

**BEHAVIORAL ECOLOGY  
IB 146  
SPRING 2004**

Week of	Day	Topic
19 Jan	M W Lab	No class Organization No lab
26 Jan	M W Lab	What is behavioral ecology? Testing adaptive hypotheses Discussion: identifying adaptation
2 Feb	M W Lab	Sexual vs natural selection Bateman's principle(s) revisited Lab: data collection techniques <b>Critique #1 due (25 pts)</b>
9 Feb	M W Lab	Sexual selection 1 Sexual selection 2 Lab: sexual selection in birds
16 Feb	M W Lab	<b>No class</b> Sexual selection 3 Techniques symposium <b>Techniques abstract due (25 pts)</b>
23 Feb	M W Lab	Sexual selection 4 Film Hyena trip (?)
1 Mar	M W Lab	Mating systems 1 Mating systems 2 Discussion: exam review <b>Critique #2 due (25 pts)</b>

8 Mar	M W Lab	Mating systems 3 <b>EXAM 1</b> No lab – go recover!
15 Mar	M W Lab	Sociality: cooperation & conflict <b>No class</b> Lab: zoo trip
22 Mar	<b>Spring break!</b>	
29 Mar	M W Lab	Living in groups Cooperation and conflict Lab: mating systems 1 <b>Zoo report due (25 pts)</b>
5 Apr	M W Lab	Is kin selection necessary? Ecology of sociality 1 Lab: mating systems 2
12 Apr	M W Lab	Ecology of sociality 2 Reproductive skew 1 Lab: mating systems 3
19 Apr	M W Lab	Reproductive skew 1 Sociality overview Discussion: eusociality
26 Apr	M W Lab	Behavioral evolution 1 Behavioral evolution 2 Discussion: what about humans? <b>Lab report due (50 pts)</b>

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3 May	M W Lab	Human behavioral ecology 1 Human behavioral ecology 2 Discussion: review for exam
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10 May	M	<b>EXAM #2</b>
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