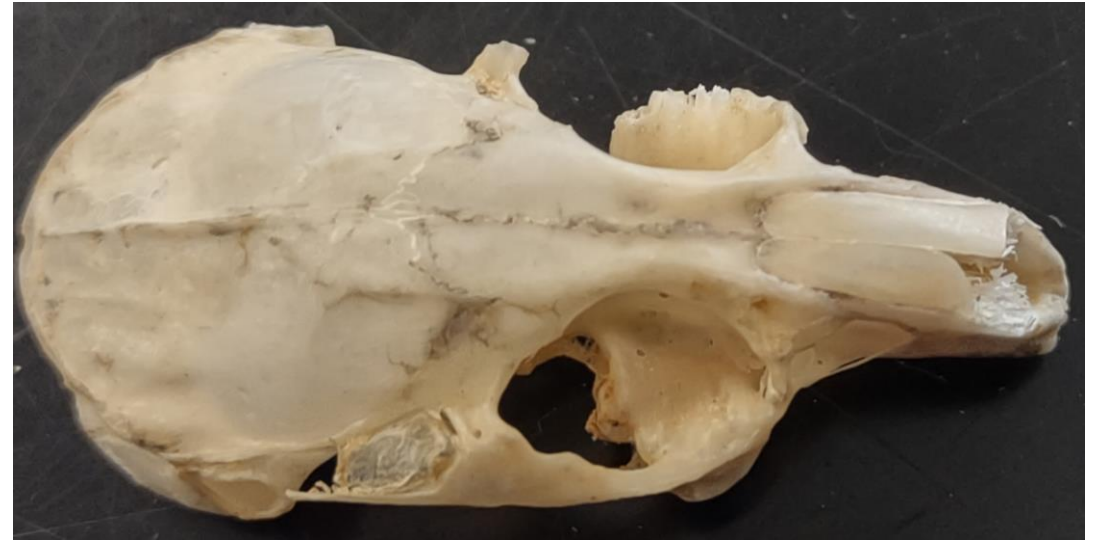


Skull Identification

Order Lagomorpha

Family Ochotonidae (pikas)

- Genus *Ochotona*
- No post-orbital processes



Skin Identification

Order Lagomorpha

Family Ochotonidae (pikas)

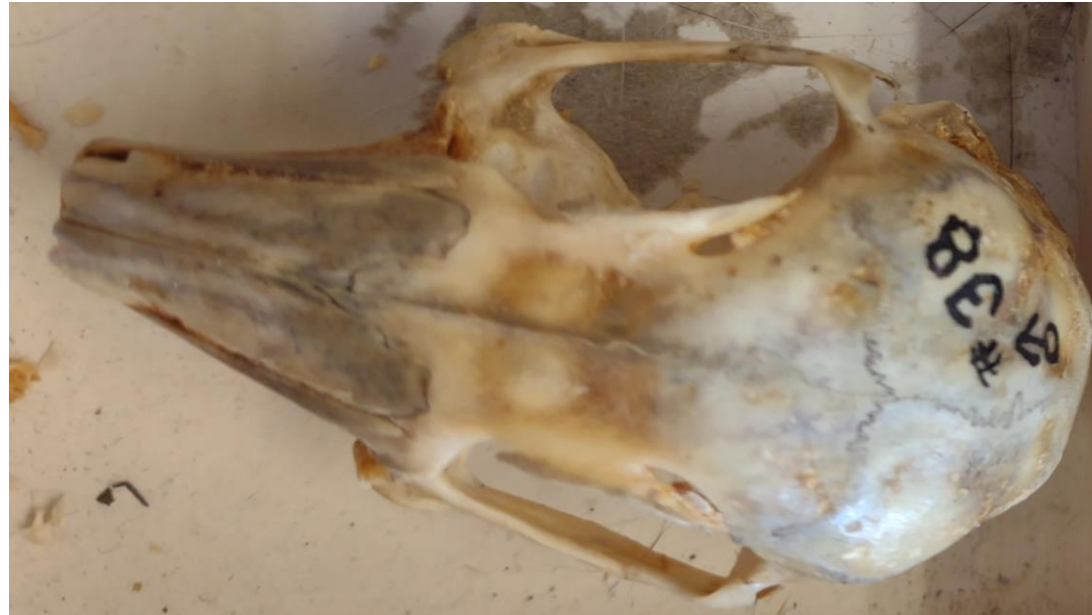
- Genus *Ochotona*
 - *Ochotona princeps* (American pika)
 - White ears (right)
 - Blonde anterior fades into brown posterior
 - Red tinged belly
 - *Ochotona collaris* (collared pika)
 - Black ears (left)
 - White belly



Skull Identification

Order Lagomorpha

- **Family Leporidae**
 - **Genus *Sylvilagus***
 - Winglike post-orbital process, the back of which attaches to the skull



Skin Identification

Order Lagomorpha

- **Family Leporidae**
 - *Sylvilagus nuttallii* (mountain cottontail)



Skull Identification

Order Lagomorpha

- **Family Leporidae**
 - **Genus *Brachylagus***
 - Smaller skull, anterior part of postorbital process attached



Skin Identification

Order Lagomorpha

- **Family Leporidae**
 - *Brachylagus idahoensis* (pygmy rabbit)



Skull Identification

Order Lagomorpha

- **Family Leporidae**
 - **Genus *Lepus***
 - Very prominent wing-like postorbital processes



Skin Identification

Order Lagomorpha

- **Family Leporidae**

- **Genus *Lepus***

- ***Lepus americanus*** (snowshoe hare)

- Top right

- ***Lepus californicus*** (black-tailed jackrabbit)

- Bottom right

- ***Lepus townsendii*** (white-tailed jackrabbit)

- Bottom left



Skull Identification

Order Primates

Family Cebidae

- *Cebus apella* (left)
- Smooth orbits

Family Cercopithecidae

- Genus *Macaca* (right)
- Tines in orbits



Identification

Order Scandentia (tree shrews)

Family Tupaiidae

- **Genus *Tupaia***

- Skull: Complete post-orbital bar, hole in zygomatic arch
- Skin: Long body, narrow head and snout

