

**BIOL 3980/ 5980 - Mammalogy Fall, 2015**

Dr. Brad Bergstrom  
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Lecture: 11 MWF 1024 BC  
Lab: 9:30-12:20 or 1-3:50 R; 1088 BC

Website: <http://www.valdosta.edu/~bergstrm> Office Hours: MW 12-1:15;  
other times by appointment.

Lecture Text: Feldhamer, G.A., et al. 2015. Mammalogy: adaptation, diversity, and ecology, 4th Ed. Johns Hopkins Univ. Press, Baltimore. 747 pp.

(Occasionally, you may be asked to read other articles, reserve materials, or textbook chapters not already designated in lecture schedule, below, 7-8; Modern taxonomy 3-4

Skim 1-

1,2	Locomotion; Skull, Skeleton, Teeth	7; 5(part)
3	Integument; Feeding; Thermo-/Osmo-regulation; Nervous/Sensory Systems; Reproduction	7(part); 8-11
4	Paleontology and mammal evolution	5
5*	Biogeography; Modern mammal diversity	6; "Part 3"
5	Monotremes and marsupials	12
6	"Insectivore" orders	13
7	Chiroptera	14
8	Primates	15
9	Carnivora	17
10*	Cetacea	21
10,11	Xenarthra, et al.; "Subungulates"	16,19
11,12	Perissodactyla	20
12	Artiodactyla	20
13,14	Rodentia	18
15	Lagomorpha	18

FINAL \* Thurs., Dec. 10, 10:15 am - 12:15 pm

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\*indicates approximate times of 3 100-pt. exams; TOTAL= 300 points. Max. Course Point Total (see p. 2)= 520 pts. Lowest A/B/C/D= 90/80/70/60% or lower.

## Laboratory in Mammalogy

Manual: Martin, R.E., R.H. Pine and A.F. DeBlase. 2012. A manual of mammalogy with keys to families of the world, 3rd ed. McGraw Hill, Boston. 352 pp.

<u>Tentative Lab Schedule</u>	<u>Date</u>	<u>Chapters.</u>
1. Skull, hair, external characters	Aug. 20	2,4,5
2. Teeth, appendicular skeleton	27	3,6,7
***** 1st Lab Practical Exam ***** Sept. 3		
3. Use of Keys; Field Collection	Sep. 3	8,9
4. Specimen pr		