

Ethnobotany

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Lecture 1

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Course in general

Description

Course description

The field of ethnobotany studies the uses of plants by humans. This course will focus on the diversity of plant uses, covering approaches of diverse cultures, including plant uses specific to North Dakota, especially plant uses of Native Americans. Objectives are that students:

- will have integral picture of plant uses and their respective cultural background/histories;
- will be able to analyze information accompanying different plant-based products (including pharmaceutical);
- will know basic principles of plant cultivation, useful plant identification and survival based on plant use.

Students will demonstrate this knowledge in a classroom presentation at the beginning of lectures. Laboratories will concentrate on plant cultivation, collection, identification and databasing.

Instructor (me)

- Dr. Alexey Shipunov
- Office: Moore 229
- Any time agreed on by appointment; also, my office door is always open to students
- E-mail: alexey.shipunov@minotstateu.edu

Textbook : None.

Reference texts : Several reference texts will be available on-line. However, lectures are the main source of information. In addition, every student must read and memorize the main concepts of the **Introductory Botany** textbook (available online).

Course Web site

© Shipunov, A. Ethnobotany [Electronic resource]. 2011—onwards.
Mode of access: http://ashipunov.info/shipunov/school/biol_310

BIOL 310: Ethnobotany



Course materials:

- [Syllabus](#) (PDF, 0.14 Mb)
- Reference: [Introduction to Botany \(textbook, draft\)](#) (PDF, 10 Mb)
- Reference: [P. Zhukovskij "Cultivated plants and their wild relatives"](#) (DjVu*, 3.5 Mb)

- [Lecture 1](#) (PDF, 4.4 Mb)
- [Old lectures](#) (2011)
- [Old lectures](#) (2013)

- [Guidelines for Ethnobotany projects](#) (PDF, 0.1 Mb)

* DjVu is similar to PDF, but much smaller in size and created in AT&T specifically for scanned books. To read it, download and install viewer from [here](#) (Windows and Mac OS) or [here](#) (for Windows, Mac OS and Linux).

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http://ashipunov.info/shipunov/school/biol_310/

Know your Syllabus!

http://ashipunov.info/shipunov/school/biol_310/

Field trips and sub-sections

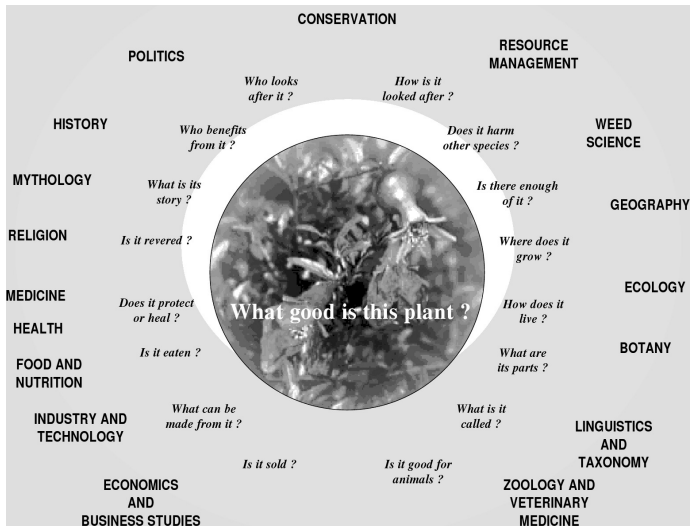
Ethnobotany

Introduction

Ethnobotany in general

- Ethnobotany is not a “pure” science, it is a multidisciplinary approach on the boundary of botany, genetics, evolution, history, anthropology and sociology
- It may be taught in strikingly different ways, and each ethnobotany course is different
- We will concentrate on plant uses along with evolutionary and historical aspects, and will emphasize the use of plants by Native Americans and useful prairie plants of North Dakota

Ethnobotanical matrix



Homework

- Download project guidelines, choose **3** plants
- Also, create your 4-digit class ID
- I will collect these on the next lecture

Summary

- Ethnobotany is a compound science including all aspects of plant use.

For Further Reading



A. Shipunov.

Ethnobotany [Electronic resource].

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