

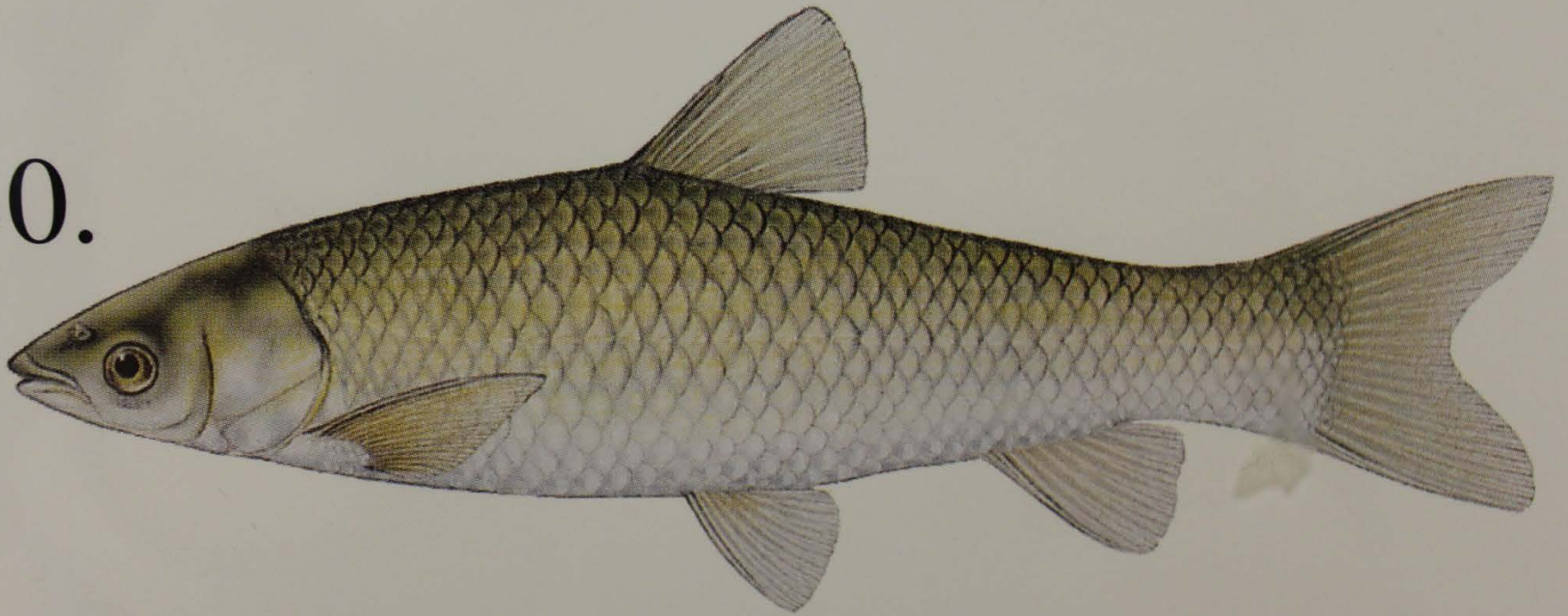
Update on the Efforts to Switch All States Over to Triploid Grass Carp

Dennis Riecke

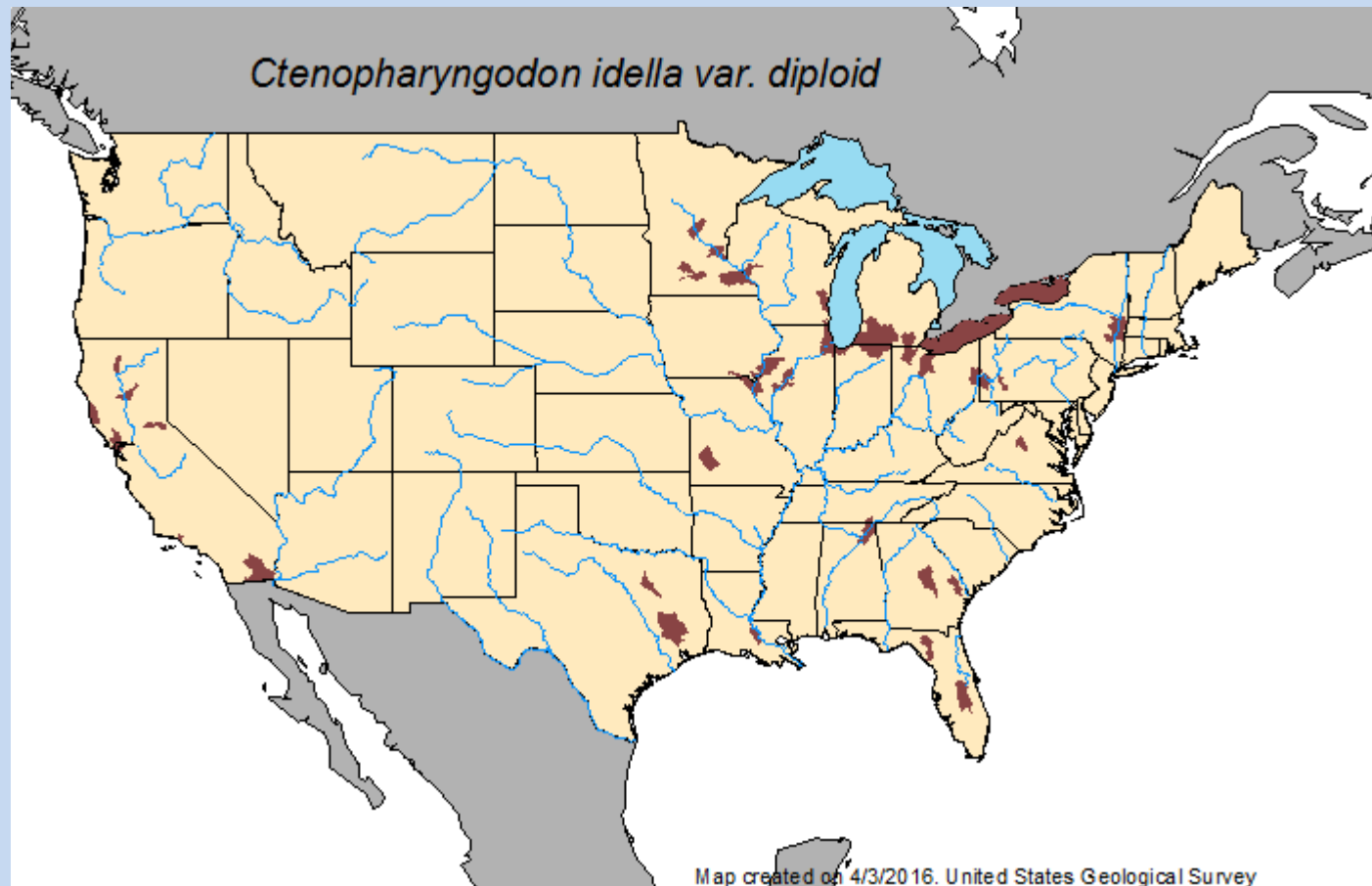
Miss. Dept. of Wildlife, Fisheries, and Parks – Jackson



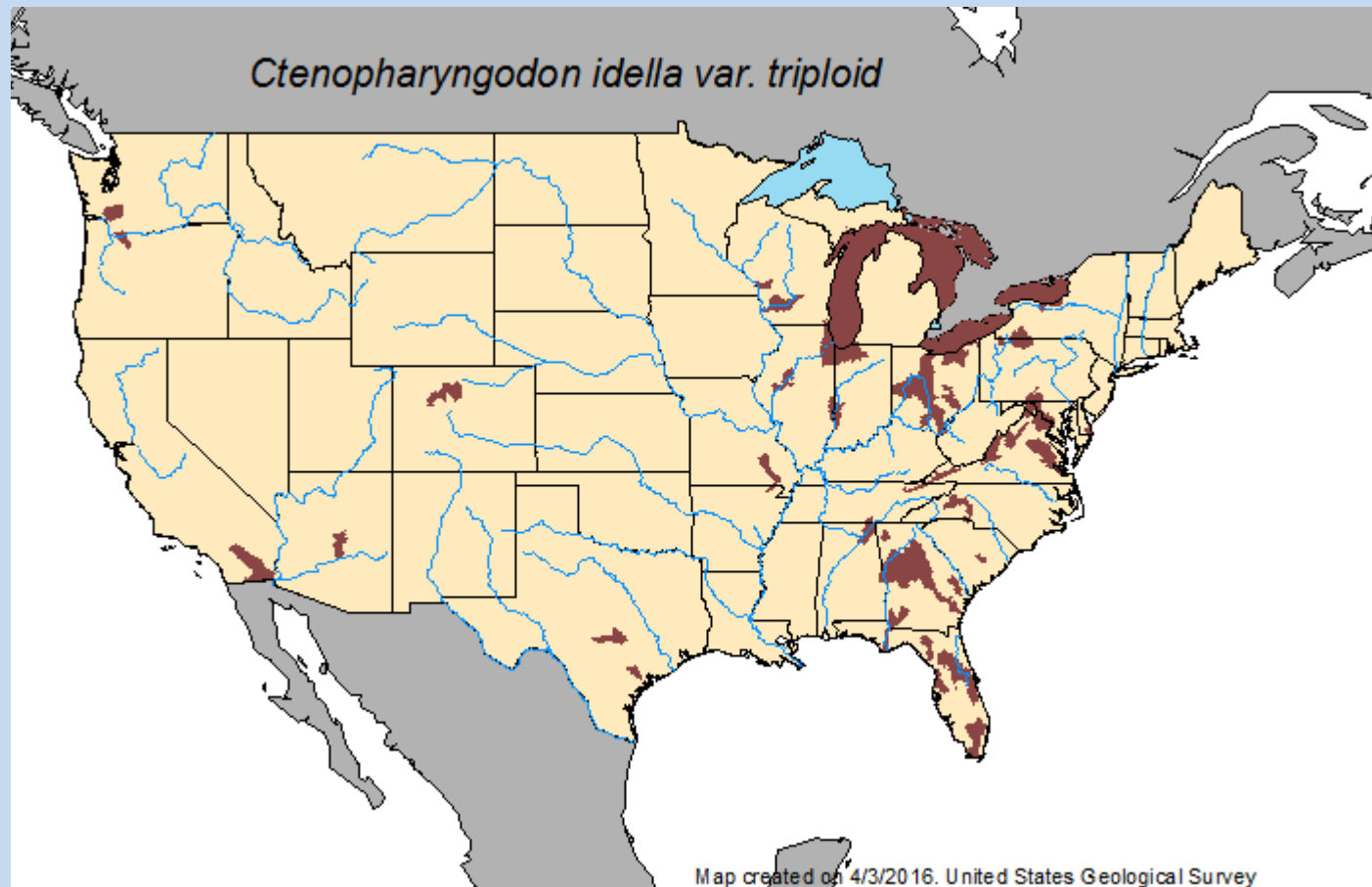
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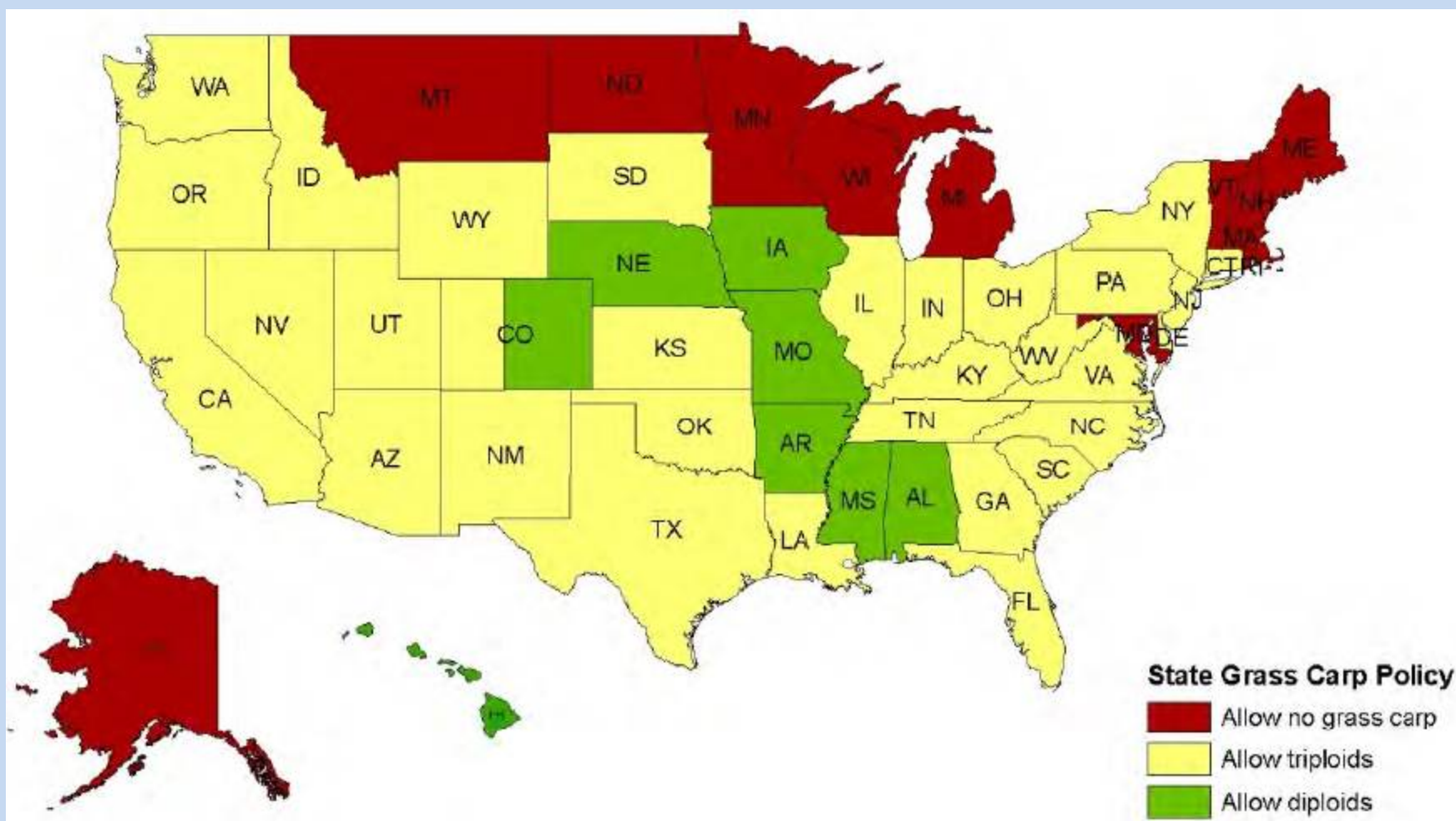


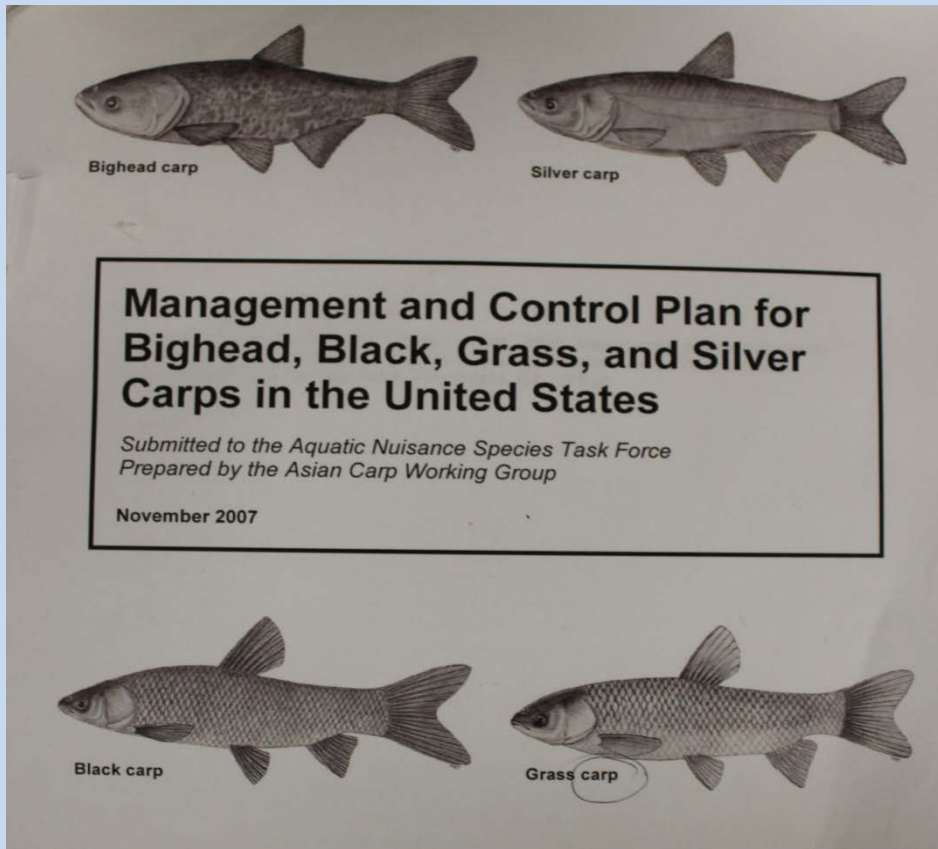
Diploid Grass Carp Distribution



Triploid Grass Carp Distribution







48 Strategies

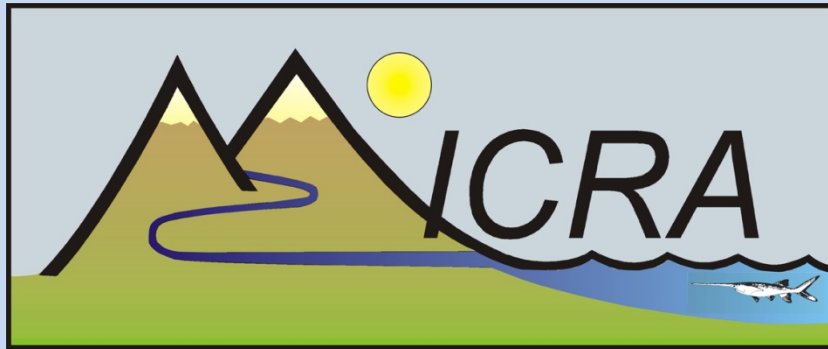
131
Recommendations

Estimated cost to
implement is
286 million over 20
years

Recommendation 3.1.6.1:

The USFWS should seek an Independent scientific
review and evaluation of the Triploid Grass Carp
Inspection and Certification Program

- ❖ States know contaminated shipments of supposedly 100% triploid grass carp have occurred.
- ❖ Where is the problem?
- ❖ Questions asked. Finger pointing to others.



Mississippi Interstate Cooperative Resource Association

Decides to work on some priority recommendations in the *Management and Control Plan for Bighead, Black, Grass and Silver Carps in the United States*.

Expand the scope of the independent scientific review of the grass carp inspection program to cover legal use of diploid Grass Carp, producers, shippers, distributors and federal and state law enforcement efforts to touch all aspects of the grass carp stocking industry.

**USFWS Funded (\$108,000) this project
using:**

- **MRBP = MS River Basin Panel on ANS
funds
and**
- **GLRI = Great Lakes Restoration
Initiative funds**

- ❖ USFWS hires MICRA as a contractor to produce a report
 - ❖ MICRA hires a private contractor to do the field work, produce a report
 - ❖ Private contractor does:
 - 300 phone interviews
 - 12 onsite visits in 7 states
- MICRA revises and submits report to
USFWS – February 2015

The use of grass carp (*Ctenopharyngodon idella*) in the United States:

Production, triploid certification, shipping, regulation, and stocking
recommendations for reducing spread throughout the United States



Report to the U.S. Fish and Wildlife Service
From the Mississippi Interstate Cooperative Resource Association

February 2015

Agreement #: F12AP00630

<http://www.micrarivers.org/resource-materials/micra-documents/category/15-micra-reports.html>

MICRA report contains 8 recommendations:

Recommendations 1- 5 are for state agencies

Recommendations 6-8 are for federal agencies

MRBP submits

recommendations 6-8 to ANSTF Nov. 2015:

► Modify scope of National Triploid Grass Carp Inspection & Certificate Prog. (NTGCIP) including direct participation of states & distributors.

- ▶ USFWS should work with states producers to develop ploidy testing procedures for quality control & law enforcement purposes in support of state random inspection programs.
- ▶ Develop and provide information about NTGCIP, regulations, BMP's for natural Resource managers, aquaculturists and the general public.

MICRA HOSTS MEETING OF DIPLOID STATES JULY 2015 – COLORADO

to:

1. Present Grass Carp Program report.
2. Summarize current regulations.
3. Discussion to identify difficulties to go 100% Triploid use.
4. Strategies to address those difficulties.

All diploid states (AL, AR, ½ CO, HI, IA, MS, MO, NE)
Were taking steps to eliminate the use of diploid
Grass carp in their management efforts.

MICRA REPORT – STATE RECOMMENDATIONS:

1. All states prohibit diploid grass carp use, import & export except diploid broodstock at permitted & licensed production facilities.
2. States allowing triploid production should develop a consistent set of minimum standards (SOPs, BMPs), permit requirements and record keeping for diploid broodstock.

MICRA REPORT – STATE RECOMMENDATIONS:

3. States that allow legal import of triploids should adopt consistent, uniform regulations that only allow USFWS certified triploids or equivalent state approved cert. programs.
4. Increase random inspections and enforcement of regulations in states allowing import of certified triploids.

MICRA REPORT – STATE RECOMMENDATIONS:

5. Improve the standards & regulations of the live Grass Carp shipping industry.

Next Steps

- MICRA:
 - Poll Mississippi River Basin states to determine if the proposed regulation change is important to other states
 - Work with the diploid grass carp states to compile their information needs and determine which are overarching needs that MICRA can help begin addressing
 - Contact the USFWS National Triploid Grass Carp Program to initiate a discussion regarding the recommendations in the MICRA grass carp report and the needs identified by the diploid grass carp states
 - Discuss the need for a rapid field ploidy test with USFWS
 - Host a grass carp symposium/meeting in conjunction with the American Fisheries Society meeting in Kansas City in August 2016
- Diploid states:
 - Change their agency practices and policies to eliminate the use and stocking of diploid grass carp by July 1, 2016
 - Work internally to understand the grass carp industry within their own states and identify additional needs
 - Meet following the AFS symposium to decide whether or not to move forward as a group to pursue the recommended regulation change to prohibit diploid grass carp

Acknowledgements:

Steve Shults, Illinois Dept. of Natural Resources

Greg Conover, USFWS, Marion, IL, MICRA & MRBP

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