

Spring 2005 Special Topics Course

NR 491C / NR 595C: Plant Conservation



Ben Franklin tree (*Franklinia alatamaha*)

By the end of this course, students should be able to:

- recognize the natural and human-induced factors that cause plant species to be rare or imperiled.
- apply ecological and population genetics principles to evaluate the viability of plant species.



Venus' fly trap
(*Dionaea muscipula*)

- outline a conservation strategy for an imperiled or rare plant species.

For more information, contact the instructor, Kevin Potter, at kpotter@ncsu.edu, or visit www4.ncsu.edu/~kpotter/plants.htm.

Nearly one-fifth of the plant species native to the United States are of conservation concern, including 780 vulnerable to extinction.

The rarity of several of these species is the result of natural processes, while others are threatened by exotic pathogens and pests, or by direct human impacts.

This course will examine the factors that cause plants to be rare or imperiled, and the strategies employed to improve their long-term viability.

2 credit hours

**11:20 a.m.-12:10 p.m.
Mondays and Wednesdays**



American chestnut (*Castanea dentata*)