

**TENTATIVE SYLLABUS**  
**EEOB 322**  
**INTRODUCTION TO ORNITHOLOGY**  
**SPRING QUARTER 2004**

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Room 1540

Museum of Biological Diversity

The Ohio State University

1315 Kinnear Road (43212-1192)

**LECTURES:** M,W,Th: the Auditorium (Room 1120), The Museum of Biological Diversity

**LABORATORIES:** Mon & Wed, Tue & Thur and Wed & Fri: Indoor labs, Bird Range (Room 1700), Museum of Biological Diversity and Outdoor labs, in the field, OSU campus, Tuttle Park and the Wetlands area.

- GTAS: 1.  
2.  
3.

**TEXTS:** Elphick, Dunning, & Sibley.2001. THE SIBLEY GUIDE TO BIRD LIFE & BEHAVIOR, Alfred A. Knopf, New York  
Peterson, Roger Tory. 2002. Peterson, Roger Tory. BIRDS OF EASTERN AND CENTRAL NORTH AMERICA. 5th Edition.  
Houghton-Mifflin, Boston

**LECTURES:**

Mon	29 Mar	Introduction
Wed	31 Mar	Implications thru Plumage & Age (15-21)
Thur	1 Apr	Chapter 2 Aerodynamics thru wing shape (21-24)
Mon	5 Apr	Chapter 2 Feet, Bills, digestion thru bones & muscles (24-30)
Wed	7 Apr	Chapter 2 Respiration & metabolism thru eyes (30-34)
Thur	8 Apr	Chapter 2 Hearing thru problem solving (34-37)
Mon	12 Apr	Chapter 2 The origin of birds (37-44)
Wed	14 Apr	Chapter 2 Classification I (44-50)
Thur	15 Apr	Chapter 2 Classification II (44-50)
Mon	19 Apr	Chapter 3 Study of behavior (50-55)
Wed	21 Apr	Chapter 3 Feeding & locomotion (55-59)
Thur	22Apr	Migration I (59-65)
Mon	26 Apr	Migration II (59-65)
Wed	28 Apr	MIDTERM
Thur	29 Apr	Chapter 5 Dispersal (65-68)
Mon	3 May	Chapter 5 Displays using sound (68-71)
Wed	5 May	Chapter 5 Monogamy thru polygyngy (71-75)
Thur	6 May	Chapter 5 Lekking, other breeding behavior (75-79)
Mon	10 May	Habitats (80-86)
Wed	12 May	Forests and woodlands (86-92)
Thur	13 May	Chapter 9 Grasslands and scrublands (92-95)
Mon	17 May	Chapter 9 Deserts and tundra (95-100)
Wed	19 May	Chapter 9 Wetlands and aquatic habitats (100-105)

Thru	20 May	Chapter 10 Human created habitats (105-106)
Mon	24 May	Chapter 10 Populations thru abiotic factors (107-112)
Wed	26 May	Chapter 10 Population regulation thru brood parasites (112-116)
Thru	27 May	Chapter 10 Pollution thru climatic change (116-119)
Mon	31 May	Chapter 10 MEMORIAL DAY
Wed	2 Jun	North American bird populations
Thru	3 Jun	Final Review

**LABORATORY EXERCISES:** There are two, two hour labs per week. Monday & Wednesday and Tuesday & Thursday.

**PLEASE CHECK LISTS TO SEE WHAT LABORATORIES YOU ARE ASSIGNED.** Each student will have one indoor lab in Room 1700 and one outdoor lab per week. No labs are cancelled because of weather, except for thunderstorms, determined by the GTAs.

**INDOOR LABS:**

1st week	29 Mar	Skeleton, topology, feathers, wings, tails, nests, eggs, etc.
2nd week	5 Apr	Order Gaviiformes through Anseriformes
3rd week	12 Apr	Orders Falconiformes through Charadriiformes
4th week	19 Apr	Orders Columbiformes through Caprimulgiformes
5th week	26 Apr	Biogeography & Distribution demonstrations
6th week	3 May	Orders Apodiformes through Piciformes Other miscellaneous demonstrations
7th week	10 May	Order Passeriformes, Families Tyrannidae through Sturnidae
8th week	17 May	Order Passeriformes, Families Vireonidae through Passeridae
9th week	24 May	Outdoor FINAL PRACTICAL EXAM Indoor lab - Final Review of Avian material
10th week	31 May	FINAL INDOOR PRACTICAL EXAM - Mon & Wed labs on WED 2 Jun); Tues & Thru labs on TUES 1 Jun); NO OUTDOOR LABS

**FINAL EXAM (all students) MONDAY 7 JUNE 2004 at 0730-0918**

**TENTATIVE GRADE SCALE \***

100-92 = A
91-85 = B
84-75 = C
74-65 = D
64 - below = E

**TENTATIVE POINT DISTRIBUTION \***

Lecture (50%)

Midterm & Final (45%)

Lecture Quizzes (5%)

LABORATORY (50%)

Outdoor Labs (20%)

Quizzes (5%)

Final Practical (15%)

Indoor Labs (30%)

Quizzes (5%)

Final Practical (25%)

\* The instructor reserves the right to modify this grade scale and point distribution.