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

Course: Bio 1B, U.C. Berkeley, Summer 2016 // Recommended Text: Campbell Biology (9th or 10th edition)

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