Augmenting early detection systems with volunteers

Cladonema radiatum M. Stierwald

### Outline

- Brief history
- ED guidelines
- Care & feeding of volunteers
- Musings on an approach
  - targets
  - the hook
  - process
- Question



Myocastor coypus

### History

- Review of ED & RR plan
- Leslie takes charge
  - split ED & RR
  - revise RR plan
  - list sources of volunteers
  - draft reporting form
  - envision role for E&O WG
  - voluntell me to wave my arms



Lophopodella carteri T. Ricciardi

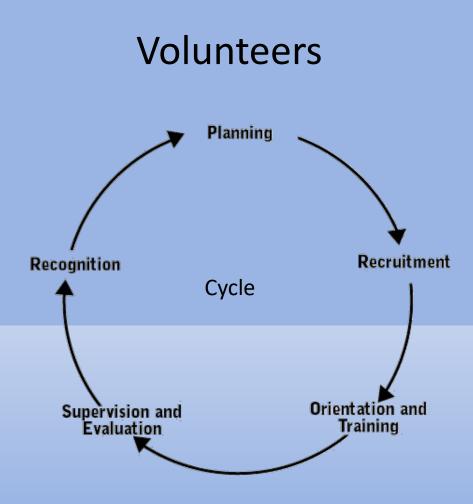
#### ED



General Guidelines for the Establishment & Evaluation of Invasive Species Early Detection & Rapid Response Systems

Version 1. June 2003

- Detection networks
  - active: hot spots & species
  - passive: opportunistic
  - syndromic: problem not cause
  - ecological: changing drivers
  - integrated: synergistic
- Data
  - rigorous: baseline & change
  - verified: real, new, moved, ...
  - vouchered: taxonomically sound
  - accessible: user-friendly
- People
  - involved: meaningful participation
  - trained: ongoing
  - linked: lessons learnt



Gettin' good players is easy. Gettin' 'em to play together is the hard part. Casey Stengel

- Planning
  - buy-in
  - job descriptions
  - policies & procedures
  - internal education
- Recruitment
  - reach
  - attract
- Orientation & Training
- Supervision & Evaluation
  - job done well
  - volunteers satisfied
- Recognition
  - informal
  - formal

### Targets

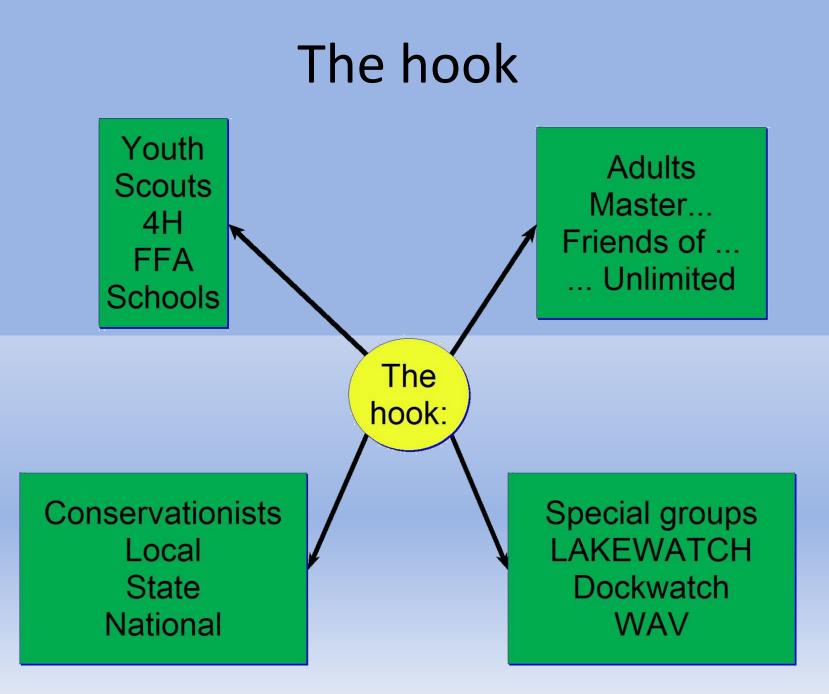
- Friends of ...
  - local
  - state
  - national
- ... Unlimited
- Conservation groups
  - local
  - state
  - national
- Master ...

- Youth groups
  - Girl Scouts
  - Boy Scouts
  - 4H
  - FFA
- Schools
- Specially formed groups
  - Dockwatch
  - Lakewatch
  - WAV

# The hook:

### The hook

- "Canned" presentation
  - definitions
  - situation
  - concerns
  - value of early detection
  - potential roles
    - passive
    - active
- Potential GSARP contribution
  - PowerPoint
  - video



### Process

- Mix & match
  - opportunistic
  - scheduled
- Trust & verify
  - reporting form
  - field visit
  - taxonomic experts
  - database
- ACTION
- Feedback & feedout

	Aqualic Invasive Species						
	Sighting Report						
This form should be filled out by	the person, g	group, or age	ncy receiving	the notification	n of a possib	e Aquatic Inv	asive Species Date/Initials
Date agency first notified:							
Name of person who received notification:							
Response action taken:							
Species ultimately confirmed as:							
Sighting as Reported By:							
Name:				Telephone:			
Address:				Email:			
				Date/Time of Sighting:			
							Date/Initials
Type of Plant or Animal:							
Species / Common Name:							
Number of Individuals Spotted or Approximate							
Area of Infestation:							
Have you sighted it before?							
Waterbody Name:							
Waterbody Location:							
GPS Coordinates or Lat/Long (if unknown please describe location):							
Situation that led to sighting:							
Method of collection (e.g. trawl, trap, etc.):							
Bottom / sediment type?							
Photos taken? *photos are encouraged							
Has specimen been preserved? If so, how?							
*animal specimens should be stored on ice							
Availability/location of comparison species for identification:							
Additional Comments:							

Aquatic Invasive Species

## Question

What can/will we do as a Panel & via our organizations?

Pterois volitans D. DeMaria