

Invasive/Endangered Plant Assignment

Summer Flora (EEB 4272) 2014

One major goal of science is to communicate with the public in a way that is understandable and relatable to everyday life. The objective of the Invasive/Endangered assignment is to learn about one plant species in New England that is either endangered or highly invasive, and to summarize that information in a concise manner for public dissemination.

You are to design either a pamphlet or a flyer that describes your species of interest (including common and Latin names and family), as well as its morphology (vegetative and reproductive), diagnostic characteristics, geographic distribution, flowering times, etc. Pictures are very helpful for identification (perhaps with labels) as well as verbal descriptions.

After describing the species, you must then say what makes it invasive or endangered: does it spread/grow quickly in disturbed habitats? Has anthropogenic disturbance reduced its habitat? What makes this plant a problem, and is the plant useful to humans in an economic or aesthetic sense?

Finally, give advice for controlling invasives or protecting endangered plants: what do you do when you encounter this plant? What is the future outlook?

This assignment is worth 20 points (equal to two quizzes), and is due **Wednesday June 25**. It should be either in pamphlet/brochure or flyer form (front & back): be concise and make it legible and pleasing to the eye. Make people interested in what you're telling them!

Note: Make sure you use proper citations, with at least 4 different sources. Use your own wording (no long direct quotes). Use APA style citations, last name and year in text, full citation at end in alphabetical order. Use books or valid websites, NO blogs, NO Wikipedia, etc. Improper citation will lead to a rewrite plus 10% deduction from grade. Blatant plagiarism will result in a zero!

Resources:

New England Wildflower Society (<http://www.newenglandwild.org/>)

CT Botanical Society (<http://www.ct-botanical-society.org/>)

CT DEEP Threatened Plants
(http://www.ct.gov/deep/cwp/view.asp?a=2702&q=323482&deepNav_GID=1628)

Invasive Plant Atlas of New England (<http://www.eddmaps.org/ipane/>)

APA citation <http://www.library.cornell.edu/resrch/citmanage/apa>