

PBIO209 - Plant Ecology - reading and assignment schedule, Win2007 - Dr. Kim Brown

Week	Date	Lecture Topics	Reading	Assignments
Week 1	3-Jan	class intro, Ecology, Defined	Ch1	
	4-Jan	Types of Experiments, Types of Plant Ecology	Ch1	
Week 2	9-Jan	Physiology of the Individual	Ch2	
	10-Jan	Variations on the Photosynthetic Theme	Ch2	
Week 3	11-Jan	Plant Water Relations	Ch3	
	16-Jan	Plant energy balance	Ch3	
	17-Jan	Soils	Ch4	
	18-Jan	Nutrition and Belowground Dynamics (no lecture, online notes only)	Ch4	20Jan-F.P.Cons Trip*
Week 4	23-Jan	Exam 1, covering Ch 1-4		paper topic and FPC worksheet due
	24-Jan	Natural Selection, Heritability, Patterns of Adaptation	Ch6	
	25-Jan	Ecotypes, plasticity, Convergent Evolution, Speciation	Ch6	
Week 5	30-Jan	Plant population growth & structure	Ch5	
	31-Jan	Plant demography, rarity, and conservation	Ch5	
	1-Feb	Plant Growth and Reproduction	Ch7	
Week 6	6-Feb	Plant life histories and classification	Ch8	
	7-Feb	Pollination and seed dispersal	Ch7	TA Guest Lecture, Jody Schaub
	8-Feb	Film, which WILL BE ON EXAM 2!		
Week 7	13-Feb	Exam 2, covering Ch 5-9		
	14-Feb	Disturbance and succession	Ch13	
	15-Feb	Plant Community - pattern + process	Ch 10	
Week 8	20-Feb	Herbivory, Plant Defenses, Pathogens	Ch 11	web assignment due
	21-Feb	Diversity and Invasive Species	Ch14	
	22-Feb	Ecosystem Processes	Ch15	
Week 9	27-Feb	Climate and Physiognomy	Ch17	paper due
	28-Feb	Biomes	Ch18	
	1-Mar	Exam 3, covering Ch 10, 11, 13, 14, 15, and 17		
Week 10	6-Mar	Paleoecology	Ch 20	
	7-Mar	Global Change: history, relevance, future?	Ch 21	
	8-Mar	Course evaluations, and class synthesis		

Comprehensive Final Exam = Monday, March 12, at 12:20 p.m.

* This trip to the Franklin Park Conservatory is not mandatory attendance. You are free to go to the FPC on your own. As Long as you turn in the assignment by 23 Jan, you can go solo, or with the class.