

ES 10: May 4, 2001
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Invasive species

- I. Definitions—what do we mean by "exotic", "invasive", "weed", etc?
- II. Why we study invasive species . . .
- III. Methods of introduction—how did they get (t)here in the first place?
- IV. Yeah, well, so they're here. So what? Why should I care? What do they do that is so horrible? After all, some of them are kinda pretty...a.k.a., Effects of invasive species
- V. Prediction: how can we tell if a species will become invasive or if a community will become invaded?
 - A. Characteristics of invasive species
 - B. Characteristics of invaded communities
- VI. Control
 - A. Pre-introduction
 - B. Post-introduction

Definitions:

Exotic: 1. Strange or different in a way that is striking or fascinating; 2. Foreign, not native

Native species: a species that arrived at its current location independent of humans

Non-native species: a species that arrived at its current location due to human intervention

Weed: an organism that is troublesome, unwanted, or interfering with one's management goals

Invasive species: an exotic species whose introduction does or is likely to cause economic or environmental harm or harm to human health