Understanding Human Thought in Relation to Human-Wildlife Conflict

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2012 Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management
Residents of Fort Collins observe a treed bear
http://choosing-santa-fe.blogspot.com

Mountain Lion Spotted In Fort Collins Likely Wandered Back Into Wilderness
May 12, 2011 4:18 PM

FORT COLLINS, Colo. (CBS4)- The Department of Wildlife believes a mountain lion spotted in Fort Collins Thursday morning has wandered back into the high country.

Someone called 911 to report the lion near Putnam Elementary. Officers searched the area surrounding 1400 Maple Street, but didn’t find the mountain lion.
Child mauled by a coyote
Centre for Conservation and Research

Coyote caught by a legal leg trap
The Outdoorsmen Magazine

Dead coyotes hanging from fence posts
Carol Von Canon

Canis latrans
Alex Mody
Understanding People in Places

- Multi-state project
- Geographic depictions of social data
- Explore relationships to other sources of data, including biological data
- Enhance applicability of wildlife value orientations to HD research
Domination

• Mastery/domination ideology
• Humans have priority
• Use of wildlife is appropriate
• Behaviors: Hunting, fishing

Mutualism

• Egalitarian ideology
• Relationships of trust
• Animals are like family
• Behaviors: Feeding, care
WA residents
18 years of age or older
Sampling unit: County
n = 4,183; response rate = 32%
90% CI ± 10% error for each county
Percent more of two divergent wildlife value orientation types

Legend:
- Cities
- Water
% more of WVO type
- >45% more Utilitarians
- 25-45% more Utilitarians
- 10-25% more Utilitarians
- 0-10% more Utilitarians
- 0-10% more Mutualists
- 10-25% more Mutualists
Wolf recolonization

74% of Washington residents were accepting of relocating wolves to help build populations

Yet 50% of residents live in the urban area near Seattle with no wolves
Percent accepting of relocating wolves to establish new populations
Percent accepting of relocating wolves to establish new populations
Percent accepting of lethal control if wolf kills livestock
Current wolf packs
Summary

An understanding of the context in which people live, including the values people hold, is critical to informing management of conflicts and recovery.
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Questions?

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