Changes in attitudes toward wolves before and after an inaugural

public hunting and trapping season: early evidence from

Wisconsin's wolf range

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SUPPLEMENTARY MATERIAL

Survey Instrument: Survey design and implementation by J. Hogberg, A. Treves, L. Naughton, and V. Shelley.

Wolf Management in Wisconsin 2013 Public Opinion Survey

1. Were you aware of the 2012-2013 wolf hunting and trapping season in Wisconsin before receiving this survey?

 \Box Yes \Box No

2. How often do you turn to each of the following sources for information about wolves in Wisconsin?

Check only ONE box for EACH category.	Never	Seldom	Occasional lv	Quite Often	A lot
Radio or Television					
Social media on the Internet					
News or magazine articles (in print or online)					
Talking with friends, neighbors, or family					
Public hearings					
Government brochures or handouts					
Brochures, mailings or handouts from a					
non-governmental organization					
Other					

3. How do you feel about the legislative decision to open the 2012-

2013 wolf hunting and trapping season?

 $(\sqrt{\text{Check only ONE}})$

- □ Strongly approve
- \Box Somewhat approve
- □ Neutral
- □ Somewhat disapprove
- □ Strongly disapprove
- □ I don't know

	Did you apply for a tag for this past wolf hunting and trapping uson (2012-2013)?								
	□ Yes	□ No	If no, go to question 10						
	ere you selected to purchase a tag for this wolf hunting and ing season?								
· ···	-	□ No	If no, go to question 10						
6. Dic	d you purchase a tag? \Box Yes \Box No If no, go to question 10 d you participate in hunting or trapping in the 2012-2013 wolf								
	• •	-	If no, go to question 10						
7. Did you participate in hunting or trapping in the 2012-2013 wolf season?									
	□ Yes	□ No	If no, go to question 10						
8. What methods did you use to hunt or trap wolves?									
$(\sqrt{\text{Check ALL that apply}})$ \Box Firearm \Box Bait									
	□ Firearm □ Bait □ Bow and Arrow □ Night hunting								
	□ Predator calls								
9. Were you successful at killing a wolf?									
	\Box Yes	□ No	□ Not sure						
10. Not counting yourself, do you know anyone personally who: ($\sqrt{\text{Check ALL that apply}}$)									

A)) □ Applied for a tag in the 2012-2013 wolf season lottery
B) □ Was selected to purchase a tag
C) □ Purchased a tag

D) \square Was successful in killing a wolf

11. Will you apply for a tag for the 2013-2014 wolf hunting and trapping season?
□ Yes □ Probably □ No □ Not sure
□ I already applied for one

12. Which, if any of the following rules would you support for the 2013-2014 hunting and trapping season wolves in Wisconsin? ($\sqrt{\text{Check ALL that apply}}$)

- \Box No use of dogs
- \Box No use of traps

- □ No hunting at night
- use of traps
- □ No use of predator calls □ No hunting wolf pups

□ No use of bait □ No out-of-state hunters

□ No hunting during the breeding and pregnancy season

□ Hunting only wolves that have caused property damage

Please indicate the degree to which you agree or disagree with the following statements. CIRCLE the letter that best describes your opinion.	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I feel happy that wolves live in Wisconsin.	Α	а	n	d	D
My tolerance for Wisconsin wolves has increased since people can hunt them.	А	а	n	d	D
Wolves keep deer herds healthy by killing the sick and weak animals.	А	а	n	d	D
Killing wolves is the only way to stop them from threatening farm animals and pets.	А	a	n	d	D
I think Wisconsin's growing wolf population threatens deer hunting opportunities.	А	а	n	d	D
We should let nature determine the number of wolves in Wisconsin	А	а	n	d	D
I would oppose all hunting of wolves.	Α	а	n	d	D
I want to be able to hunt wolves in Wisconsin without restrictions.	Α	a	n	d	D
I feel angry that wolves live in Wisconsin.	Α	а	n	d	D
I would be afraid if wolves lived near my home.	Α	а	n	d	D
Seeing a wolf in the wild would be one of the greatest outdoor experiences of my life.	А	а	n	d	D
I think wolves are essential to maintaining the balance of nature.	А	а	n	d	D
In general, the DNR is responsive to the concerns of most Wisconsin citizens.	А	а	n	d	D
The DNR is more responsive to the demands of people living in Madison and other cities than people living in rural areas.	А	a	n	d	D
The DNR is more responsive to the hunters' lobby than any other group.	A	а	n	d	D

13. During which years do you think you have seen or heard wolves around your land?

($\sqrt{\text{Check ALL that apply}}$)

- \Box Never
- □ 1970s or before
- 🗆 1980s
- 🗆 1990s
- □ 2000-2011
- □ 2012-2013
- 14. I consider myself:
- $(\sqrt{\text{Check only ONE}})$
 - \Box A hunter
 - \Box Not a hunter but not opposed to hunting
 - □ Opposed to hunting

15. Under what circumstances would it be justified to shoot a wolf? ($\sqrt{\text{Check only ONE}}$)

- A) \Box None \rightarrow Skip to 16
- B) \Box Only with a permit \rightarrow Skip to 16
- C) \Box Without a permit under some circumstances \rightarrow Go to 15a

15a. Under what circumstances?

($\sqrt{\text{Check ALL that apply}}$)

- $\hfill\square$ If a wolf approached a person and would not leave
- \Box If a wolf was on someone's property
- \Box If a wolf approached someone's pets or farm animals
- □ If a person saw a wolf while hunting other game (outside of wolf season)

□ Other _____

16. Did your opinion of wolves change since the 2012-2013 Wisconsin wolf season?

 $(\sqrt{\text{Check only ONE}})$

□ I am more tolerant of wolves living in Wisconsin

□ I am less tolerant of wolves living in Wisconsin

 \Box No change \rightarrow If No change, what is your opinion of wolves in the state?

 $(\sqrt{\text{Check only ONE}})$

 \Box I don't like them, but I tolerate them

 \Box I am not tolerant of them

□ I like having wolves in Wisconsin

□ I am indifferent

17. Do you currently own a Wisconsin Endangered Resources wolf license plate?

□ Yes

 \Box No \rightarrow If No have you owned one in the past?

 \Box Yes \Box No

18. Now that wolves can legally be hunted, would you be more or less likely to purchase the Endangered Resources Fund license plate? ($\sqrt{\text{Check only ONE}}$)

□ Less likely to purchase

□ More likely to purchase

□ No change

□ Not sure

19. In the past five years, have you donated to the Endangered Resources Fund on your state income tax form?

 \Box Yes \Box No \Box Not sure

20. Now that wolves can be legally hunted, would you be more or less likely to donate to the Endangered Resources Fund on your state income tax form?

($\sqrt{\text{Check only ONE}}$)

Less likely to donate
More likely to donate
No change
Not sure

21. How many years have you lived in Wisconsin?

22. What is your zip code? _____

- 23. In what year were you born?
- 24. Are you: □ Male □ Female
- 25. Is raising livestock your household's major source of income?
 □ Yes, currently
 □ No, never
 □ No, not currently but it was in the past
- 26. Have you hunted in the past two years? □ Yes □ No
- 27. Have you regularly hunted at any other time in your life? □ Yes □ No

Thank you for your time!

Additional Comments: