Mammalogy, Biology 425  
Fall 1998----Syllabus

Schedule:  
Lecture -Monday, Wed. 1-2 PM NSCI 202  
Lab- Wednesday 2:15-5:15 IRV 103  

Instructor:  
Joe Cook  
474-6946; e-mail ffjac@uaf.edu  

Office Hours:  
Monday 2-4 pm  
or by appointment

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>9 Sept:</td>
<td>Introduction. Historical Perspective</td>
</tr>
<tr>
<td>14-16 Sept:</td>
<td>Classification. Noneutherian</td>
</tr>
<tr>
<td>21-23(Q) Sept:</td>
<td>Insectivores and more</td>
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<tr>
<td>28-30(E) Sept:</td>
<td>Primates, Edentates</td>
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<tr>
<td>5-7 Oct:</td>
<td>Rodentia</td>
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<tr>
<td>12-14(Q) Oct:</td>
<td>Rodentia, Lagomorpha</td>
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<tr>
<td>19-21 Oct:</td>
<td>Chiroptera</td>
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<tr>
<td>26-28(Q) Oct:</td>
<td>Chiroptera</td>
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<tr>
<td>2-4(E) Nov:</td>
<td>Cetaceans</td>
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<tr>
<td>9-11 Nov:</td>
<td>Carnivores</td>
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<tr>
<td>16-18(Q) Nov:</td>
<td>Ungulates</td>
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<tr>
<td>23-25 Nov:</td>
<td>Mammalian Adaptations</td>
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<tr>
<td>30-2(Q) Dec:</td>
<td>Mammalian Biogeography</td>
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<tr>
<td>9-11 Dec:</td>
<td>To be Announced</td>
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<tr>
<td>14 Dec 1-3 pm</td>
<td>Final Exam</td>
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Text: Mammalogy (Third Edition), by T. A. Vaughan
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9 Sept</td>
<td>Creamer's Reserve Sampling</td>
</tr>
<tr>
<td>16 Sept</td>
<td>Classification, Keys, Osteology</td>
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<tr>
<td>23 Sept</td>
<td>Insectivores, etc</td>
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<td>30 Sept</td>
<td>Primates, Edentates</td>
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<td>7 Oct</td>
<td>Rodents</td>
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<td>14 Oct</td>
<td>Rodents, Lagomorpha</td>
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<tr>
<td>21 Oct</td>
<td>Lab Practical</td>
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<td>28 Oct</td>
<td>Chiropterans, Cetaceans</td>
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<td>4 Nov</td>
<td>Carnivores</td>
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<td>11 Nov</td>
<td>Ungulates, etc</td>
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<tr>
<td>18 Nov</td>
<td>Mammalian Adaptations</td>
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<tr>
<td>25 Nov</td>
<td>Techniques in Mammalian Systematics</td>
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<tr>
<td>2 Dec</td>
<td>To be announced</td>
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<tr>
<td>9 Dec</td>
<td>Final Practical</td>
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Mammalogy, Fall 1998
Biology 425

Special Projects

Three Field Trips- Students must participate in at least 2

Oral Presentations- 10 minutes (+ Written Summary)

Study Skin Collection (or alternative term paper): 10 specimens including at least six different species including field notes/specimen catalog

Need: A minimal dissecting kit (small scissors [fiskar]; needle and white cotton thread), black permanent pen (Uniball-micro);

Grading Policy 1998

Lecture and Laboratory scores will be cumulative

3X100 point lecture exams = 300
5X15 point quizzes (drop one -15) = 60
2X75 point lab practicals = 150
study skin collection = 50
class participation/special projects = 50

Letter Grades are based on the conventional scale
(e.g., 90-100% = A; 80-89% = B; etc)
10 Minute Oral Presentation
w/ 2 page written summary

Mammalogists
Elizabeth Hadley
Margaret Smith
Eileen Lacey
C. Hart Merriam
Spencer F. Baird
Alicia V. Linzey
Robert S. Hoffmann
J. Mary Taylor
Sarah George
Karen McBee
Katherine Ralls
Karl F. Koopman
Bruce Patterson
James H. Brown
James Patton
Robert Baker
Olaus Murie
Dale Guthrie
L. David Mech
I. Gromov (Russia)
Louise Emmons
E. Raymond Hall
Jane Goodall
Jerry O. Wolfe
Annie Alexander
Brian Barnes
David Klein
Oswaldo Reig (Argentina)
Terry Bowyer
Rodney L. Honeycutt
Oliver Pearson
Elizabeth Vrba (South Africa)
Charles Krebs (Canada)
Robert White
Erich Folkmann
Tim Flannery (Australia)
Eviatar Nevo (Israel)
George Gaylord Simpson
Kazimierz Petrusewicz (Poland)
Charles S. Elton (England)
Victor B. Scheffer
Bjorn Kurten (Finland)
Timothy Clutton-Brock (England)
Robert L. Rausch
Elizabeth Horner
Francis Fay
Enrique Lessa (Uruguay)
Ilkka Hanski (Finland)
William Pruitt (Canada)
Dave Nagorsen (Canada)
Mammalogy 425
Readings in Vaughan

<table>
<thead>
<tr>
<th>Topic</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Introduction, Historical Perspective</td>
<td>1-40</td>
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<tr>
<td>Classification, Noneutherian</td>
<td>41-49</td>
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<tr>
<td>Insectivores and more</td>
<td>79-92</td>
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<tr>
<td>Primates, Edentates</td>
<td>138-153, 215-225</td>
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<tr>
<td>Rodents</td>
<td>277-282, 244-249</td>
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<td>Rodentia</td>
<td>249-276</td>
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<td>Rodentia. Lagomorpha,</td>
<td>226-243</td>
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<td>Chiropterans, Cetaceans</td>
<td>108-137</td>
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<tr>
<td>Carnivores</td>
<td>154-177</td>
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<tr>
<td>Subungulates, Ungulates</td>
<td>178-214</td>
</tr>
</tbody>
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