

Mammalogy Final Review

All specimens that will be on the final are laid out across the room. Specimens can be asked to any level indicated by this packet. All anatomy from lab 1 that could be asked is on this list. NOTE: Extra credit questions may be pulled from specimens not on this review, or out in the room.

Lab 1 (Anatomy)

1. Cranium

i. (S)=Structure, (B)=Bone

b. Rostrum (S)_____

c. Auditory Bulla(S)_____

d. Nasal (B)_____

e. Frontal(B)_____

f. Postorbital process(S)_____

g. Zygomatic arch(S)_____

h. Sagittal crest(S)_____

i. Parietal(B)_____

j. Supraoccipital(B)_____

k. Occipital condyle(S)_____

l. Basioccipital(B)_____

m. Premaxilla(e)(B)_____

n. Maxilla(B)_____

o. Infraorbital canal(S)_____

p. Palatine (B)_____

q. Incisive foramen (S)_____

- r. Internal nares (S) _____
- s. External nares (S) _____
- t. Pterygoids(B) _____
- u. Basisphenoid(B) _____
- v. Jugal(B) _____
- w. Squamosal(B) _____
- x. Lacrimal(B) _____
- y. External auditory meatus(S) _____

Lab 2 (Monotremes, Marsupials, Xenarthra, Afrotheria, & Insectivora)

Infraclass Metatheria _____

1. **Order Dasyuromorphia** _____

a. **Family Dasyuridae** _____

a. **Genus *Sarcophilus*** _____

Infraclass Eutheria _____

1. **Order Xenarthra** _____

a. **Family Myrmecophagidae** _____

i. **Genus *Myrmecophaga*** _____

b. **Family Megalonychidae** _____

i. **Genus *Choloepus*** _____

c. **Family Dasypodidae** _____

- i. **Genus** *Dasypus* _____
- 2. **Order** Insectivora _____
 - a. **Family** Talpidae _____
 - i. **Genus** *Scapanus* _____
 - 1. *Scapanus townsendii* _____

Lab 3 (Chiroptera)

Order Chiroptera _____

Suborder Yangochiroptera _____

- 1. **Family** Vespertilionidae _____
 - a. **Genus** *Corynorhinus* _____
 - i. *C. townsendii* _____
 - b. **Genus** *Lasiurus* _____
 - i. *Lasiurus cinereus* _____
 - c. **Genus** *Antrozous* _____
 - i. *A. pallidus* _____
 - d. **Genus** *Myotis* _____
 - i. *M. thysanodes* _____

Lab 4 (Rodentia I)

Order Rodentia _____

1. **Suborder** Sciuromorpha _____

a. **Family** Sciuridae _____

i. **Genus** *Urocitellus* _____

1. *U. elegans* _____

ii. **Genus** *Ammospermophilus* _____

iii. **Genus** *Tamias* _____

iv. **Genus** *Tamiasciurus* _____

v. **Genus** *Sciurus* _____

1. *S. aberti* _____

vi. **Genus** *Glaucomys* _____

Lab 5 (Rodentia 2)

Order Rodentia _____

1. **Suborder** Castorimorpha _____

a. **Family** Geomyidae _____

a. **Genus** *Thomomys* _____

i. *Thomomys townsendii* _____

b. Family Heteromyidae

a. **Genus *Dipodomys*** _____

b. **Genus *Microdipodops*** _____

2. Suborder Myomorpha _____

a. **Family Cricetidae** _____

a. **Subfamily Arvicolinae** _____

1. **Genus *Microtus*** _____

2. **Genus *Synaptomys*** _____

3. **Genus *Phenacomys*** _____

4. **Genus *Ondatra*** _____

Lab 6: Lagomorpha, Primates & Scandentia

Order Lagomorpha _____

1. Family Ochotonidae _____

a. **Genus *Ochotona*** _____

2. Family Leporidae _____

a. **Genus *Lepus*** _____

i. ***Lepus townsendii*** _____

Order Scandentia _____

1. **Family** Tupaiidae _____

a. **Genus** *Tupaia* _____

Lab 7: Carnivora

Order Carnivora _____

1. **Suborder** Feliformia _____

a. **Family** Felidae _____

i. **Genus** *Leopardus* _____

1. *L. weidii* _____

2. *L. pardalis* _____

b. **Family** Herpestidae _____

i. **Genus** *Urva* _____

2. **Suborder** Caniformia _____

a. **Family** Ursidae _____

i. **Genus** *Ursus* _____

1. *Ursus maritimus* _____

b. **Family** Procyonidae _____

i. **Genus** *Procyon* _____

ii. **Genus** *Bassariscus* _____

c. **Family Mustelidae** _____

i. **Genus *Lontra*** _____

ii. **Genus *Gulo*** _____

Lab 8: Cetartiodactyla & Perissodactyla

Order Perissodactyla _____

1. **Family Equidae** _____

a. **Genus *Equus*** _____

Order Cetartiodactyla _____

1. **Family Suidae** _____

a. **Genus *Sus*** _____

2. **Family Cervidae** _____

a. **Genus *Mazama*** _____

3. **Family Bovidae** _____

a. **Genus *Ovis*** _____

i. *Ovis canadensis* _____