

Plant Collection Assignment

Summer Flora (EEB 4272) 2014

The Collection Assignment will be 20% of your final grade for this class. It will be graded on completeness, neatness, and accuracy of identification. You will share a plant press with one other student, make sure you keep track of your press and which specimens are your own. For this assignment, you will need to collect:

- 10-12 specimens total
- 5 of these specimens will need to be mounted on herbarium paper
- remaining 5-7 specimens pressed in newspaper, with printed labels on standard paper

Labels should include:

- Species name (Latin and common)
- Family
- Locality information (town, state, park, road...GPS if you have it!)
- Collector name
- Collection date
- Description/growth form (large tree, shrub, herb, etc.)
- Habitat (field, near stream, forest, etc.)
- Phenology (flowering, fruiting, vegetative)

Where to collect specimens:

Collections are not to be done from state parks or private residences (even your own!). Roadsides, open land, and campus are fair game. Also, no collecting rare or endangered plants—you may check the Connecticut DEEP website in advance.

I am looking for a little diversity in your samples: specimens should each be of different species, preferably covering many different families and growth forms. Don't bring me 5 different species of oak!

This assignment is due the last day of class, **Wednesday July 2**. Samples will need to dry in the oven, so collections should be in lab and ready to dry by **Friday June 27**. I will arrange for times to mount specimens in lab on Monday, Tuesday, and Wednesday June 30-July 2.

Resources:

George Safford Torrey Herbarium

<http://bgbaseserver.eeb.uconn.edu/index.htm>

CT DEEP threatened plants

http://www.ct.gov/deep/cwp/view.asp?a=2702&q=323482&deepNav_GID=1628

How to Mount Herbarium Vouchers

<http://www.flmnh.ufl.edu/herbarium/voucher.htm>