

LECTURE COURSE OUTLINE, ABORIGINAL ETHNOBOTANY, BIOL 3012

Texts:

Marles, R.J., Clavelle, C., Monteleone, L., and D. Burns. 2008. **Aboriginal Plant Use in Canada's Northwest Boreal Forest**. Natural Resources Canada. 369pp.

Judd, W.S., Campbell, C.S., Kellogg, E.A., Stevens, P.F., and M.J. Donoghue. 2016. **Plant Systematics: A Phylogenetic Approach**. Fourth Edition. Sinauer Associates, Sunderland, MA, USA. 678 pp.

Week of:	Topics	Reference Source
Sept. 4	Opening of Course with First Nation Elder; importance of plants to First Nations	Davidson-Hunt et al
Sept. 11	Holistic approach of Anishinaabe to Botany	Davidson-Hunt et al
Sept. 18	Anishinaabe Plant Classification; comparison to Linneus approach	Judd, Chapters 4,5
Sept. 25	Plant Taxonomy Basics	Judd, Chapters 4,5
Oct. 2	Traditional Plant Foods of Indigenous Peoples, Selected Examples, Term Test 1	Judd, Chapter 8, Marles

FALL READING WEEK, NO CLASSES OCT. 9-13

Oct. 16	Traditional Plant Foods of Indigenous Peoples, Selected Examples	Judd, Chapter 8, Marles
Oct. 23	Traditional Plant Foods of Indigenous Peoples, Selected Examples	Judd, Chapter 8, Marles
Oct. 30	Medicinal Plants of Indigenous Peoples Selected Examples, Term Test 2	Judd, Chapter 8, Marles
Nov. 6	Medicinal Plants of Indigenous Peoples Selected Examples	Judd, Chapter 8, Marles
Nov. 13	Use of Plants by Indigenous Peoples for Utilitarian Purposes, Selected Examples	Judd, Chapter 8, Marles
Nov. 20	Use of Plants by Indigenous Peoples for Utilitarian Purposes, Selected Examples	Judd, Chapter 8, Marles
Nov. 27	Term Test 3	

LAB COURSE OUTLINE, ABORIGINAL ETHNOBOTANY, BIOL 3012

Week of:	Laboratory Exercise
Sept. 4	Plant Collection for Dye Material
Sept. 11	“Three Sisters”, set up in greenhouse
Sept. 18	Rhizome Propagation of Selected Plants
Sept. 25	Taxonomy of Selected Plant Families used for Food (Rosaceae, Poaceae, Typhaceae)
Oct. 2	Taxonomy of Selected Plant Families used for Food (Grossulariaceae, Ericaceae, Pyrolaceae, Curcubitaceae)

FALL READING WEEK, NO CLASSES OCT. 9-13

Oct. 16	Taxonomy of Selected Plant Families used for Medicine (Asteraceae, Acoraceae, Araliaceae, Lamiaceae, Aristolochiaceae)
Oct. 23	Taxonomy of Selected Plant Families used for Utilitarian Purposes (Cupressaceae, Oleaceae, Betulaceae, Pinaceae, Aceraceae, Papaveraceae)
Oct. 30	Taxonomy Test
Nov. 6	Presentations and Facilitated Posters
Nov. 13	Screening methods used for Medicinal Plants
Nov. 20	Take down of “Three Sisters”, Rhizomes
Nov. 27	Use of Vegetation Dyes
Dec. 1	Assignments due

Mark allocation

Marks for this course are as follows:

LABORATORY	50%
LECTURE	50%
COURSE TOTAL	100%

The **lecture component** will be evaluated as follows:

Term Test 1	12%
Term Test 2	12%
Term Test 3	12%
Facilitated Poster	14%

All term tests will be written during class. Note the dates presented above are tentative. The facilitated poster presentation is to involve an aspect of Aboriginal Ethnobotany that is limited to North America. Posters and the presentation of them are conducted by groups of students. Consult with Dr. Lee to have your potential topic approved BEFORE starting.

Briefly, this project involves your group creating a poster about your topic and orally presenting the information on that poster to the class and guest judges. Additional details are presented in Lab 9. A marking rubric will be posted on Desire to Learn (D2L). There will also be an intra-group assessment to ensure that everyone participates fully.

The **laboratory component** will be evaluated as follows:

Taxonomy Test	20%
Lab Reports (2)	20%
Quizzes (3)/Lab Books	10%
