

## **Ecosystem Services: Benefits Supplied by Natural Ecosystems**

- Purification of air and water
- Mitigation of droughts and floods
- Generation and preservation of soils
- Cycling and movement of nutrients
- Partial stabilization of climate

ESA <u>Issues in Ecology</u>, #2, 1997

## **Ecosystem Services: Benefits Supplied by Natural Ecosystems**

- Maintenance of biodiversity
- Pollination of crops and natural vegetation
- Dispersal of seeds through the landscape
- Control of the vast majority of potential agricultural pests
- Aesthetic beauty and intellectual stimulation for the community

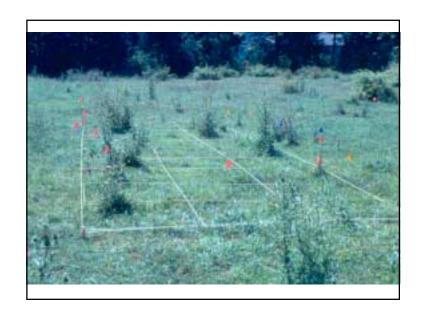
ESA <u>Issues in Ecology</u>, #2, 1997

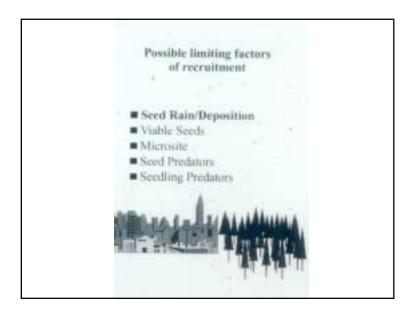






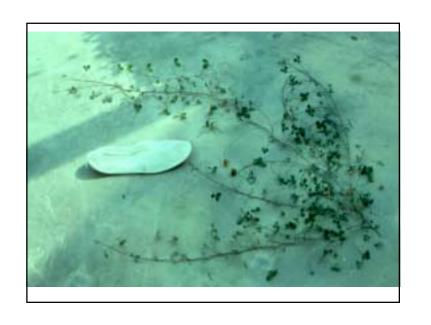
















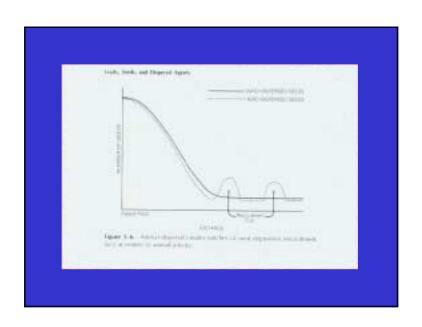












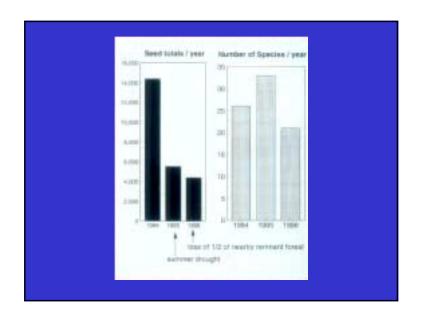






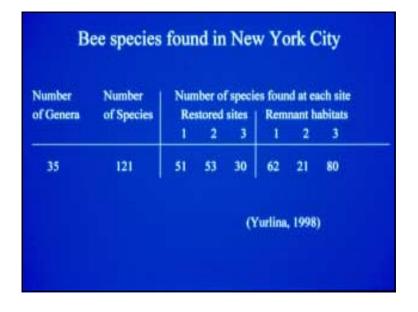






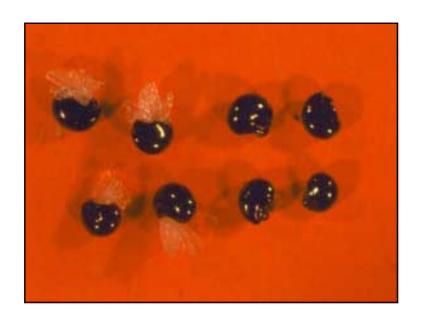
















Restoration and Scientific Progress
Reproductive ecology (numbers, genetics)
Community assembly (tempo, sequence)
Biotic invasions (species, impact)
Interactions among populations (movement of species)

Restoration and Public Needs
Partner to conservation
Buffering natural populations
Supporting ecosystem processes
Habitat links and corridors
Learning management needs for preserves

