

PROVISIONAL COURSE OUTLINE

			<u>Lecture topics</u>	<u>Laboratories</u>
T	Jan	6	Introduction	
R		8	The nature of taxonomy; naturalness	no laboratory
T		13	Contemporary taxonomic philosophies	
R		15	Taxonomic hierarchy	Keying: ferns
T		20	The plant kingdom & its Divisions	
R		22	Pre-Linnaean & folk taxonomy	Keying: gymnosperms
T		27	Linnaeus' contributions	
R		29	Post-Linnaean & contemporary taxonomy	Vegetative morphology
T	Feb	3	TERM TEST I	
R		5	Bessey's dicta	Basic floral morphology
T		10	Nomenclatural history and principles 1, 5 & 6	
R		12	Phytography & anatomy	Bessey's dicta
M-F	17-21		<i>Family day & reading week</i>	
T		24	Nomenclatural principle 2, 3 & 4	
R		26	Embryology	Wood
T	Mar	3	Nomenclatural problems	
R		5	Palynology	Fruits & seeds
T		10	TERM TEST II	
R		12	Experimental taxonomy	Pollen grains
T		17	Chemotaxonomy and molecular systematics	
R		19	Taxonomic steps, phenetics 1 [MONOGRAPH REVIEW DUE]	Greenhouse
T		24	Phenetic analysis (measuring similarity, clustering & ordination)	
R		26	Cladistic analysis (character polarity & Hennigian analysis)	Winter botany
T		31	Cladistic analysis (character compatibility & parsimony)	
R	Apr	2	Q & A review [LAB PROJECT DUE]	TERM TEST III
GRADING:			18% each for term tests I, II, & III 18% each for the monograph review and final lab report 10% for laboratory participation	

Lecture and Laboratory HANDOUTS: <http://courses.eeb.utoronto.ca/eeb330/> (to be downloaded before class)
[please note that the schedule on this web page dates from 2006 so the dates are obsolete — just find the corresponding lecture and laboratory titles for the appropriate handouts]

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