RHODE ISLAND
NATURAL HISTORY SURVEY
Providing Ecosystem Science and Information

R. I. Conservation Stewardship Collaborative
(**www.ricsc.org**)

Money and Attention for Land already in Conservation
Collaborative Model with Seven Partners
Funding Mechanism ($2 mil at RI Found.)
Able to Tackle Bigger Issues

The Nature Conservancy
Protecting nature. Preserving life.™

U.S. FISH & WILDLIFE SERVICE

RHODE ISLAND
NATURAL HISTORY SURVEY
Providing Ecosystem Science and Information

D·E·M

Rhode Island
Land Trust Council

THE
UNIVERSITY
OF RHODE ISLAND
COLLEGE OF
THE ENVIRONMENT
AND LIFE SCIENCES

Invasive Species Preparedness 2010

Funded by the RI Conservation Stewardship Collaborative

Early Detection

Response

Regional Participation

Outreach

Planning

= Invasive Species Preparedness

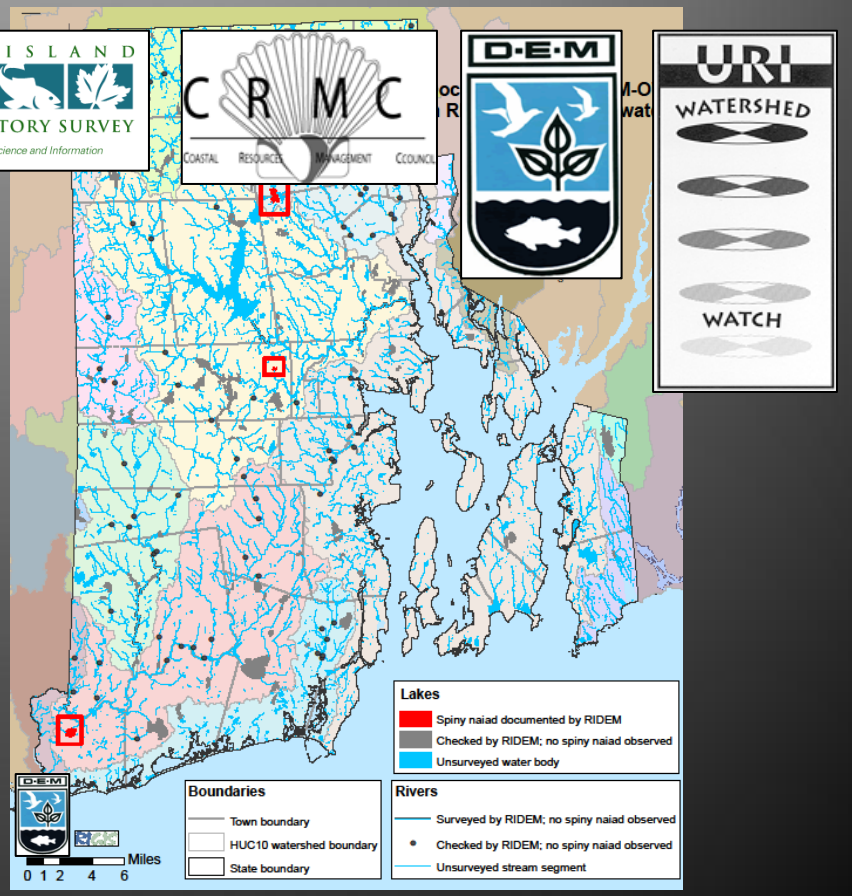
What's an ounce of prevention worth?

Invasive Species Preparedness 2010

Funded by the RI Conservation Stewardship Collaborative

- Early Detection
- Response
- Regional Participation
- Outreach
- Planning

Invasive Aquatic Plant Surveys and Maps



Invasive Species Preparedness 2010

Funded by the RI Conservation Stewardship Collaborative

Early Detection

Response

Regional Participation

Outreach

Planning

Water Chestnut
Mile-A-Minute Vine
Stilt Grass

Invasive Species Preparedness 2010

Funded by the RI Conservation Stewardship Collaborative

Early Detection

Response

Regional Participation

Outreach

Planning

Connecticut Invasive Plant Working Group

NEANS
NORTHEAST AQUATIC NUISANCE SPECIES PANEL

Northeast IPM Invasive Species Workshop

THE UNIVERSITY OF RHODE ISLAND
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES
BIO CONTROL LAB

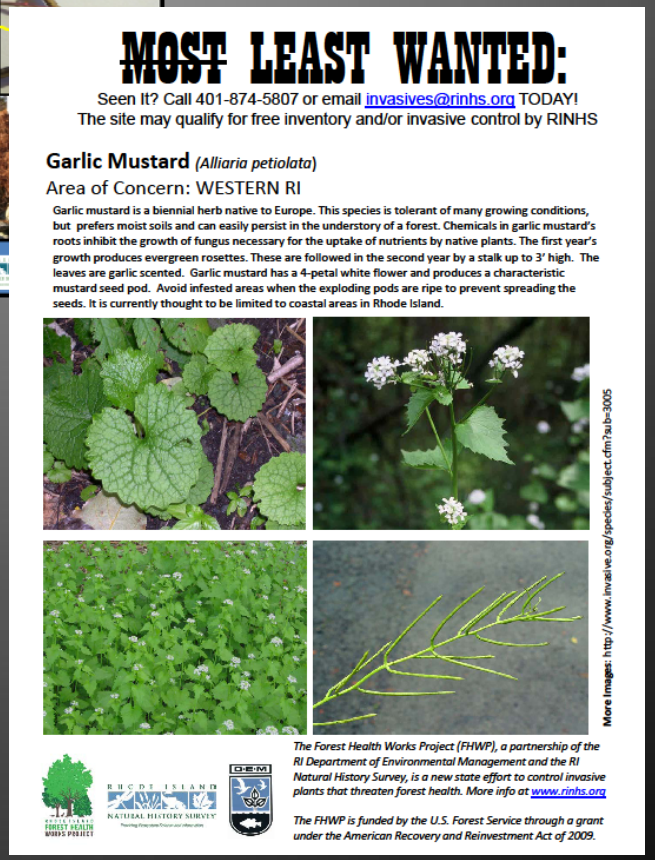
Cooperative Agricultural Pest Survey

USDA APHIS

Invasive Species Preparedness 2010

Funded by the RI Conservation Stewardship Collaborative

- Early Detection
- Response
- Regional Participation
- **Outreach**
- Planning



Over two dozen presentations, including at the Land & Water Summit

Invasive Species Preparedness 2010

Funded by the RI Conservation Stewardship Collaborative

Early Detection

Response

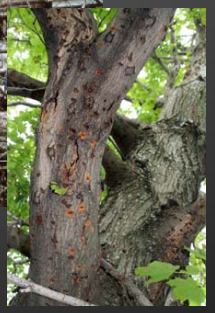
Regional Participation

Outreach

Planning

Invasive Species Indicator Project

Earth Day at the State House
Tuesday, April 27, 2011, 2:00 p.m.



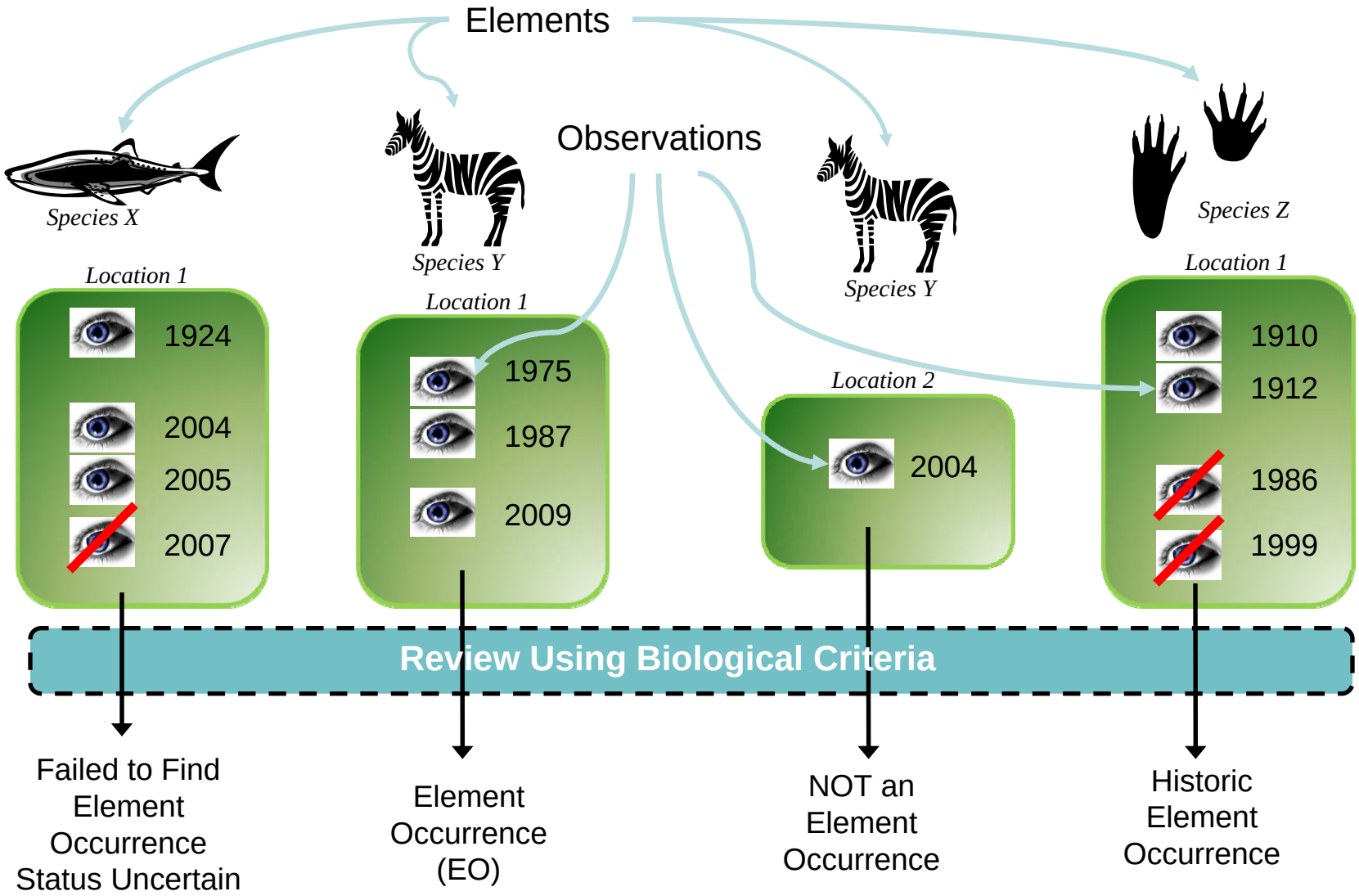
NARRAGANSETT BAY ESTUARY PROGRAM

COASTAL INSTITUTE

Biodiversity Data Management

Thanks to RICSC support

Tracking Species Viability in Space and Time



Species You Want to Track

Observations of Species at a Particular Place and Time

E.O.

Places with Viable Populations of a Species

Species You Want to Track

Observations of Species at a Particular Place and Time

E.O.

Places with Viable Populations of a Species

Genus and species
Common name
Taxonomic serial number
National status
State status
Other statuses

Species You Want to Track

Observations of Species at a Particular Place and Time

E.O. Places with Viable Populations of a Species

Genus and species
Common name
Taxonomic serial number
National status
State status
Other statuses

Who
Where
When
Description
  How many indivs
  Threats
  Observed extent
Evidence
  Photos, specimens, etc.
Notes
Sensitivity
Quality control
Versioning

Species You Want to Track

Observations of Species at a Particular Place and Time

E.O. Places with Viable Populations of a Species

Genus and species
Common name
Taxonomic serial number
National status
State status
Other statuses

Who
Where
When
Description
  How many indivs
  Threats
  Observed extent
Evidence
  Photos, specimens, etc.
Notes
Sensitivity
Quality control
Versioning

Viability criteria
Scientific judgment
Inferred extent
Feeds back into
  which species you track

Species You Want to Track

Observations of Species at a Particular Place and Time

E.O. Places with Viable Populations of a Species

Minimum Data

Genus and species
Common name
Taxonomic serial number
National status
State status
Other statuses

Who
Where
When
Description
- How many indivs
- Threats
- Observed extent

Evidence
- Photos, specimens, etc.

Notes
Sensitivity
Quality control
Versioning

Viability criteria
Scientific judgment
Inferred extent
Feeds back into
- which species you track

Minimum Data

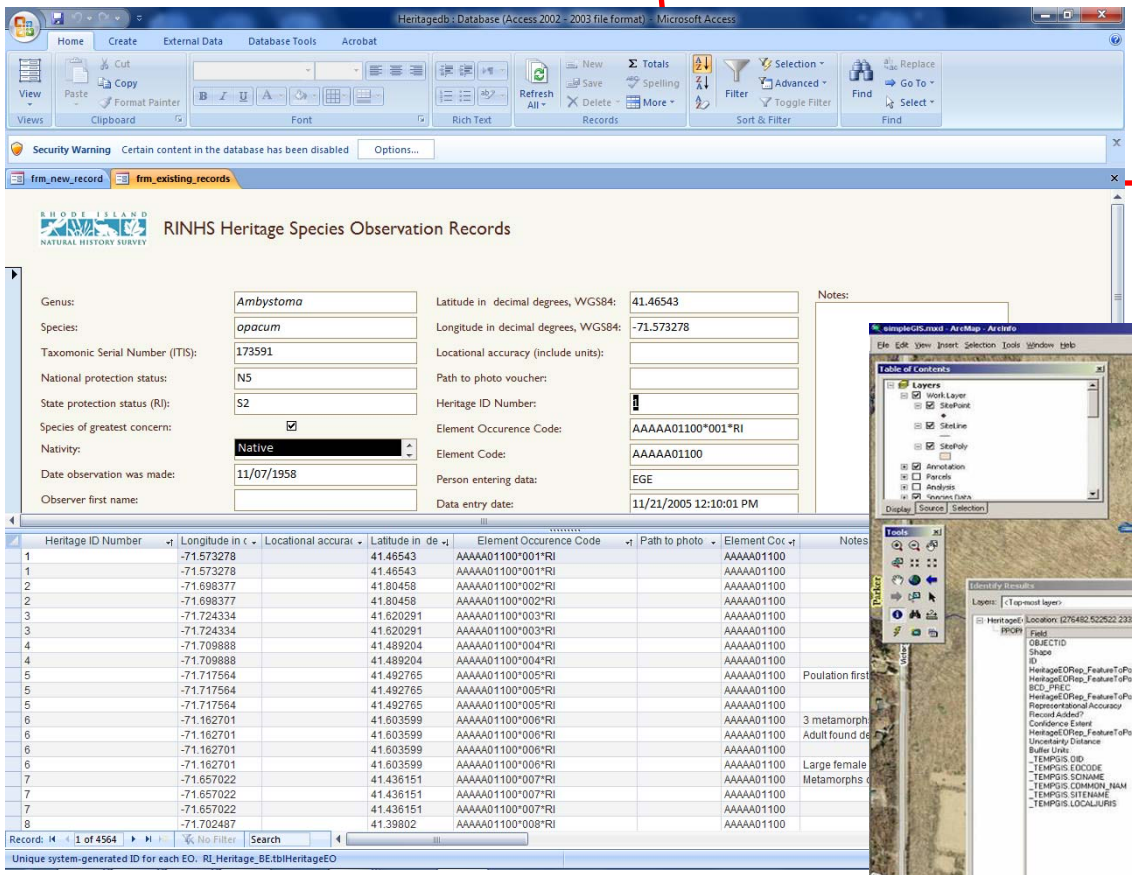
Genus and species
Common name
Taxonomic serial number
National status
State status
Other statuses

Who
Where
When
Description
- How many indivs
- Threats
- Observed extent

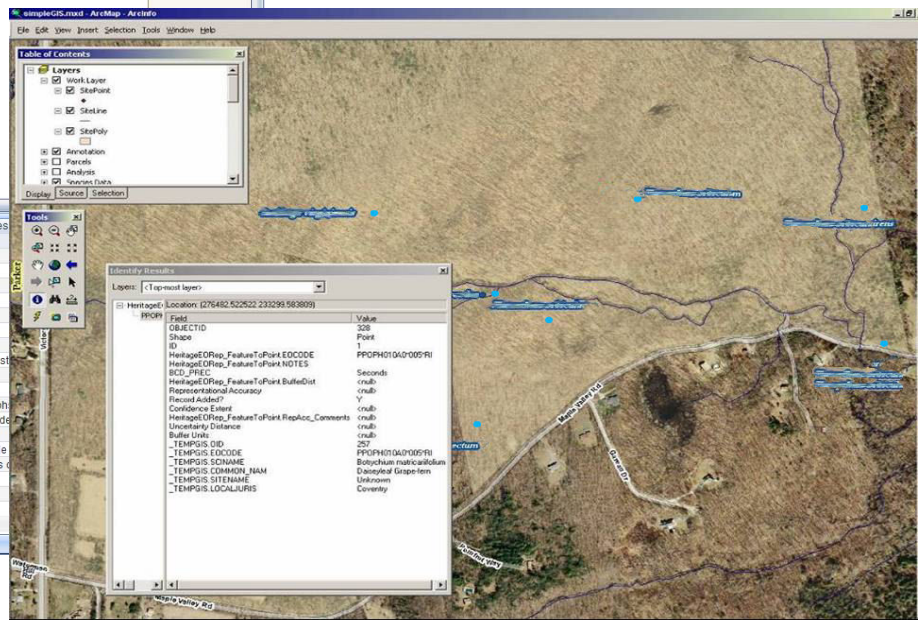
Evidence
- Photos, specimens, etc.

Notes
Sensitivity
Quality control
Versioning

Data Form (early version)



Mapping



AUDIENCE PARTICIPATION TIME

How will YOU get access? In what form will the data be available to you?

What's the future of E.O.s?

What species to track besides Heritage listed species?

What priority to put on revisiting sites?

How to track natural communities?

What other information might be useful?