

PBIO209 - Plant Ecology - reading and assignment schedule, Win2006

Week	Date	Lecture Topics	Reading	Assignments
Week 1	4-Jan	class intro		
	5-Jan	Ecology, Defined	Ch1	
	6-Jan	Types of Experiments, Types of Plant Ecology	Ch1	
Week 2	11-Jan	Physiology of the Individual	Ch2	
	12-Jan	Variations on the Photosynthetic Theme	Ch2	
	13-Jan	Plant Water Relations	Ch3	
Week 3	17-Jan	Plant energy balance	Ch3	
	18-Jan	Soils	Ch4	
	19-Jan	Nutrition and Belowground Dynamics	Ch4	
	21 Jan -Field trip 1			
Week 4	24-Jan	Natural Selection, Heritability, Patterns of Adaptation	Ch5	FT#1 writeup due
	25-Jan Exam 1, covering Ch 1-4			
	26-Jan	Guest Lecture		
Week 5	1-Feb	Ecotypes, plasticity, Convergent Evolution, Speciation	Ch6	Short Writing Assignment #1 due
	2-Feb	Plant population growth & structure	Ch7	
	3-Feb	Plant demography, rarity, and conservation	Ch7	
	2/4/2006-Field trip 2			
Week 6	8-Feb	Plant Growth and Reproduction	Ch8	FT#2 writeup due
	9-Feb	Pollination and seed dispersal	Ch8	
	10-Feb	Plant life histories and classification	Ch9	
Week 7	15-Feb	Disturbance and succession	Ch13	
	16-Feb Exam 2, covering Ch 5-9			
	17-Feb	no class		
Week 8	22-Feb	Plant Community - pattern + process	Ch 10	
	23-Feb	Herbivory, Plant Defenses, Pathogens	Ch 11	
	24-Feb	Diversity	Ch14	
	2/25/2006-Field trip 3			
Week 9	1-Mar	Ecosystem Processes	Ch15	FT#3 writeup due
	2-Mar Exam 3, covering Ch 10-14			
	3-Mar	Climate and Physiognomy	Ch18	
Week 10	8-Mar	Biomes	Ch19	Short Writing Assignment #2 due
	9-Mar	Global Change: history, relevance, future?	Ch 21, 22	
	10-Mar	Course evaluations, and class synthesis		

Final Exam = Thursday, March 16, at 12:20 p.m.