



THE **OUTSIDE** IS IN US ALL.

Has Catch-and-Release Gone Overboard?

Assessment form for May/June 2020 "Has Catch-and-Release Gone Overboard? The case for harvesting trout."
(CCRA.R.10)

1. Who is the author of the article?
 - Zack Shattuck
 - Eric Roberts
 - Tom Dickson
 - FWP
2. What role does Eric Roberts play for FWP?
 - FWP Native Species Program coordinator
 - Fisheries Management Bureau chief with FWP
 - Game warden
 - Eric Roberts is not mentioned in the article
3. According to the article, what has the main role of fishing played in human history for the last 40,000 years?
 - Sport
 - Relaxation
 - To get food
 - Nature appreciation
4. According to the article, who was the first person to promote the idea of releasing fish in the late 1930s?
 - Zach Shattuck
 - Tom Dickson
 - Don Martinez
 - Lee Wulff

5. According to the article, what is one reason anglers first started supporting the idea of releasing fish?
- Anglers were noticing that fisheries were being overharvested and populations were declining
 - Anglers didn't know how to clean and fillet fish
 - Anglers switched from bait fishing to fly fishing
 - Anglers didn't want to be harassed on social media
6. Why did FWP enact new regulations banning the use of treble hooks on all three forks of the Flathead River?
- Treble hooks do not work on cutthroat trout
 - To make it easier to release trout to protect low-density cutthroat populations
 - To keep bait fishermen out of the Flathead River system
 - To prevent foot injuries from lost treble hooks
7. What is the best definition for "biological carrying capacity?"
- The amount of weight a fish can eat
 - The amount of weight a fish can carry
 - The total weight, or poundage, of fish that a river or stream can support
 - The amount of weight an angler can carry
8. According to David Schmetterling, what is one theoretical way to increase the average size of fish in a river?
- By increasing the food supply in the river
 - By providing fish with growth hormones
 - By harvesting the smaller fish in the river so that there's more food for the remaining fish
 - By promoting catch-and-release

9. According to the article, what would be the purpose of harvesting brook trout, browns, and rainbows in a river that has westslope cutthroat?
- To protect the vulnerable westslope cutthroat from competition or hybridization by the other species
 - To encourage larger fish size
 - To promote more fish consumption by anglers
 - The article does not mention westslope cutthroat trout
10. What is the main cause of “incidental mortality” of released fish?
- Bald eagles feeding on released fish
 - A combination of water temperatures over 72 degrees and mishandling of fish
 - Releasing fish with their belly up
 - The article does not mention “incidental mortality”
11. Roughly how many released fish on the Madison River do FWP biologists estimate die after being released?
- 8% per year
 - 72 per year
 - 32,000 per year
 - 0 fish per year
12. How is the following statement used in the article? “The idea of playing with things for your own enjoyment while they go through great anguish and suffering is fundamentally wrong.”
- Some people view the act of fishing as having fun with animals
 - Some people view catching and releasing fish as harassing fish for fun
 - Some people view harvesting fish for food as torturing animals
 - All fishermen are cruel to animals
13. According to the article, what is “harvest shaming?”
- When a farmer feels bad about his corn harvest
 - When an angler keeps more fish than the legal limit
 - When an angler shames another angler for keeping a fish
 - When a dry-fly purist angler fishes with a bait angler

14. How can an angler determine if it is okay to keep a fish from a Montana body of water?

- By checking the FWP regulations
- By counting the number of people fishing
- By making an educated guess
- Anglers are not allowed to keep fish in Montana

Get your boots on the ground and dig deeper!

Research

Use a digital copy or paper copy of the most recent Montana fishing regulations to answer all the following questions

Digital copy: <http://fwp.mt.gov/fish/regulations/>

(Check page 9 for pages of various subjects.)



15. On what pages can fishing definitions be found?
16. In the definitions section, define a “dressed fish”
17. In the definitions section, define “legally taken”
18. At what age do kids need a fishing license to fish in Montana?
19. In the Western Fishing District, how many lines can an angler fish with at the same time?
20. In the Western Fishing District, are crossbows legal for fishing?
21. In the Western Fishing District, what kinds of live bait are legal to use on waters not restricted to artificial lures only?
22. In the Eastern Fishing District, how many lines can one ice fishing angler fish with at the same time?
23. In the Central Fishing District, how many trout can an angler keep between Holter Dam and Cascade Bridge on the Missouri River?
24. Use the rest of your time exploring the Montana fishing regulations. Select one stream, river, or reservoir that you’d like to fish someday and write down at least one of the listed regulations for that water.



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