

APPENDIX 1

**INTRODUCTORY LETTER, SURVEY COVER LETTERS,
REMINDER POSTCARD, AND QUESTION & ANSWER SHEET**



Cooperative Human Dimensions Initiative

**Colorado
State**
University

Human Dimensions Section
Colorado Division of Wildlife
6060 Broadway
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Human Dimensions in Natural
Resources Unit
College of Natural Resources
Colorado State University
Ft. Collins, CO 80523
(970) 491-7729
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October 1997

Dear Colorado Angler:

The Colorado Division of Wildlife is facing some decisions about how to manage fishing and fishery resources into the future. As you might have heard, a trout parasite that causes whirling disease has been found in Colorado, and is present in some of the hatcheries that supply fish for stocking in Colorado waters. Cleaning up whirling disease and maintaining disease-free hatcheries will increase the cost of the fish stocking program and put even more strain on an already tight budget.

To make good decisions about fish management, the Division of Wildlife needs to hear what anglers think about fishing as it is now and what they think about possible changes to fishing in the future. We have asked Colorado State University to survey Colorado anglers to help us learn what they think. **In about a week you will receive a letter and a questionnaire from them.**

I hope you will view the survey as serious business, and a chance to give your input and opinions about fishing in Colorado. I also hope you will enjoy this opportunity to tell us what you think about your fishing experiences. We want to make fishing in Colorado the best it can be. To do that we need your help.

Once again, look for the questionnaire from Colorado State University in about a week. I hope you will view this as an important matter, and take some of your time to complete the questionnaire as best you can. Thank you in advance for your help.

Sincerely,

Robin F. Knox
Sportfish Program Manager
Colorado Division of Wildlife



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November 1997

Dear Colorado Angler:

About a week ago, I wrote you about the enclosed questionnaire. We need your help with this special survey of Colorado resident anglers.

Completing the questionnaire will take some time and effort on your part, but the information is needed by the Division of Wildlife to make decisions about managing the sportfish recreation program in the future. I hope you will view the effort as important, and a chance to give your input and opinions about fishing in Colorado.

You are part of a scientifically chosen sample of resident Colorado anglers. For the survey to be successful we need to hear from all types of anglers, even if they fished only one or two days or not at all. Your answers about where and how you fish, and your opinions on the issues, are important because they represent the views of other anglers like yourself. Please be as thorough and complete as you can when you answer the questions because incomplete questionnaires detract from the value of the data. **Please return your completed questionnaire in the enclosed postage-paid envelope by December 8.** Everything you tell us is confidential; only the compiled results will be reported. Each questionnaire is numbered to help keep track of returns. Your name and address will not be connected with the completed questionnaire.

We have asked Colorado State University to help us with this survey. They are collecting the information from anglers; then they will coordinate the data analysis and report their findings to the Division of Wildlife. A page of questions you might have about this survey is included along with our answers. However, if you have more questions, please feel free to contact me. My address and phone number are at the bottom of the Question and Answer page.

Thank you in advance for your time and effort in completing the questionnaire. Your help is greatly appreciated.

Sincerely,

Robin F. Knox
Sportfish Program Manager
Colorado Division of Wildlife

Why are you doing this study?

The Colorado Division of Wildlife is facing some tough decisions about what to do with their sportfishing programs. The Division needs input from people who fish and use their programs. Studies like this one can provide that input and give the Division information about how much benefit people receive from fishing in Colorado. They also provide up-to-date information about what anglers think about potential changes to some programs.

Who is getting this questionnaire?

This questionnaire is being sent to a sample of resident fishing license holders. The sample was selected in such a way that it will be representative of all Colorado resident anglers.

How will the information be used?

The information we get from anglers who answer the questionnaire will be reported to the Colorado Division of Wildlife Leadership and the Colorado Wildlife Commission for use in their decision-making process. It will also be used by the Division of Wildlife staff to help make recommendations for possible program changes.

It is not a popularity contest to put any one type of fishing above any other. We need everyone's input so all uses and all points of view can be considered.

Will this information be used to raise fishing license fees?

We'd like to say "no," but truthfully, raising fees is one of the options being considered over the long term. Even before whirling disease was found in Colorado, fishing license sales were not completely covering the cost of the State's fish program. Now that whirling disease needs to be dealt with, the gap between revenues and costs is even greater. Because of that, the fish stocking program and level of license fees cannot continue as they are now. But there are decisions to be made about exactly what to do and when to do it. Feedback from anglers will help any fee increase to be structured and administered in as fair a way as possible.

Can I get a copy of the results?

Yes. Analyzing the data and compiling the results will take several months but we'll be glad to send you a copy. If you want one, write **copy of results requested** on the back of the return envelope **and print your name and address** below it. **Do not** write your name or address on the questionnaire itself so we can keep names and questionnaires completely separate.

Who do I call if I have further questions?

If you have further questions about why we are doing this survey, please contact Robin Knox, Sportfish Program Manager, Colorado Division of Wildlife, 6060 Broadway, Denver, CO 80216. His phone number is (303) 291-7362.

About a week ago, we sent you a questionnaire about fishing in Colorado. If you have already filled it out and returned it, please accept our thanks.

If you have not gotten to it yet, please take some time to fill out the questionnaire and return it. Your responses to the questionnaire are important because they represent the views of many anglers like yourself, and the Division of Wildlife needs to hear those views.

If for some reason you did not receive a questionnaire, please call me and I will send one out right away. Thanks again.

Michelle Haefele
Project Manager
(970) 491-6872



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January 1998

Dear Colorado Angler:

In early December I wrote you about a survey of Colorado resident anglers and asked for your help. Included with the letter was a questionnaire that asked about how and where you fished, and your opinions about several issues that face the Colorado Division of Wildlife over the next few years. As of January 6, we haven't heard back from you.

Completing the questionnaire will take some time and effort on your part, but the information is needed by the Division of Wildlife to make decisions about managing the sportfish program in the future. The fact of the matter is that resource management decisions need to be made and will be made. Better decisions can be made, though, if anglers' views are represented. That's why we need your help.

The accuracy of any results from this survey depends on input from all types of anglers, even if they fished only one or two days or not at all. Your answers about where and how you fish, and your opinions on the issues, are important because they represent the views of other anglers like yourself. A copy of the questionnaire is enclosed in case the first one got misplaced. **Please fill out the questionnaire and return it in the enclosed business reply envelope as soon as you can.** Try to answer all the questions as best you can because incomplete questionnaires detract from the value of the data. Everything you tell us is confidential; only the compiled results will be reported. The questionnaires are numbered only to keep track of returns. Your name and address will not be connected with the completed questionnaire.

A page of questions you might have about this survey is included along with our answers. However, if you have more questions, please feel free to contact me. My address and phone number are at the bottom of the Question and Answer page.

Thank you in advance for your time and effort in completing the questionnaire. Your help is greatly appreciated.

Sincerely,

Robin F. Knox
Sportfish Program Manager
Colorado Division of Wildlife



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Dear Colorado Angler:

In late January I sent you a second copy of a survey of Colorado resident anglers that is being conducted to help us learn what Colorado anglers think about several issues facing the Colorado Division of Wildlife over the next few years. Many anglers have filled out and returned their questionnaires. But as of February 25, we haven't heard from you.

The issues we ask about are real and decisions will get made one way or another. Those decisions will affect many, if not all, Colorado anglers. Better decisions can be made if we have input from anglers. This survey will provide input from a wide range of anglers. In order for the survey to provide accurate information about what Colorado anglers, as a group, think about these important issues we need to hear from all types of anglers. It doesn't matter if you fished a lot or if you only fished once or twice or even if you didn't get to fish at all in 1997, we need to hear from you. How and where you fished, and your opinions on the issues, are important because they represent the views of many other Colorado anglers like yourself. So it's important that we hear from everyone who receives a questionnaire.

I have enclosed a copy of the questionnaire in case you don't still have the one we sent before. **Please fill out the questionnaire and return it in the enclosed business reply envelope as soon as you can.** Try to answer all the questions as best you can because incomplete questionnaires detract from the value of the data. Everything you tell us is confidential; only the compiled results will be reported. The questionnaires are numbered only to keep track of returns. Your name will not be connected with the completed questionnaire.

I have also enclosed a page of questions you might have about this survey along with our answers. However, if you have more questions, please feel free to contact me. My address and phone number are at the bottom of the Question and Answer page.

Thank you in advance for your time and effort in completing the questionnaire. Your help is greatly appreciated.

Sincerely,

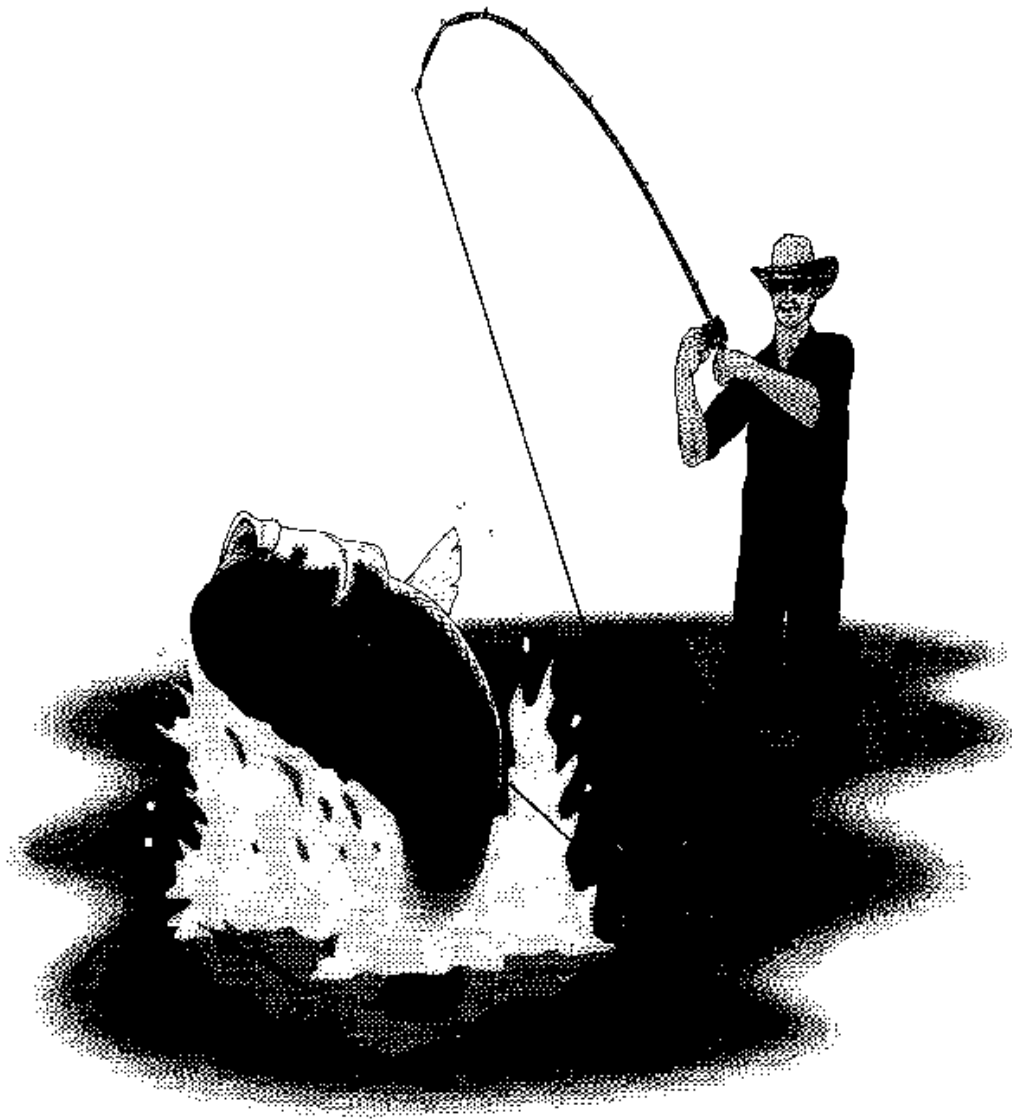
Robin F. Knox
Sportfish Program Manager
Colorado Division of Wildlife

APPENDIX 2

1997 COLORADO ANGLER STUDY QUESTIONNAIRE

(QUESTIONNAIRE PART THREE CONTAINS PROPOSALS 1 AND 2)

1997 Colorado Angler Survey



Colorado
State
University

Part One

This part will ask you some questions about why you bought a fishing license, the kind of fishing you do, where and how much you fish. This information will help us get a picture of how people like to fish in Colorado.

1. What type of Colorado fishing license did you buy in 1997? (Circle one number)
 - 1 Resident Annual License.
 - 2 Resident Senior License.
 - 3 Resident Combination Fishing/Small Game Hunting License.

2. Why did you buy a 1997 Colorado fishing license? (Circle all that apply)
 - 1 So I could go fishing, either by myself or with others.
 - 2 I don't necessarily fish, but I wanted to support fishing in Colorado.
 - 3 I wanted to support and be covered by the Search and Rescue Program.
 - 4 Some other reason. Please specify.

3. What **one kind of fish do you prefer** to fish for most often in Colorado? (Circle one number)

1 Trout.	6 Walleye/Saugeye.
2 Bass.	7 Crappie.
3 Catfish.	8 Northern Pike/Tiger Muskie.
4 Wiper/White Bass	9 Other. What? _____
5 Salmon.	

4. What **one type of water do you most often** fish in Colorado? (Circle one number)
 - 1 Coldwater lakes, ponds, and reservoirs.
 - 2 Coldwater streams and rivers.
 - 3 Warmwater lakes, ponds, or reservoirs.

5. Is the water **you most often fish** in Colorado stocked? (Circle one number)
- 1 No, the water I most often fish **is not** stocked.
 - 2 Yes, the water I most often fish **is** stocked.
 - 3 I don't know if the water I most often fish is stocked or not.
6. In Colorado, do you **most often fish**..... (Circle one number)
- 1 From the shore or bank?
 - 2 By wading?
 - 3 In a boat, float tube, or raft?
 - 4 Other? Please specify. _____
7. In Colorado, do you **most often fish with**..... (Circle one number)
- 1 Artificial flies only?
 - 2 Artificial lures only?
 - 3 Both flies and lures?
 - 4 Bait only?
 - 5 Both bait and lures?
 - 6 Artificial flies, lures, and bait?
8. Do you keep the fish you catch in Colorado or release them? (Circle one number)
- 1 I mostly keep what I catch.
 - 2 I mostly catch and release.
 - 3 Sometimes I keep them, sometimes I release them.
9. How old were you when you first went fishing? _____ years old.
10. How long have you been fishing in Colorado? _____ years.

11. How often do you buy a Colorado fishing license? (Circle one number)

- | | | | |
|---|----------------------|---|--------------------|
| 1 | Every year. | 4 | Sometimes. |
| 2 | Most years. | 5 | Once in a while. |
| 3 | About half the time. | 6 | This is the first. |

12. Who do you usually go fishing with **in Colorado**? (Circle one number)

- 1 I usually go fishing by myself.
- 2 I usually go fishing with friends or family, and we all fish.
- 3 I usually go fishing with friends or family, but not all of them actually fish.
- 4 Other. Please specify. _____

13. Do you hike or backpack to get to your fishing site? (Circle one number)

- | | | | |
|---|-------------|---|------------------|
| 1 | Frequently. | 3 | Once in a while. |
| 2 | Sometimes. | 4 | Never. |

14. Do you ice fish? (Circle one number)

- 1 No.
- 2 Yes.

15. Do you **regularly** fish in other states besides Colorado? (Circle one number)

- 1 No.
- 2 Yes.

16. Do you fish at sites **in Colorado** that you consider crowded? (Circle one number)

- 1 Frequently.
- 2 Sometimes.
- 3 Once in a while.
- 4 Never.

17. In the **area you fish most in Colorado**, how crowded do you feel **while you are fishing**?
(Please circle one number on the scale below)

1	2	3	4	5	6	7
Not at all crowded		Slightly Crowded		Moderately Crowded		Very Crowded

18. Does the specific level of crowding you circled in Question 17 (while you are fishing) have any effect on the enjoyment of your fishing trips? (Circle one number)

- 1 That level of crowding **increases** my enjoyment.
2 That level of crowding **has no effect** on my enjoyment.
3 That level of crowding **decreases** my enjoyment.

19. Do you belong to any sportsmen's or environmental groups? (Circle one number)

- 1 No.
2 Yes. Which ones?
-

20. Did you actually fish in Colorado in 1997? (Circle one number)

- 1 No. Even if you did not fish in Colorado in 1997 we still need your responses to the questionnaire. Please skip ahead two pages to the beginning of Part 2.
2 Yes. Please continue on to Question 21.

21. In total, about how many fishing **trips** did you take **to any site in Colorado in 1997**?
(Count each fishing trip, no matter how long it was (one day or several days), as one trip.
Please fill in the blank.)

_____ fishing trips in 1997.

22. In total, about how many **days** did you fish **in Colorado** (on all your trips) in 1997?
(Please fill in the blank.)

_____ days fishing in 1997.

23. So that we can get an idea of how fishing is spread around the state, please tell us the **three sites in Colorado** that you fished the most in 1997 and **about how many days** you fished there **in 1997**. Some rivers and streams are long so please tell us the nearest town so we can have a better idea where you fished. (For example, the South Platte River in the Denver area and the South Platte River in Deckers would be two different sites.)

Name of Lake/Reservoir/ River/Stream	Nearest Town	Number of days fished in 1997
_____	_____	_____
_____	_____	_____
—	—	—
_____	_____	_____
—	—	—

24. In 1997, about how many different sites did you fish **in Colorado**? (Circle one number)

- 1 1 - 3.
 2 4 - 7.
 3 8 - 12.
 4 13 or more.

25. In 1997, did you fish... (Circle one number)

- 1 Only in Colorado?
 2 Mostly in Colorado?
 3 Mostly in some other state(s)?
 4 About half in Colorado and half in some other state(s)?

26. Overall, how satisfied were you with your 1997 fishing experiences **in Colorado**? (Please circle one number on the scale below)

1	2	3	4	5	6	7
Strongly Dissatisfied	Somewhat Dissatisfied	Slightly Dissatisfied	Neutral	Slightly Satisfied	Somewhat Satisfied	Strongly Satisfied

Part Two

The information in this part will help us understand what anglers think about some issues related to fishing in Colorado.

Below are a number of statements related to fishing. Please tell us how much you agree or disagree with each statement. Some of the statements might sound similar. Please respond to each statement. There are no right or wrong answers. The best answer is the one that most closely matches what you think. (Circle one number for each statement)

	Strongly Agree	Moderately Agree	Neutral	Moderately Disagree	Strongly Disagree
The people who fish for stocked trout are the ones who should pay for the trout stocking program.	1	2	3	4	5
The trout stocking program encourages people who want to catch stocked trout to stay in stocked waters and out of other types of waters.	1	2	3	4	5
Fishing is my most important recreational activity.	1	2	3	4	5
A fishing trip is successful only if I catch my limit.	1	2	3	4	5
I like to catch hatchery raised trout.	1	2	3	4	5
It is better to limit the number of people who can fish at a site than to allow the site to become crowded.	1	2	3	4	5
The cost of providing recreational fishing should be shared equally by all anglers.	1	2	3	4	5
Bag limits for trout should be lowered if necessary to protect trout populations.	1	2	3	4	5
It is important for fishing license fees to be used to pay for programs to help young people learn how to fish.	1	2	3	4	5
Without the trout stocking program people would catch hardly any trout in Colorado.	1	2	3	4	5

	Strongly Agree	Moderately Agree	Neutral	Moderately Disagree	Strongly Disagree
Season closures for trout would be OK if they were needed to protect trout populations.	1	2	3	4	5
The Division of Wildlife does a good job managing sport fishing in Colorado.	1	2	3	4	5
More money should be devoted to developing and maintaining fishing sites near cities where people live than to sites in the mountains.	1	2	3	4	5
The Division of Wildlife should increase the number of trout they stock.	1	2	3	4	5
Some areas I like to fish are too crowded.	1	2	3	4	5
The main reason I fish is for food.	1	2	3	4	5
I would rather have an increase in fishing license fees than season closures for trout.	1	2	3	4	5
Fishing in Colorado would be good even without the trout stocking program.	1	2	3	4	5
It is important for fishing license fees to be used to pay for programs to help the recovery of endangered fish.	1	2	3	4	5
Bag limits for trout should be lowered if necessary to protect trout populations, even if that means a limit of two trout per day.	1	2	3	4	5
If the trout stocking program can't pay its way it should be eliminated.	1	2	3	4	5
Whirling disease is the biggest threat to trout fishing in Colorado.	1	2	3	4	5
I would rather have a decrease in bag limits for trout than season closures for trout.	1	2	3	4	5
I stay away from some areas I would like to fish because they are too crowded.	1	2	3	4	5

	Strongly Agree	Moderately Agree	Neutral	Moderately Disagree	Strongly Disagree
I can have a successful fishing trip even if I don't catch a single fish.	1	2	3	4	5
The Division of Wildlife does a good job protecting the State's fish resources and habitat.	1	2	3	4	5
The price of the license doesn't really affect whether I buy a fishing license.	1	2	3	4	5
I do not like to fish in waters that are stocked with hatchery raised trout.	1	2	3	4	5
I am an avid angler.	1	2	3	4	5
I would rather have an increase in fishing license fees than a decrease in bag limits for trout.	1	2	3	4	5
More effort should be given to protecting and restoring fish habitat in Colorado.	1	2	3	4	5
Fishing is OK, but I can take it or leave it.	1	2	3	4	5
If bag limits for trout are lowered it would still be OK to increase license fees to pay for the trout stocking program if that's what it takes.	1	2	3	4	5
The Division of Wildlife should increase the number of warmwater fish they stock.	1	2	3	4	5
Fishing license fees should only be used for programs that directly benefit fishing.	1	2	3	4	5
I would be willing to pay increased license fees to support certain kinds of programs if they helped reduce crowding in areas I like to fish.	1	2	3	4	5
If there is a closed season for trout it would still be OK to increase license fees to pay for the trout stocking program if that's what it takes.	1	2	3	4	5

Part Three

In this part we will ask you about two proposals to reduce the gap between revenue and cost in the Colorado fish program. We will describe the proposal, then ask you whether you would still have bought a 1997 Colorado fishing license (the same type as the one you actually bought) had that proposal been in effect for 1997. **Please consider each proposal separately, as if it were the only proposal.**

There are all different kinds of anglers in Colorado. To cover the full range of anglers and the kinds of fishing they do, the dollar amounts in the questions below were chosen at random and are different in each questionnaire. Some of the amounts may seem ridiculously high or low to you, but we need to find out what people think about a wide range of offers. Please answer the questions as if these amounts were real.

Think about **the fishing you do** and tell us **what you would have done**.

Please consider the following information as you answer the questions in this Part.

- Whirling disease has been found in Colorado, both in the wild and in fish hatcheries.
- While it is unlikely that whirling disease can be eliminated from the wild, efforts to reduce, and eventually eliminate, whirling disease in hatcheries may prove to be successful. Work to clean up the hatcheries is aimed at preventing the spread of whirling disease to areas that are not already infected, and maintaining the number of trout currently stocked.
- The incidence of whirling disease in fish hatcheries has greatly reduced the Colorado Division of Wildlife's ability to manage stocked trout populations.
- Stocking trout plays an important role in meeting the demand for recreational fishing.
- Even before whirling disease was discovered in the hatcheries, fishing license sales did not completely cover the cost of the State's fish program. Now that whirling disease needs to be dealt with, the gap between revenues and costs is even greater.
- The Division of Wildlife estimates it will cost \$10 million over the next 5 years to clean up whirling disease in the hatcheries.

Proposal 1

In 1997, fishing license fees are:

\$20.25 for a Resident Annual Fishing License,
\$10.25 for a Resident Senior Annual License (for those 62 years of age and older),
\$30.25 for a Resident Combination Fishing/Small Game Hunting License.

One option to reduce the gap between revenue and cost is to **increase fishing license fees for all anglers while maintaining the same levels of stocking as in 1997.**

1. Would you have purchased a 1997 Colorado fishing license if fishing conditions, including number of fish stocked, were the same as in 1997 and the license cost

\$_____ for a Resident Annual License ;

\$_____ for a Resident Senior Annual License (age 62 or over) ;

\$_____ for a Resident Combination Fishing/Small Game Hunting
Annual License ?

- 1 NO, I would not have bought a 1997 Colorado fishing license.
- 2 YES, I would still have bought a 1997 Colorado fishing license.

2. Sometimes it is hard to know what we would have done if the situation had been a little different. How certain are you that you would have actually bought a 1997 Colorado fishing license (if you answered YES) or actually not bought a license (if you answered NO) at the license fee listed in Question 1? (Circle one number on the scale below)

1	2	3	4	5	6	7	8	9
very								very
<u>uncertain</u>								certain

3. In Question 1 you told us whether you would have bought a 1997 Colorado fishing license at the price listed. Whether you said yes or no to that question, please tell us the **most you would have been willing to pay for the type of Colorado fishing license you bought in 1997** if fishing conditions, including the number of fish stocked, were the same as in 1997.

I would have been willing to pay up to \$_____ for a 1997 Colorado fishing license.

Proposal 2

In 1997, fishing license fees are:

\$20.25 for a Resident Annual Fishing License,
\$10.25 for a Resident Senior Annual License (for those 62 years of age and older),
\$30.25 for a Resident Combination Fishing/Small Game Hunting License.

One option to reduce the gap between revenue and cost is to **increase fishing license fees for all anglers, while also increasing the amount of trout stocking** that is done at the same time whirling disease is eliminated from the hatchery system. Suppose trout stocking were **increased by 25%**, so 25% more trout were put into Colorado streams, lakes, and reservoirs than were stocked in 1997. (The amount of trout stocked in Colorado in 1996 and 1997 was down about 25% from historical levels due to whirling disease. A 25% increase in the number of trout stocked would return trout stocking to historical levels.)

4. Would you have purchased a 1997 Colorado fishing license if trout stocking had been 25% more than in 1997 and the license cost

\$_____ for a Resident Annual License ;

\$_____ for a Resident Senior Annual License (age 62 or over) ;

\$_____ for a Resident Combination Fishing/Small Game Hunting License ?

- 1 NO, I would not have bought a 1997 Colorado fishing license.
- 2 YES, I would still have bought a 1997 Colorado fishing license.

5. How certain are you that you would have actually bought a 1997 Colorado fishing license (if you answered YES) or actually not bought a license (if you answered NO) at the license fee listed in Question 4 if 25% more trout were stocked? (Circle one number on the scale below)

1	2	3	4	5	6	7	8	9
very								very
<u>uncertain</u>								certain

6. In Question 4 you told us whether you would have bought a 1997 Colorado fishing license at the price listed. Whether you said yes or no to that question, please tell us the **most you would have been willing to pay** for the type of Colorado fishing license you bought in 1997 if the amount of **trout stocked had been 25% more** than it was in 1997.

I would have been willing to pay up to \$_____ for a 1997 Colorado fishing license.

7. If the Colorado Division of Wildlife needs more money to maintain the trout stocking program at 1997 levels, what form would you prefer to see a fee increase take? (Please rank the following alternatives. Put a **1** next to the option you **most** prefer, a **2** next to your second choice, and a **3** next to the option you **least** prefer.)

_____ An across the board license fee increase for **all anglers**.

_____ A stamp that would be required in addition to the license every year for anyone who **fished for trout in waters where catchable size trout are stocked**, whether they kept any trout or not.

_____ A stamp that would be required in addition to the license every year for anyone who **fished for trout in any water**, whether catchable size trout are stocked there or not, and whether they kept any trout or not.

Part Four

Please tell us a few things about yourself and your background. This information will help us compare what we learn in this study to other studies. Your answers will be confidential and will only be used to report comparisons among groups.

1. Are you? 1 Female. 2 Male.
2. How old are you? _____ years.
- 3a. How many people **age 18 or older** (including yourself) live in your household?
(Fill in the blank)

_____ people (including myself) age 18 or older.
- 3b. How many people **under age 18** live in your household?
(Fill in the blank)

_____ people under age 18.
4. How long have you lived in Colorado? _____ years.
5. About how far do you travel (one way) to shop for your weekly groceries? _____ miles.
6. How much schooling have you completed? (Circle one number)
 - 1 Less than 8th grade.
 - 2 8th grade.
 - 3 Some high school.
 - 4 High school graduate or GED.
 - 5 Some college or technical/vocational school.
 - 6 Associates degree or Technical/vocational school degree.
 - 7 College graduate (B.S./B.A. degree).
 - 8 M.S./M.A. degree or equivalent.
 - 9 Advanced graduate degree (Ph.D., M.D., J.D., etc.).

7. What was your total household income before taxes last year (in 1996)? (Circle one number)

- | | | | |
|---|----------------------|----|------------------------|
| 1 | \$10,000 or less. | 6 | \$36,001 - \$50,000. |
| 2 | \$10,001 - \$15,000. | 7 | \$50,001 - \$75,000. |
| 3 | \$15,001 - \$25,000. | 8 | \$75,001 - \$100,000. |
| 4 | \$25,001 - \$32,000. | 9 | \$100,001 - \$125,000. |
| 5 | \$32,001 - \$36,000. | 10 | Over \$125,000. |

8. What do you consider yourself to be? (Circle one number)

- 1 Black/African American.
- 2 Asian or Pacific Islander.
- 3 Native American/American Indian.
- 4 White/Caucasian.
- 5 Hispanic or of Spanish origin.
- 6 Other.

Please specify. _____

Use the back cover for any comments you have about this survey or fishing in Colorado, or what you think the Division of Wildlife should do to maintain or improve fishing in Colorado.

Please fold the questionnaire in half and return it to us in the business reply envelope that came in the package with the questionnaire. The postage has already been paid.

Thanks for your Help!

Comments

Please return completed questionnaire to:
Colorado Angler Study
Department of Natural Resource Recreation and Tourism
Colorado State University
Fort Collins, Colorado 80523

APPENDIX 3

1997 COLORADO ANGLER STUDY QUESTIONNAIRE

PART THREE CONTAINING PROPOSALS 3 AND 4

Part Three

In this part we will ask you about two proposals to reduce the gap between revenue and cost in the Colorado fish program. We will describe the proposal, then ask you whether you would still have bought a 1997 Colorado fishing license (the same type as the one you actually bought) had that proposal been in effect for 1997. **Please consider each proposal separately, as if it were the only proposal.**

There are all different kinds of anglers in Colorado. To cover the full range of anglers and the kinds of fishing they do, the dollar amounts in the questions below were chosen at random and are different in each questionnaire. Some of the amounts may seem ridiculously high or low to you, but we need to find out what people think about a wide range of offers. Please answer the questions as if these amounts were real.

Think about **the fishing you do** and tell us **what you would have done**.

Please consider the following information as you answer the questions in this Part.

- Whirling disease has been found in Colorado, both in the wild and in fish hatcheries.
- While it is unlikely that whirling disease can be eliminated from the wild, efforts to reduce, and eventually eliminate, whirling disease in hatcheries may prove to be successful. Work to clean up the hatcheries is aimed at preventing the spread of whirling disease to areas that are not already infected, and maintaining the number of trout currently stocked.
- The incidence of whirling disease in fish hatcheries has greatly reduced the Colorado Division of Wildlife's ability to manage stocked trout populations.
- Stocking trout plays an important role in meeting the demand for recreational fishing.
- Even before whirling disease was discovered in the hatcheries, fishing license sales did not completely cover the cost of the State's fish program. Now that whirling disease needs to be dealt with, the gap between revenues and costs is even greater.
- The Division of Wildlife estimates it will cost \$10 million over the next 5 years to clean up whirling disease in the hatcheries.

Proposal 1

One option to reduce the gap between revenue and cost is to require a **Stocked Trout Water Stamp** in addition to the fishing license every year for those anglers who **fish for trout in waters where catchable size trout are stocked, whether they keep any trout or not.**

Stocked Trout Waters would be the same waters where catchable size trout are currently stocked and would be clearly identified and marked so you would know if you were fishing in those waters.

If you **fish for trout** in a stream or lake where catchable size trout **are stocked**, you would need **both a fishing license and a Stocked Trout Water Stamp.**

If you fish in a stream or lake where catchable size trout **are stocked but you do not fish for trout**, you would **only need a fishing license.**

If you fish in a stream or lake where catchable size trout **are not stocked**, you would **only need a fishing license.**

If you fish for trout in both types of waters, you would need **both a fishing license and a Stocked Trout Water Stamp.**

1. Would you have purchased a 1997 Colorado **fishing license** if fishing conditions including the number of trout stocked were the same as in 1997, but you would have been required to buy a Stocked Trout Water Stamp in addition to your license if you wanted to fish for trout in waters where catchable size trout are stocked?

License fees would remain at 1997 levels:

\$20.25 for a Resident Annual License ;

\$10.25 for a Resident Senior Annual License (age 62 or over) ;

\$30.25 for a Resident Combination Fishing/Small Game Hunting License ?

1 NO, I would not have bought a 1997 Colorado fishing license.

2 YES, I would still have bought a 1997 Colorado fishing license.

2. Would you have purchased a 1997 **Stocked Trout Water Stamp** if the stamp cost \$_____?

1 NO.

2 YES.

3. Please tell us why you answered Question 2 as you did. If you answered NO, please answer **questions a and b**. If you answered YES, please answer **question c**.

a. **If you answered NO** to Question 2, was it because: (Circle all that apply)

- 1 I fish for trout in waters where catchable size trout are stocked, but the **Stocked Trout Water Stamp** would not be worth the price specified in Question 2.
- 2 I fish in waters where catchable size trout are stocked, but not for trout.
- 3 I do not fish in waters where catchable size trout are stocked.
- 4 If I had to buy a **Stocked Trout Water Stamp** at the price specified in Question 2, I would not even have bought a Colorado fishing license in 1997.
- 5 Other. Please specify. _____

b. **If you answered NO to Question 2**, if the **Stocked Trout Water Stamp** had been in effect for 1997 at the price specified in the question, would you have changed how or where you fished in 1997? (Circle all that apply)

- 1 No, I would not have changed how or where I fished.
- 2 Yes, I would still have fished in waters where catchable size trout **are stocked** in Colorado, but not for trout.
- 3 Yes, I would have fished for trout in waters where catchable size trout **are not stocked** in Colorado.
- 4 Yes, I would not have fished for trout anywhere in Colorado.
- 5 Yes, I would not have fished in Colorado at all in 1997.
- 6 Other. Please specify. _____

c. **If you answered YES** to Question 2, was it because: (Circle one number)

- 1 I fish in waters where catchable size trout are stocked in Colorado and the **Stocked Trout Water Stamp** would be worth the price specified in Question 2.
- 2 I do not fish for trout in waters where catchable size trout are stocked in Colorado, but I wanted to support the fish stocking program.
- 3 I do not fish at all in waters where catchable size trout are stocked in Colorado, but I wanted to support the trout stocking program.
- 4 Other. Please specify. _____

4. Sometimes it is hard to know what we would have done if the situation had been a little different. How certain are you that you would have actually bought a 1997 Colorado **fishing license** (if you answered YES) or actually not bought a license (if you answered NO) at the license fees listed in Question 1, and given that a stamp would be required to fish for trout in waters where catchable size trout are stocked? (Circle one number on the scale below)

1	2	3	4	5	6	7	8	9
very								very
<u>uncertain</u>								certain

5. How certain are you that you would have actually bought a 1997 Colorado **Stocked Trout Water Stamp** (if you answered YES) or actually not bought a **Stocked Trout Water Stamp** (if you answered NO) at the stamp fee listed in Question 2? (Circle one number on the scale below)

1	2	3	4	5	6	7	8	9
very								very
<u>uncertain</u>								certain

6. In Question 2 you told us whether you would have bought a 1997 Colorado **Stocked Trout Water Stamp** at the price listed. Whether you said yes or no to that question, please tell us the **most you would have been willing to pay** for a 1997 Colorado **Stocked Trout Water Stamp**.

I would have been willing to pay up to \$_____ for a 1997 Colorado **Stocked Trout Water Stamp**.

Proposal 2

One option to reduce the gap between revenue and cost is to require a **Trout Stamp** in addition to the fishing license every year for those anglers who **fish for trout in any water in Colorado**, whether catchable size trout are stocked there or not and whether they keep any trout or not.

If you fish for trout anywhere in Colorado, whether they are wild trout or stocked trout, you would need **both a fishing license and a Trout Stamp**.

If you never fish for trout, you would **only need a fishing license**.

7. Would you have purchased a 1997 Colorado **fishing license** if fishing conditions including the number of trout stocked were the same as in 1997, but you would have been required to buy a Trout Stamp in addition to your license if you wanted to fish for trout anywhere in Colorado?

License fees would remain at 1997 levels:

\$20.25 for a Resident Annual License ;

\$10.25 for a Resident Senior Annual License (age 62 or over) ;

\$30.25 for a Resident Combination Fishing/Small Game Hunting License ?

1 NO, I would not have bought a 1997 Colorado fishing license.

2 YES, I would still have bought a 1997 Colorado fishing license.

8. Would you have purchased a 1997 **Trout Stamp** if the stamp cost \$_____ ?

1 NO.

2 YES.

9. Please tell us why you answered Question 8 as you did. If you answered NO please answer **questions a and b** you answered YES please answer **question c**.

a. **If you answered NO to Question 8**, was it because: (Circle all that apply)

- 1 I fish for trout, but the **Trout Stamp** would not be worth the price specified in Question 8.
- 2 I do not fish for trout.
- 3 If I had to buy a **Trout Stamp** at the price specified in Question 8, I would not even have purchased a Colorado fishing license in 1997.
- 4 Other. Please specify. _____

b. **If you answered NO to Question 8**, if the **Trout Stamp** had been in effect for 1997 at the price specified in the question, would you have changed how or where you fished in 1997? (Circle all that apply)

- 1 No, I would not have changed how or where I fished.
- 2 Yes, I would have fished in different places in Colorado.
- 3 Yes, I would not have fished for trout in Colorado.
- 4 Yes, I would not have fished in Colorado at all in 1997.
- 5 Other. Please specify. _____

c. **If you answered YES to Question 8**, was it because: (Circle one number)

- 1 I fish for trout and the **Trout Stamp** would be worth the price specified in Question 8.
- 2 I do not fish for trout but I wanted to support the trout stocking program.
- 3 Other. Please specify. _____

10. How certain are you that you would have actually bought a 1997 Colorado **fishing license** (if you answered YES) or actually not bought a **license** (if you answered NO) at the license fees listed in Question 7, and given that a stamp would be required to fish for trout anywhere in Colorado? (Circle one number on the scale below)

1 2 3 4 5 6 7 8 9

very
uncertain

very
certain

11. How certain are you that you would have actually bought a 1997 Colorado **Trout Stamp** (if you answered YES) or actually not bought a **Trout Stamp** (if you answered NO) at the stamp fee listed in Question 8? (Circle one number on the scale below)

1 2 3 4 5 6 7 8 9

very
uncertain

very
certain

12. In Question 8 you told us whether you would have bought a 1997 Colorado **Trout Stamp** at the price listed. Whether you said yes or no to that question, please tell us the **most you would have been willing to pay** for a 1997 Colorado **Trout Stamp**.

I would have been willing to pay up to \$_____ for a 1997 Colorado **Trout Stamp**.

13. If the Colorado Division of Wildlife needs more money to maintain the trout stocking program at 1997 levels, what form would you prefer to see a fee increase take? (Please rank the following alternatives. Put a **1** next to the option you **most** prefer, a **2** next to your second choice, and a **3** next to the option you **least** prefer.)

_____ An across the board license fee increase for **all anglers**.

_____ A stamp that would be required in addition to the license every year for anyone who **fished for trout in waters where catchable size trout are stocked**, whether they kept any trout or not.

_____ A stamp that would be required in addition to the license every year for anyone who **fished for trout in any water**, whether catchable size trout are stocked there or not, and whether they kept any trout or not.