

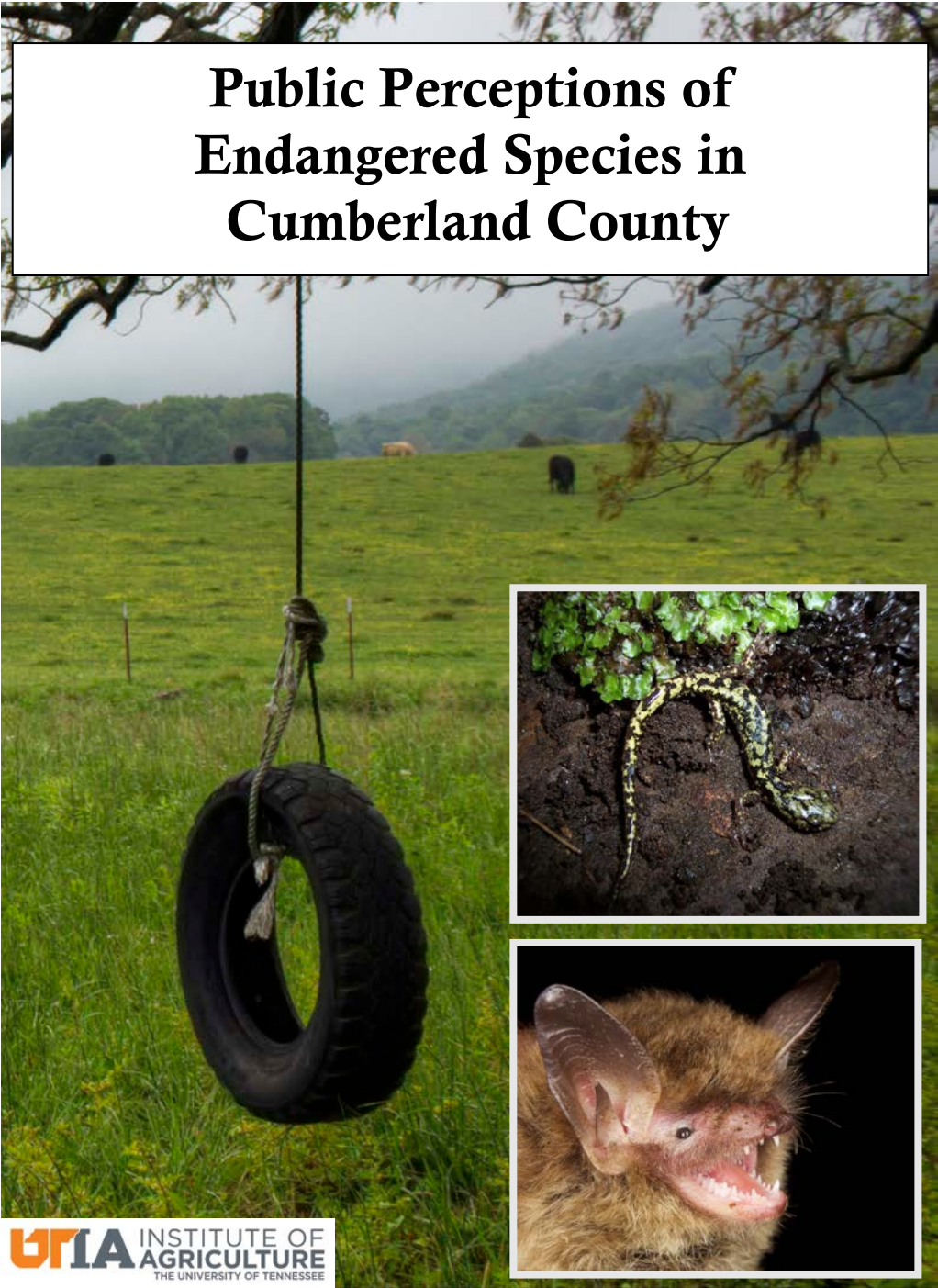
Thank you very much for helping on this important study. Your responses will help us better understand how people in your county think about endangered species. If you have additional comments that you weren't able to express in this survey, please provide them in the space below.

Please return your completed survey using the self-addressed stamped envelope to:

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274 Ellington Plant Science Building
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Knoxville, TN 37996



Public Perceptions of Endangered Species in Cumberland County



The logo for the UTIA Institute of Agriculture, The University of Tennessee. It features the letters "UTIA" in a stylized orange and blue font, followed by the words "INSTITUTE OF AGRICULTURE" in blue, and "THE UNIVERSITY OF TENNESSEE" in a smaller blue font below.

The University of Tennessee’s Department of Forestry, Wildlife, and Fisheries Science is conducting this project to learn how people view endangered species. Results will help inform those who make decisions on how to manage endangered species in your county. Completing this survey indicates your informed consent to participate. THANK YOU FOR VOLUNTEERING YOUR HELP!

The following section asks for some basic information about you. This information will be used for research purposes only and will not be associated with you or your name in any way.

- 1. What year were you born?

- 2. Are you?
 - 1. Male
 - 2. Female
- 3. Which of the following best describes you?
 - 1. Asian
 - 2. Black/African American
 - 3. Hispanic/Latino
 - 4. Native American/American Indian
 - 5. White
 - 6. Other
- 4. What is your household income?
 - 1. Less than \$25,000
 - 2. \$25,000 - \$49,999
 - 3. \$50,000 - \$99,999
 - 4. \$100,000 - \$149,999
 - 5. \$150,000 or greater
- 5. What is the highest level of education you attained?
 - 1. Less than a high school diploma or equivalent
 - 2. A high school diploma or equivalent
 - 3. Some college
 - 4. Associate degree
 - 5. Bachelor’s degree
 - 6. More than a Bachelor’s degree

Please turn to the back cover to write any comments you may have about endangered species, the ESA, or Habitat Conservation Plans. Thank you!

Animals that are at risk of extinction are considered threatened or endangered. These animals are legally protected by the Endangered Species Act (ESA), which is a federal law intended to prevent species from going extinct. The animals shown are found in the county where you live and are protected under the Endangered Species Act.

Spotfin Chub • A small (3-4 inches) freshwater fish • Lives in clear moving water with rocky bottoms	 Robert Jenkins/VA DGIF
Purple Bean Mussel • A freshwater mussel with dark shell and purple interior • Lives in clear, shallow moving water	 Shane Hannlon USFWS
Northern Long-eared Bat • A small bat with long ears • In winter, hibernates in caves, and uses dead or dying trees in summer	 Melquisedec Gamba-Rios
Indiana Bat • A medium-sized, dull chestnut colored bat • Hibernates primarily in caves, lives in dead or dying trees in summer	 USFWS

Q3. How important is protecting each of the following animals in the area where you live?

	<i>Not at all Important</i>	<i>Not that Important</i>	<i>Important</i>	<i>Quite Important</i>	<i>Very Important</i>
a. Spotfin Chub	1	2	3	4	5
b. Purple Bean Mussel	1	2	3	4	5
c. Northern Long-eared Bat	1	2	3	4	5
d. Indiana Bat	1	2	3	4	5

Q4. In general, do you support or oppose recovery efforts for the following animals in the area you live? By recovery efforts, we mean actions to reverse the decline of a species and reduce threats to the point it no longer needs legal protection under the ESA.

	<i>Strongly Oppose</i>	<i>Oppose</i>	<i>Neutral</i>	<i>Support</i>	<i>Strongly Support</i>
a. Spotfin Chub	1	2	3	4	5
b. Purple Bean Mussel	1	2	3	4	5
c. Northern Long-eared Bat	1	2	3	4	5
d. Indiana Bat	1	2	3	4	5

Q11. How important are each of the following goals for a Habitat Conservation Plan.

	<i>Not at all Important</i>	<i>Not that Important</i>	<i>Important</i>	<i>Quite Important</i>	<i>Very Important</i>
a. Protection of endangered species.	1	2	3	4	5
b. Pathway for economic development.	1	2	3	4	5
c. Building relationships between local government and US Fish and Wildlife Service.	1	2	3	4	5
d. Increased awareness of endangered species.	1	2	3	4	5
e. Increased ability to solve future conflicts between wildlife and economic development.	1	2	3	4	5

Q12. Please indicate how important each of the following would be to develop a successful Habitat Conservation Plan.

	<i>Not at all Important</i>	<i>Not that Important</i>	<i>Important</i>	<i>Quite Important</i>	<i>Very Important</i>
a. Clear understanding of the benefits of an HCP.	1	2	3	4	5
b. Support from State agencies	1	2	3	4	5
c. Support from Federal agencies	1	2	3	4	5

Q13. Please indicate how likely you think a Habitat Conservation Plan would be to achieve each of the following:

	<i>Very Unlikely</i>	<i>Unlikely</i>	<i>Neutral</i>	<i>Likely</i>	<i>Very Likely</i>
a. Protection of endangered species	1	2	3	4	5
b. Desirable economic growth.	1	2	3	4	5
c. A solution that will work for my community and endangered species.	1	2	3	4	5
d. A solution that reflects my views on endangered species and economic growth.	1	2	3	4	5

Q14. Please indicate the extent you disagree or agree with the following statements about public involvement in endangered species management.

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neutral</i>	<i>Agree</i>	<i>Strongly Agree</i>
a. Local communities should provide input on endangered species management.	1	2	3	4	5
b. The US Fish and Wildlife Service will make good decisions <i>without my input</i> .	1	2	3	4	5
c. If I provide input, it will make a difference.	1	2	3	4	5
d. I am interested in providing my input.	1	2	3	4	5

Q1. Please indicate your level of familiarity with each of the following animals found in the area where you live.

	<i>Not at all Familiar</i>	<i>Slightly Familiar</i>	<i>Somewhat Familiar</i>	<i>Moderately Familiar</i>	<i>Extremely Familiar</i>
a. Spotfin Chub	1	2	3	4	5
b. Purple Bean Mussel	1	2	3	4	5
c. Northern Long-eared Bat	1	2	3	4	5
d. Indiana Bat	1	2	3	4	5

Q2. Overall, how would you describe your attitude towards each of the following species and ALL endangered species?

	<i>Very Negative</i>	<i>Somewhat Negative</i>	<i>Neither Negative or Positive</i>	<i>Somewhat Positive</i>	<i>Very Positive</i>
a. Spotfin Chub	1	2	3	4	5
b. Purple Bean Mussel	1	2	3	4	5
c. Northern Long-eared Bat	1	2	3	4	5
d. Indiana Bat	1	2	3	4	5
e. ALL endangered species	1	2	3	4	5

This section asks questions about your views on a specific tool under the Endangered Species Act known as a Habitat Conservation Plan (HCP). An HCP is a voluntary agreement between an Applicant (such as a County) and the US Fish and Wildlife Service. An HCP is developed through a collaborative process between the Applicant and the US Fish and Wildlife Service with the goal of protecting endangered species while allowing the Applicant to meet their objectives such as economic growth.

Q9. Before this survey, were you at all familiar with Habitat Conservation Plans (HCPs)?

- 1. Not at all Familiar
- 2. Slightly Familiar
- 3. Somewhat Familiar
- 4. Moderately Familiar
- 5. Extremely Familiar

Q10. Before this survey, were you at all familiar with the US Fish and Wildlife Service?

- 1. Not at all Familiar
- 2. Slightly Familiar
- 3. Somewhat Familiar
- 4. Moderately Familiar
- 5. Extremely Familiar

Q5. Please indicate the extent that you disagree or agree with the following statements about the Endangered Species Act (ESA). The ESA is designed to:

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neutral</i>	<i>Agree</i>	<i>Strongly Agree</i>
a. protect and recover endangered species.	1	2	3	4	5
b. protect endangered animals on <i>private</i> land.	1	2	3	4	5
c. protect endangered animals on <i>public</i> land.	1	2	3	4	5
d. prohibit killing an endangered animal <i>on purpose</i> .	1	2	3	4	5
e. prohibit killing an endangered animal <i>on accident</i> .	1	2	3	4	5
f. prohibit activities that <i>indirectly</i> harm an endangered animal.	1	2	3	4	5

Q6. Please indicate the frequency you feel the following statements about the Endangered Species Act (ESA) and the economy are true.

	<i>Never</i>	<i>Rarely</i>	<i>Sometimes</i>	<i>Often</i>	<i>Always</i>
a. The ESA should RESTRICT economic development to protect an endangered species.	1	2	3	4	5
b. The ESA should ALLOW economic development that threatens an endangered species.	1	2	3	4	5
c. The ESA should BALANCE protecting endangered species and allowing economic growth.	1	2	3	4	5

Q7. Do you oppose or support the Endangered Species Act?

- 1. Strongly Oppose
- 2. Oppose
- 3. Neither Oppose nor Support
- 4. Support
- 5. Strongly Support

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neutral</i>	<i>Agree</i>	<i>Strongly Agree</i>
a. Humans should manage wild animal populations so that humans benefit.	1	2	3	4	5
b. The loss of some individual wild animals is acceptable if the population of animals is not jeopardized.	1	2	3	4	5
c. It is okay to use wildlife for human benefit as long as the animal populations are not threatened.	1	2	3	4	5
d. It is important for humans to manage the populations of wild animals.	1	2	3	4	5
e. An important part of my community is the wildlife I see there from time to time.	1	2	3	4	5
f. Having wildlife around my home is important to me.	1	2	3	4	5

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neutral</i>	<i>Agree</i>	<i>Strongly Agree</i>
g. One of the reasons I take trips to the outdoors is for the chance to see wildlife.	1	2	3	4	5
h. It is important to me to know there are healthy populations of wildlife in my area.	1	2	3	4	5
i. Hunting and fishing enable people to enjoy the outdoors.	1	2	3	4	5
j. Hunting is cruel and inhumane to animals.	1	2	3	4	5
k. Hunting makes people insensitive to suffering.	1	2	3	4	5
l. People who fish cause fish to suffer needlessly.	1	2	3	4	5
m. Fishing helps people appreciate natural processes.	1	2	3	4	5
n. I object to hunting because it violates the right of an individual animal to exist.	1	2	3	4	5
o. Hunting and fishing are important wildlife management tools.	1	2	3	4	5