

The State of Invasive Species:



Trends in Laws and Regulations in the U.S.

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Association of Fish & Wildlife Agencies





The Voice of Fish & Wildlife Agencies

represents

North America's fish and wildlife agencies

promotes

sound management and conservation policy

speaks

with a collective voice at the national level





Our Committees

Contribute their expertise on

more than 60 committees,
50 State Fish & Wildlife Agencies &
subcommittees and working groups...
the District of Columbia

Agricultural Conservation ▪ Angler/Boater Participation

Bird Conservation ▪ Climate Change ▪ Education/Outreach/
Diversity ▪ Energy & Wildlife Policy ▪ Federal & Tribal
Relations

Fish & Wildlife Health ▪ Fish & Wildlife Trust Funds ▪
Fisheries/

Water Resources Policy ▪ Hunting/Shooting Sports
Participation

International Relations ▪ **Invasive Species** ▪ Law
Enforcement

Leadership/Professional Development ▪ Legal ▪
Legislative/

2 Mexican States
Federal Budget ▪ Science & Research ▪ Strategic Issues

Sustainable Wildlife Use ▪ Teaming With Wildlife

Threatened/Endangered Species Policy ▪ Wildlife
Research

Policy ▪ Amphibians & Reptiles ▪ Diversity ▪ Drug Approval
Biofuels ▪ CEAP ▪ Coal Energy ▪ CRP ▪ CSP

Climate Change/Wildlife Action Plan ▪ Conservation
Participation

4 Regional Fish & Wildlife
Associations
Education ▪ FOIA ▪ FSA/Climate Change ▪ Federal/State CITES

Federal Lands Access ▪ Forestry ▪ Furbearer Resources
Management ▪ Human/Wildlife Conflict ▪ Interstate Wildlife

Violator Compact ▪ Landowner Incentives Program ▪ Lead
and

Fish & Wildlife Health ▪ Conservation Compliance ▪
Marine

Fisheries ▪ Migratory Shore & Inland Game Bird ▪ Nuclear





Mission

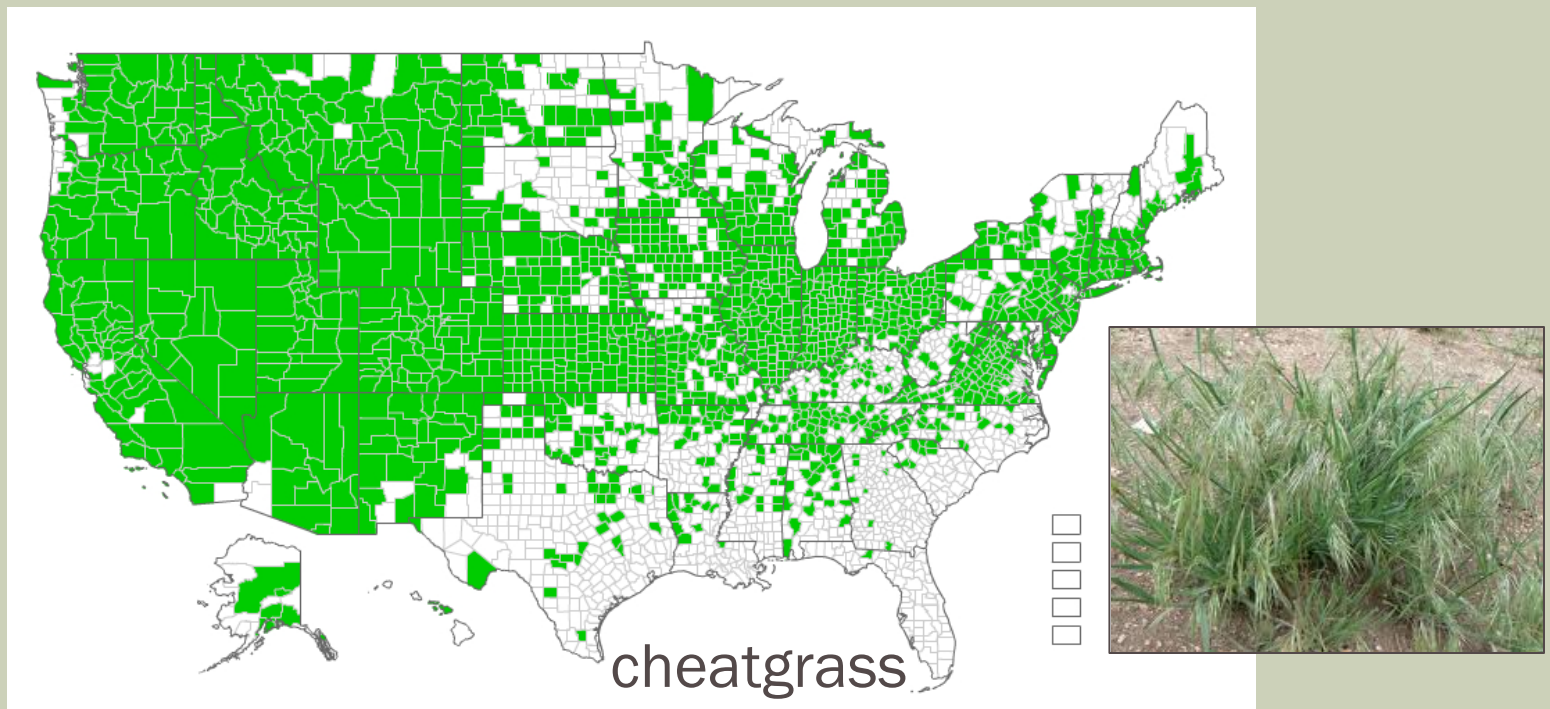


Protect	Promote	Strengthen
State, provincial & territorial authority	Sound resource management	Government & private cooperation

**... to *conserve* fish and wildlife and their
habitats in the public interest.**

Impacts of Invasive Species

- **60++ million acres** of land and water in US
- Cost **\$120B** annually to American taxpayers



- But... control and management occurs **jurisdictionally**

Challenges?

- **50** State governments
- **50** sets of statutes, policies & regulations
- Lack of **Capacity and \$\$**

Principles of the North American Model For Wildlife Conservation

- Wildlife has value when alive
- Uncontrolled use leading to depletion or extinction is unacceptable
- Wildlife is a public resource: Governments conserve for future generations
- Wildlife can be perpetuated with sustainable use

**EXACT OPPOSITE PRINCIPLES NEEDED FOR
INVASIVE SPECIES MANAGEMENT!**

AFWA Invasive Species Committee

Legal/Regulatory Report

- **Compilation of existing laws and regulations**
 - **Movement, possession, sale**
 - **Aquatic animals & plants**
 - **Terrestrial animals & plants**
 - **Invertebrates**
 - **Pathogens**
 - **Exotic pets**
- **20+ states drafted to date**
- **Summary table of other agencies with authority**

AFWA Invasive Species Committee

Legal/Regulatory Report

CO Parks & Wildlife Example

Agency	All	Aquatic animals (ANS)	Aquatic inverts (ANS)	Aquatic weeds (ANS, W)	Pathogens (P)	Terrestrial animals (P)	Terrestrial weeds (P, W)	Terrestrial invertebrates (P)	Exotic pets (P)
Department of Natural Resources: Colorado Parks and Wildlife		✓	✓	✓	✓	✓	✓	✓	✓
Department of Agriculture: Conservation Services Division and Plant Industry Division		✓		✓		✓	✓	✓	✓

ANS = Aquatic Nuisance Species
 W = Weeds
 P = Pests

INFORMATION PRESENTED IN REPORT

■ **Summary Table**

- Agency with Authority for:
 - Aquatics
 - Pathogens
 - Terrestrials
 - Exotic Pets

■ **General**

- Summary of Approach
- Legal Definitions
- White List/Black List
- Regulation Change Process

■ **Coordination**

- Staffing
- Partnerships
- I/S Management Plans
- Methods of take, limits, seasons, reporting requirements, use of report data & links to applicable code



INFORMATION PRESENTED IN REPORT

■ **Terrestrial Programs**

- Animals
- Plants
- Invertebrates
- Exotic Pets

■ **Aquatic Programs**

- Animals
- Plants
- Invertebrates
- Exotic Pets
- Aquaculture



INFORMATION PRESENTED IN REPORT

■ Subcategories

- Prevention
- Regulation
- Control & Management
- Enforcement

■ Boating Regulations

- Ballast
- Recreational
- Summary Table
 - Inspection
 - Quarantine
 - Sticker/Labeling systems
 - Containment/Positive Water Closures



INFORMATION PRESENTED IN REPORT

- **Diseases and Pathogens**

- Policies in place?

- **Program Funding**

- Sources

- **Successful Case Study**

- Example of efforts that have worked well



PRELIMINARY FINDINGS



State approaches and regulations vary!

Prohibited or “Black” List

AR, CA, CO (2 lists, one specific to watercraft), **FL, ID, LA, NJ** (plant seeds), **TN** (plants)

Allowed or “White” List

AR (aquaculture), **CO** (stocking), **MD, OR, TN** (freshwater aquatics)

PRELIMINARY FINDINGS: DEFINITIONS



- Invasive: CA, ID, LA, OR
- Non-Native: CA, CO, FL, MD, OR, RI
- Native: AR, CA, MD,
- AIS or ANS: CA, CO, ID, LA, NM, OK
- Pests: AR, CO, FL, KS, LA, MD, ME, ND, NM, RI, TN
- Weeds: AR, CO, FL, KS, LA, MD, ME, ND, NJ, NM, RI

PRELIMINARY FINDINGS: RECREATIONAL BOATING

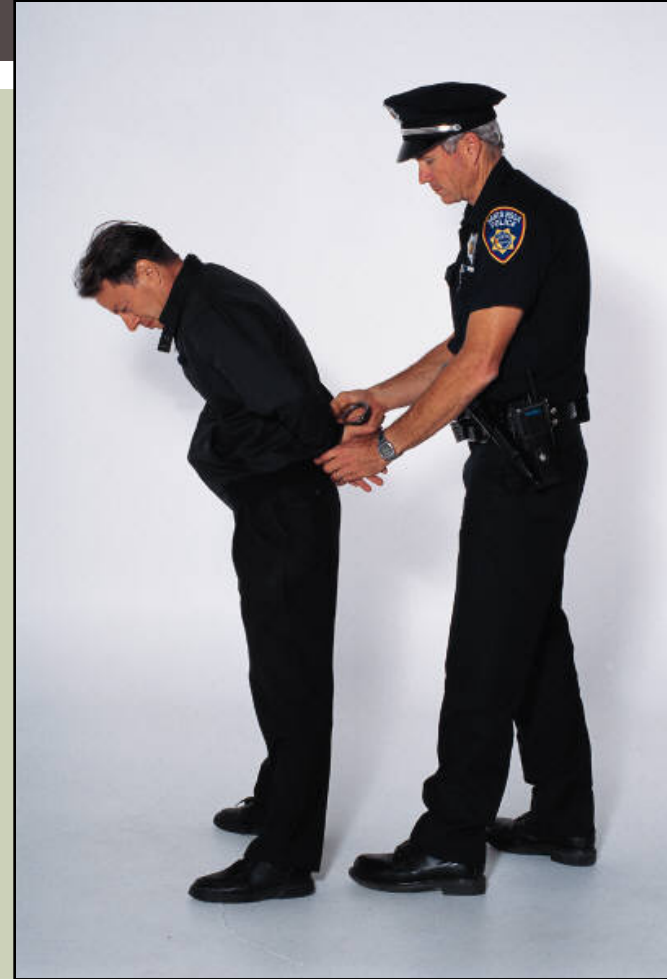
- Inspections (Mandatory/Voluntary)
 - CO, MD
- Clean prior to transport
 - CA, ND, NM, OR
- Clean before leaving waters
 - CO (positive), ND
- Positive waters closed to boaters
 - CA
- Seals to verify inspection/passed
 - CO



M. McCormick

PRELIMINARY FINDINGS: FINES OR PENALTIES

- Possession of black-list species
 - \$500-\$2000 (AR)
- Unauthorized release of non-native species
 - \$2000-\$5000 (CA)



REPORT: POTENTIAL USES

Tool for states to

- Learn from other states' approaches
- Examine their state's relative role in invasive species management
- Facilitate communication & collaboration among states to address challenges in regulating and managing invasive species
- Modify existing regulations as necessary

REPORT: POTENTIAL USES

Quick reference for

- Law Enforcement, Administrators & Biologists
- Outreach and education for constituents
- Determining jurisdictional authorities
- Understanding adjacent states' policies on:
 - White/Black lists
 - Recreational boating approaches
 - Funding sources

NEXT STEPS

- Flesh out draft state accounts over summer
- Initiate States' review
- Draft remaining state accounts
- Conduct remaining reviews
- Finalize/format for electronic publication – Goal is September 2013
- Develop initial recommendations for **model approaches** to invasive species management

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QUESTIONS?



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