

BIOLOGY OF FISHES

FISH/BIOL 311, Winter Quarter 2007

Class web-site: <http://fish.washington.edu/classes/fish311>

CONTACTS:

Chris Kenaley, Instructor, Office: the UW Fish Collection, Fisheries Teaching and Research, FTR 005A. Telephone 616-2485, e-mail <ckenaley@u.washington.edu> Office hours: No hard and fast time, just send an email and we'll meet.

Dawn Roje, Teaching Assistant, Tuesday-Thursday morning: the UW Fish Collection, Fisheries Teaching and Research, FTR 005C. Telephone 685-3438, e-mail dawnr5@u.washington.edu. Office hours: TBA.

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ORGANIZATION AND SCOPE OF THE COURSE: an introductory course designed to provide an overview of the wonderful world of fishes, their kinds and ways. We'll discuss and conduct a hands-on examination of the biology and diversity of living fishes of the world—from ancient bottom-living hagfishes and lampreys to modern-day sharks, rays, and bony fishes; from the freshwaters of Amazonia and the Congo Basin to mangrove swamps and coral reefs; and from shallow-water lakes and streams to the deepest parts of the world oceans.

REVIEW LECTURE SCHEDULE: Three major themes:

1. Biodiversity
2. Form
3. Function

REVIEW LECTURE SCHEDULE: same three themes

Biology of Fishes, Rosenman, Bruce B. Collette, and Douglas E. Facey. 1997. Blackwell Science, Malden, Massachusetts, xiv + 528 pp.

Recommended only.

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B

LAB EQUIPMENT: Dissecting instruments (scalpel, six blades, forceps, probe), **required** . Laboratory notebook, **required**

GRADES AND GRADING:

Lecture only		Lecture and laboratory	Points
Lecture Exam I	100	Lecture Exam I	100
Lecture Exam II	100	Lecture Exam II	100
Term Paper	100	Term Paper	100
Comprehensive Lecture Final	200	Comprehensive Lecture Final	200
		Midterm Laboratory Exam	100
		Laboratory Notebook	100
		Term-Paper Presentation	100
		Comprehensive Lab Final	200
Totals	500		1000

EXAMS: Three exams will be given: two mid-term lecture exams and a comprehensive final exam. The mid-term exams are scheduled for January 30 and February 27. The final exam will be given 19 March at 2:30.

TERM PAPER: Each student will be asked to produce a term paper that surveys the diversity and evolutionary relationships of a family of fishes. Please see separate description of this assignment.