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### BIOB 171N.01: Principles of Biological Diversity Lab

Gregory Peters

University of Montana - Missoula, [greg.peters@mso.umt.edu](mailto:greg.peters@mso.umt.edu)

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## BIOL 171 Laboratory Outline – Summer 2013

**Lab Meeting Times:** TWR 7:30-11:20, Health Sciences room 102

Make sure to get your TA's office hours and contact info:

Materials: Lab manual (available in UM Bookstore only)

### Overview:

The laboratory component of this course provides an opportunity for hands-on learning. There are no "make-up" labs, so attendance is essential. The laboratory manual will be needed for each lab. It is strongly recommended that you work through the questions at the end of the lab guidelines; these questions can help solidify important concepts and may be used in lab quizzes. Although group work is a valuable learning tool, and is encouraged during lab exercises, students will be expected to complete quizzes individually. Quizzes will be offered at the beginning of lab time. Expectations for your lab notebook will be explained during the first day of lab.

### Lab Grading (separate from lecture grade):

Quizzes	70	(best 7 of 8)
Field trip participation	10	
Lab notebook	40	
<u>Animal presentation, write-up</u>	<u>30</u>	
Total	150	

### Lab Schedule:

<u>Date</u>	<u>Topic</u>	<u>Quiz</u>	<u>Lab begins on page:</u>
May 28	No Lab: secure Computer login		-
May 29	Course intro, microscopy		3
May 30	Cells, pond water, prep bacteria	1	-
June 4	Bacteria	2	27
June 5	Protists, turn in notebooks for review	3	55
June 6	Prep time for Exam 1		-
June 11	Fungi, Lichens, outline presentation goals	4	73
June 12	Field Trip		-
June 13	Plants 1	5	93
June 18	Prep time for Exam 2		-
June 19	Plants 2	6	119
June 20	Animals 1	7	179
June 25	Animals 2	8	201
June 26	Student presentations, notebooks due		-
June 27	Prep time for Exam 3		-