

Plant Ecology

BIOR34 autumn 2011
28th of October to 13th of January

Teachers

PAO Pål Axel Olsson (main teacher) tel. 222 4247, pal_axel.olsson@biol.lu.se

BS	Barbara Schmid	NC	Nils Cronberg
EH	Edith Hammer	SA	Stefan Andersson
HP	Honor Prentice	SR	Satu Ramula
HW	Håkan Wallander	TdH	Tina d'Hertefeldt
JB	Johanna Birgander		
JM	Josefin Madjidjian		

Room: Vitmossan

Attendance: Compulsory for introduction, seminars (S), tutorials (T), excursion (E) and lab work (Lb)

Literature

1. **Keddy, P. A. 2007. Plants and vegetation – origin, processes, consequences. Cambridge University Press.**
2. Selected papers

X: L=lecture, T=tutorial, S=seminar, E=excursion, D=department lecture (in Fagus),
Lb=lab work

Day	Date	Time	X	Title	Teachers	Lit.
Fri	28/10	9.15-11		Introduction	PAO	
		11.15-12	L	Lecture 1 Resources	PAO	3
		13.15-15	L	Lecture 1 Resources (and exp start)	PAO	3
Mo	31/10	9.15-12	L	Lecture 2 Stress	PAO, EH	4
		13.15-16		Home exam 1, Start Start Succession case		
Tue	1/11	9.15-11	L	Lecture 3 Competition	TdH	5
		11-12.30	S	Book Seminar: Resources	PAO	3
		13.30-16	T	Succession case	PAO	1-10
Wed	2/11	8.30-17		Excursion Österlen	PAO	
Thu	3/11					
Fri	4/11	9.15-11	L	Lecture 4 Disturbance	PAO	6
		11-12	S	Seminar: Excursion	PAO	
Mo	7/11	9.15-16	S	Seminar: CSR, the Grime model	PAO	4-6
Tue	8/11	9.15-16	T	Succession case	PAO	
Wed	9/11	9.15-12	L	Lecture 5 Herbivory and pollination	TdH, SA	7,8
		13.15-16	T	Evolutionary Plant Ecology	JM, SA	
Thu	10/11	9.15-12	T	Evolutionary Plant Ecology	SA, JM	7,8
Fri	11/11	9.15-12	T	Evolutionary Plant Ecology	SA, JM	7,8
		13.15-16	S	Presentation: Evolutionary Plant Ecology		

Mo	14/11	9.15-11 11.15-16	L T	Lecture 6 Positive interactions Succession case	PAO PAO	8
Tue	15/11	10.15-12 13.15-16	S T	Book seminar Positive interactions Succession case HAND IN	PAO PAO	8
Wed	16/11	9.15-12 13.15-16	L S	Lecture 7 Paleoecology and time Seminar: Paleoecology	NC NC	9 9
Thu	17/11	9.15-12	Lb	Plant competition lab	PAO, JB	
Fri	18/11	9.15-16	Lb	Plant competition lab	PAO, JB	
Mo	21/11	9.15-16	Lb	Plant competition lab	PAO	
Tue	22/11	9.15-16	Lb	Plant competition lab	PAO	
Wed	23/11	9.15-12	S	Plant competition presentations	PAO	
Thu	24/11	9.15-11	L	Lecture 8 Gradients	HW	10
Fri	25/11					
Mo	28/11	9.15-12	L/ T	Lecture 9 Population growth	SR	Crawley
Tue	29/11	9.15-12	L	Lecture 10 Population dynamics / Conservation	SR	Crawley
Wed	30/11	9.15-10 10.15-12 13.15-14 14.15-15	L L T T	The role of inbreeding in floral evolution Plant Conservation Biology Introduction to scientific papers Research at the Department	SA SA PAO PAO et al.	
Thu	1/12	12:00		Hand in Home Exam	PAO	
Fri	2/12	10-12.30		Vegetation Ecology Dissertation	Oliver Purschke	
Mo	5/12	9.15-12 13.15-17	L T	Lecture 9 Vegetation statistics Vegetation exercise	BS, HP BS, HP	10,11
Tue	6/12	9.15-17	T	Vegetation exercise	BS, HP	10,11
Wed	7/12	9.15-12 13.15-16	L T	Lecture 10 Diversity Vegetation ordination in R	HP, SR BS	11 10,11
Thu	8/12					
Fri	9/12	9.15-16	S	Scientific papers , Experimental design	PAO	
Mo	12/12					
Tue	13/12					
Wed	14/12	9.15-16 16.00	S	Scientific papers , Subjects Send in Home Exam I	SA PAO	
Thu	15/12					
Fri	16/12					
Mo	19/12					
Tue	20/12					
Wed	21/12	9.15-16	T	Exam	PAO	
Christmas Break						
Mo	9/1	9.15-10	T	How to write a scientific report Project	PAO	
Tue	10/1		T	Project	PAO	
Wed	11/1		T	Project	PAO	
		14.00		Hand in for peer review		
Thu	12/1	10.00 16.00	T	Project work peer review Hand in final report	PAO	
Fri	13/1	9.15-10 10.15-11 11.15-12	S T S	Project Discussion Response on reports Course evaluation	PAO PAO PAO	