WF4313/6613-Fisheries Management

Class 15- Yield Management Case Studies



Share your bay scallop input with the FWC; workshops scheduled for October

Thursday, October 05, 2017

Media contact: Amanda Nailey, 850-410-4943 or Amanda.Nailey@MyFWC.com

This summer, the Fiorida Fish and Wildlife Conservation Commission (FWC) implemented staggered season start and end dates for bay scaliop harvest. The FWC needs your feedback on this staggered season structure before determining how to manage the season in the future.

In the flucture.

The FWC will be hosting five public workshops including areas of the state where scallop harvest is allowed as well as in Pasco County, where harvest currently is not allowed. The goal of these workshops will be to gather input on the bay scallop fishery, including whether this year's staggered season made for a more enjoyable time on the water and whether it had any economic impact on the coastal communities that depend upon this fishery. Input from these workshops will be discussed at a future Commission meeting and will help the FWC determine what the bay scallop season structure should be in future.

Upcoming in-person workshops are scheduled as follows (scheduled 6 to 8 p.m. local time except for Port St. Joe):

- Oct. 12: Port St. Joe, Gulf County Board of County Commissioners, Robert M. Moore Administration Building, 1000 Cecil G. Costin Sr. Blvd. (this meeting only is from 5:30 to 7:30 pm, ET).
 Oct. 16: Steinhatchee, Steinhatchee Landing Resort, 2:19 NE Highway 51.
 Oct. 17: Land O'Lakes, Land O'Lakes, Recreation Complex, Meeting Rooms 3 & 4, 3032 Collier Parkway.
 Oct. 18: Crystal River, City Council Chambers, 123 NW Highway 19.
 Oct. 26: Carrabelle, Franklin County Senior Center, 201 NW Ave. F.

Goliath grouper in-person workshops scheduled for October; online workshops also available

Thursday, October 05, 2017

Media contact: Amanda Nalley, 850-410-4943 or Amanda.Nalley@MyFWC.com

The Florida Fish and Wildlife Conservation Commission (FWC) will continue gathering public input on the management of goliath grouper this month at several in-person workshops scheduled across the state. The FWC is seeking input on goliath grouper management, including the possibility of a limited harvest in Florida state waters.

A total of 16 in-person workshops will be held altogether, including workshops held previously in July and August.

For those who missed a workshop in their area or cannot make an in-person workshop, an on-demand virtual workshop is available. This newly-added online feature can be found on the public workshops webpage at MyFWC.com/Fishing by clicking on "Saltwater Fishing," "Public Comments/Workshops," and "Workshops," Once you've viewed the workshop, you can take a workshop survey, which is identical to a survey given at the in-person workshops, Additional written comments may be submitted online at MyFWC.com/SaltwaterComments.



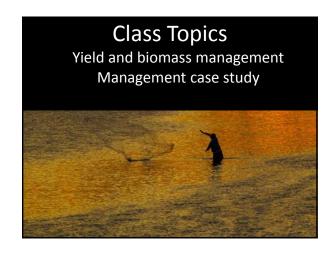


Announcement

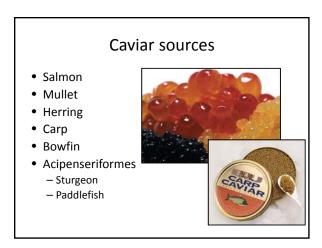
- 1. Lab tomorrow 10/3-Stream electrofishing
- 2. Waders, bug repellent, sunscreen, water

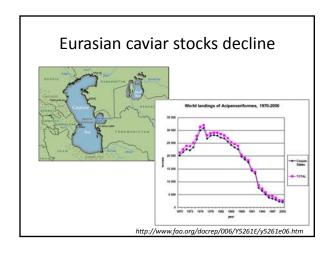


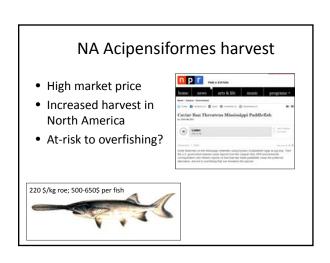
10/3-Group 1 Yasko, S Rush, H Gerhart, B. Yarber, C. Shannon, A. Wilson, A. Lundy, F. Woodyard, E. Munter, Z. Tipton, J. 10/10-Group 2 McAllister, B. Cook, M. Pigott, W. Thompson, W. Lucore, A. Virden, M. Hopson, E. Pettigrew, C. Roberson, H. Gammon, T.

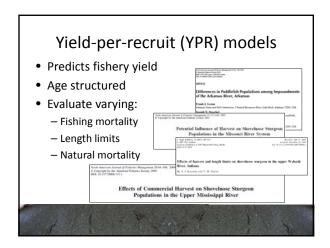


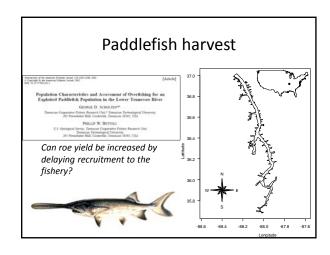


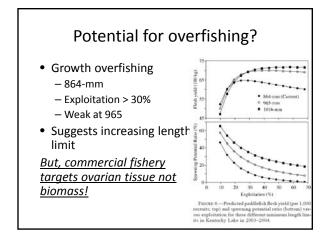


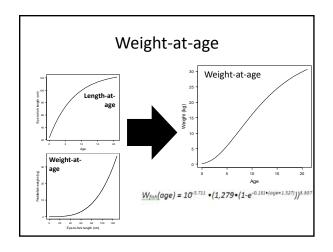


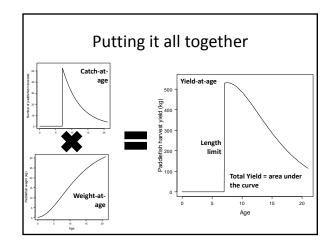


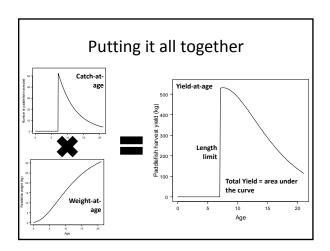


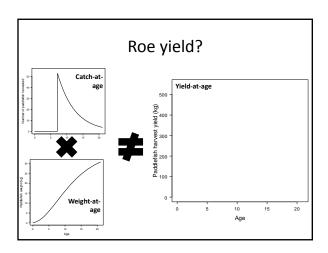


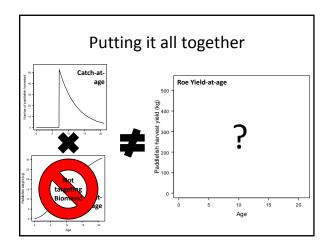


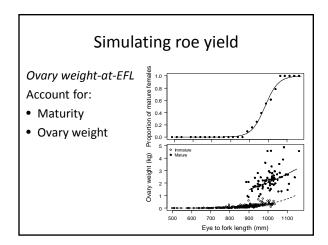


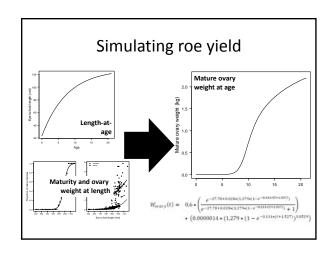


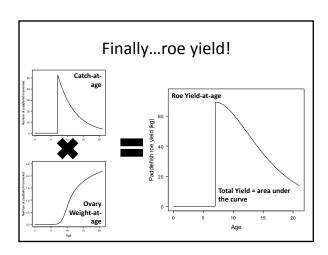


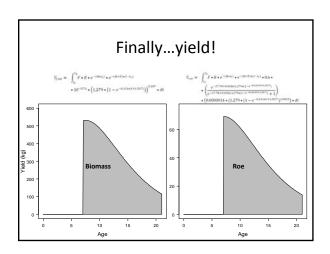


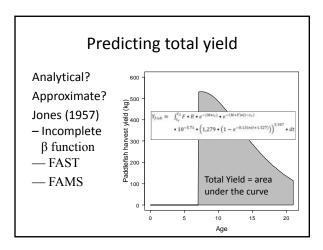


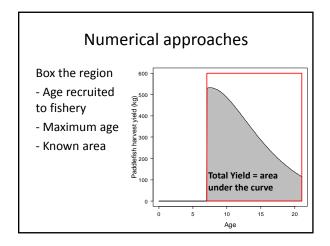


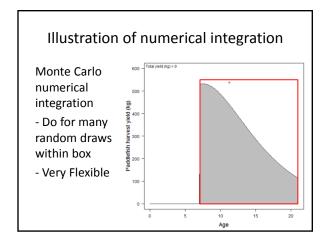


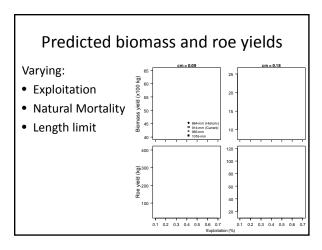


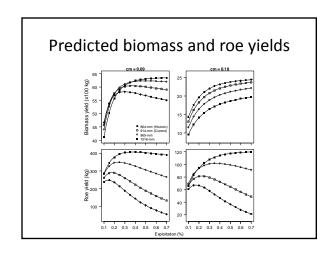


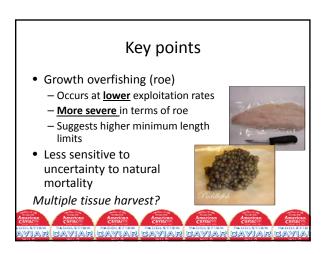


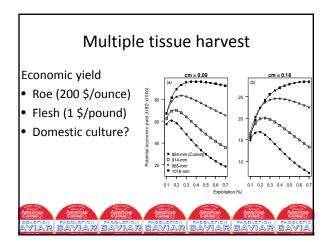






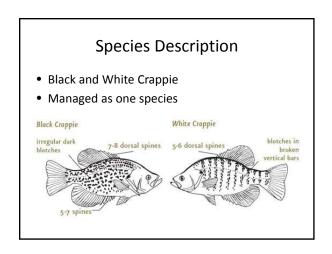












Study Area • 25 miles from Greenville MS in Washington County • One of state's largest natural lakes (5,000 acres) • World renowned crappie fishing

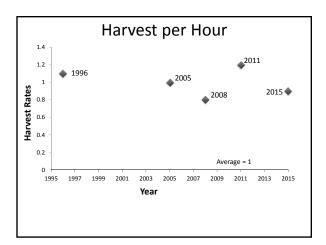


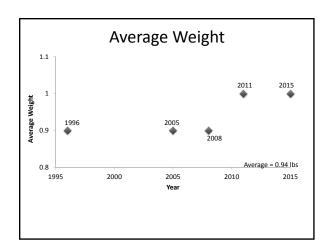
"5 Under Rule"

- Anglers allowed to keep 5 crappie under 10" limit
- Most say they would keep an 8" or above fish
- Provides subsistence

What is the problem?

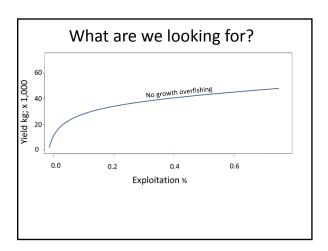
- 595 anglers sign petition
 - Increase length limit to 12"
 - Claimed catch rates and size had decreased
- Recreational anglers and subsistence anglers

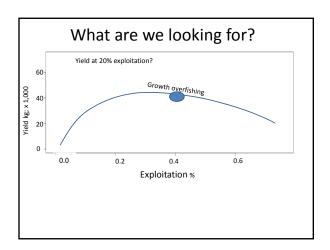


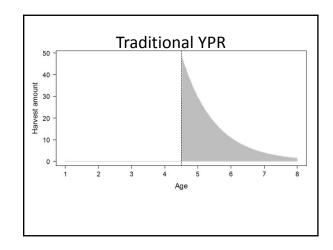


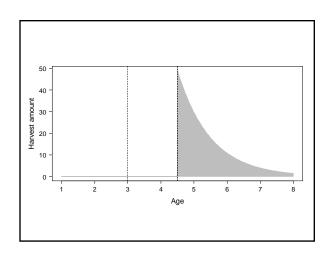
Objectives

- Evaluate potential for growth overfishing at current and proposed length limits
- Evaluate at different mortality rates between 8" and MLL
 - "5 under" rule











What we need?

- 1. Mortality
- 2. Length Weight Relationship
- 3. VBGF (Age & Growth)
- 4. Yield per Recruit Models

1. Mortality

- 66% annual mortality
 - Weighted catch curve done in 2012
- 41% annual exploitation rate
 - 400 tagged fish > 10"

2. Lengths & Weights

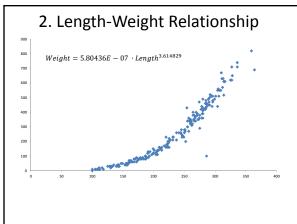
- Lead nets and trap nets
- 12 of each at 24 different locations





2. Lengths & Weights

- Every fish caught was measured
- Species other than crappie were released
- 5 crappie from each cm bin kept to be weighed

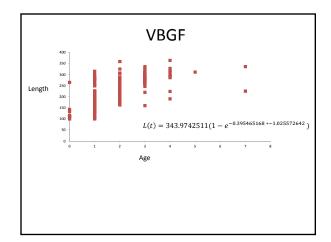




3. VBGF

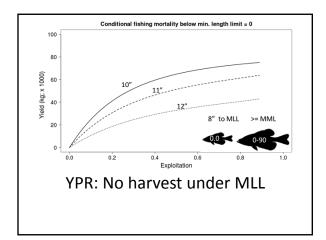
- Aged by 2 technicians and consensus reach when a disagreement occurred
- Ages used to make VBGF

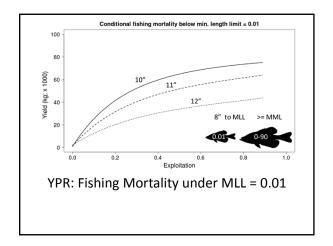


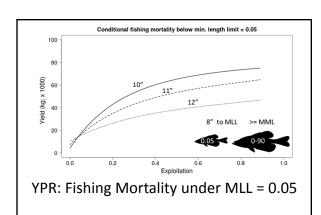


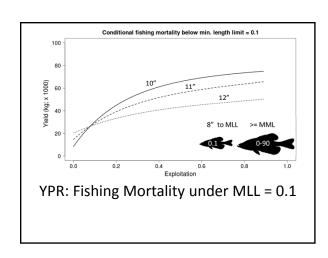
4. Models

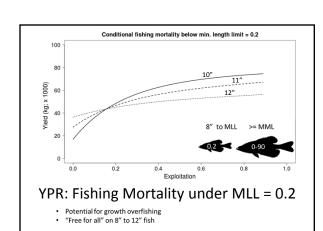
- Using length limits 10", 11", and 12"
- 5 models showing different rates of conditional fishing mortality below MLL
 - 0, 0.01, 0.05, 0.1, and 0.2
- Evaluate potential for growth overfishing

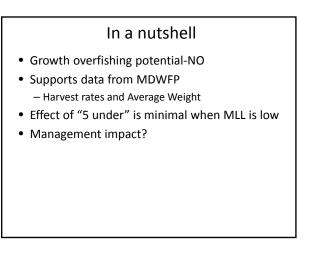












Thursday, May 26, 2016

Fishing Regulation Changes Approved for Lake Washington

In addition, anglers fishing with yo-yos are required to attend these fishing devices at all times. Afterd means that the anglers must remain in sight of the yo-yos if the gears are set and tabled or set and tropped. Anglers will be allowed to leave the y-yo-you stimed between the arm to 1 pm. To-yos must be tripped with the hook out of the water during this two hour time period. MIDWFP Law Enforcement of these have the authority is seen or consticute unathered unstripped yo-yos during this two hour period and unathered yo-yos during this two hour period and unathered yo-yos other times of the day.

The new regulations become effective on June 23, 2016.

For more information regarding fishing in Mississippi, visit our website at www.mdwfp.com or call us at (601) 432-2212.

Find us on Facebook & follow us on Twitter

Caveat emptor

• But on growth overfishing....



