

**Biol 112 Diversity of Life Schedule - TENTATIVE!!!**

Wyeth, 2008

Week	Date	Lecture	Topic A	Topic B	Reading A*	Reading B*	Laboratory	Events
1	Jan 7	1	Parasites	Introduction	none	none		
		2	Classification/Taxonomy	Prokaryotes 1	Ch1; pp495-497	Ch 27	0. Scientific Method & Microscopy	
		3	Phylogeny & Tree of Life	Prokaryotes 2	25.1-25.3, 26	Ch 27		
2	Jan 14	1	Mitosis & Meiosis	Evolution	12.1-12.2,13.3,13	23.2-23.4, Ch 22		
		2	Natural Selection	Protists 1	23.2-23.4, Ch 22	28.1,28.4-28.7	1. Fundamentals of Biodiversity	
		3	Protists 2	Diseases	28.1,28.4-28.7	18.1-18.2, see Handout		
3	Jan 21	1	Speciation 1	Speciation 2	Ch 24	Ch 24		
		2	spare	Algae	TBA	28.5,28.8	2. Prokaryotes to Protists	
		3	Fossil Record	Extinctions	26.2,26.4-26.5	26.2		
4	Jan 28	1	Nonvascular Plants	Ferns	29.1-29.3	29.4		
		2	Gymnosperms	Conifers	30.1-30.2	30.1-30.2	3. Fungi, Algae, Lichens	
		3	Flowering Plants 1	Genetic Modification	30.3	TBA		
5	Feb 4	1	Flowering Plants 2	Flowering Plants 3	30.3	30.3		
		2	Fungi 1	Fungi 2	Ch 31	Ch 31	4. Land Plants	
		3	Fungi 3	Toxins & Flavours	Ch 31	TBA		
6	Feb 11	1	Fungi 4	Sponges	Ch 31	33.1		
		2	Jellies	Flatworms, Rotifers, etc.	33.2	33.3	5. Sponges to Rotifers	Lecture Midterm
		3	Molluscs	Invasions	33.4	55.1		
7	Feb 18	1	Annelids	Nematodes	33.5	33.6		
		2	Insects & Spiders	Crustaceans & Sea Spiders	33.7	33.7	6. Annelids & Molluscs	Lab Midterm
		3	Echinoderms	Conservation	33.8	55.2-55.4		
8	Feb 25	READING WEEK						NO LAB
9	Mar 3	1	non-vertebrate Chordates	Fish 1	33.8	34.1-34.3		
		2	Fish 2	Amphibians 1	34.4	34.5	7. Arthropods	
		3	Amphibians 2	Exterminations	34.5	55.1		
10	Mar 10	1	Reptiles	Birds	34.6	34.6		
		2	Mammals 1	Mammals 2	34.7	34.7	8. Echinoderms & Chordates	
		3	Primates	Habitat Destruction	34.7	55.1		
11	Mar 17	1	Human Evolution	Intro to Ecology 1	34.8	Ch 50		
		2	Intro to Ecology 2	Coffee Footprint 1	Ch 50	TBA	9. Vertebrates	
12	Mar 24	1	Behavioural Ecology 1	Behavioural Ecology 2	Ch 51	Ch 51		
		2	Population Ecology 1	Population Ecology 2	Ch 52	Ch 52	10. Footprint Lab	
		3	Community Ecology 1	Coffee Footprint 2	Ch 53	TBA		
13	Mar 31	1	Community Ecology 2	Community Ecology 3	Ch 53	Ch 53		
		2	Ecosystems 1	Ecosystems 2	Ch 54	Ch 54	Review Lab	
		3	Ecosystems 3	Coffee Footprint 3	Ch 54	TBA		
14	Apr 7	1	Ecosystems 4	Climate Change	Ch 54	TBA		
		2	spare	evaluations	TBA	none		Lab Final Exam

\* chapter and page numbers refer to Campell & Reece (2005) Biology, 7th ed. **See Lecture Guides on course website for details.**