

		Lecture Title	Reading (Raven)	Reading (Campbell)	Lab		
June	22	Biodiversity 1	Evolution of Ecological Systems	1.1–1.4	1.1–1.4, 10.1	Biodiversity	
	23	Biodiversity 2	Prokaryotes & The Origin of Eukaryotes	28.1, 28.4, 28.6, 29.1–29.4	27.3–27.6, 28.1–28.6		Intro to Biology
	24	Biodiversity 3	Fungi	32.1–32.9	31.1–31.5		Diversity of Life & Life Cycles
	25	Biodiversity 4	Colonization of Land	30.1–30.5	29.1–29.3		
	26, 27, 28						
	29	Biodiversity 5	Evolution of Seeds	31.1–31.2	30.1–30.2		Intro to Land Plants
30	Biodiversity 6	Angiosperms	31.3–31.5, 41.3–41.8	30.3–30.4, 38.1–38.2			
July	1	Biodiversity 7	Plant Morphology, Stems, & Leaves	36.1–36.2	35.1–35.5	Flowering Plants	
	2	No class!					
	3, 4, 5						
	6	Biodiversity 8	Plant Roots & Resources	36.3–36.5	37.1–37.3	Plant Morphology & Practical	
	7	Biodiversity 9	Fluid Transport	37.1–37.6, 38.1–38.3	36.1–36.6		
	8	Evolution 1	Foundations of Evolutionary Biology	21.1–21.7	22.1–22.3	No Labs!	
	9	MIDTERM #1					
	10, 11, 12						
	13	Evolution 2	Genetics & Natural Selection	20.1–20.9	23.1–23.4	Microevolution	
	14	Evolution 3	Phylogenetic Systematics	23.1–23.5	26.1–26.6		
	15	Evolution 4	Speciation	22.1–22.4	24.1–24.4	Phylogenetic Analysis	
	16	Evolution 5	Deep Time & The Fossil Record	26.1–26.5	25.1–25.4		
	17, 18, 19						
	20	Evolution 6	Macroevolution & Evo-Devo	22.5–22.6, 25.1–25.4	25.5–25.6	Primate Evolutionary History	
	21	Evolution 7	Evolution of the Vertebrates	35.4, 35.9	34.2, 34.6		
	22	Evolution 8	Rise of the Hominins	35.10	34.7 (10th), 34.8 (9th)	Macroevolution	
	23	Evolution 9	Evolution Review				
	24, 25, 26						
27	MIDTERM #2				No Labs!		
28	Ecology 1	Species Ecology	54.12	52.4–53.1			
29	Ecology 2	Population Dynamics	55.1–55.7	53.2–53.5	Bioindicators		
30	Ecology 3	Interspecific Interactions	56.1–56.2	54.1			
August	31, 1, 2						
	3	Ecology 4	Community Ecology	56.3–56.5	54.2–54.5	Population Ecology	
	4	Ecology 5	Ecosystem Ecology	57.1–57.5	55.1–55.4		
	5	Ecology 6	Ecology of the Biosphere	58.1–58.4	52.1–52.3	Predator–Prey Dynamics	
	6	Ecology 7	Human Ecology	58.5–58.6	53.6		
	7, 8, 9						
	10	Ecology 8	Ecology & Global Change	59.1–59.4	55.5	Ecology of CA (Botanical Garden)	
	11	Ecology 9	Conclusion & Review				
	12	MIDTERM #3					

Course: Bio 1B, U.C. Berkeley, Summer 2015 // Recommended Texts: Raven's Biology (10th edition) or Campbell Biology (9th or 10th edition)

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