

Preventative Strategies for Wolf Predation Management

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My Background



Wolves Bring New Predation Challenges



Wolves kill 176 sheep near Victor, greatest loss recorded in Idaho



Credit: Idaho Wildlife Services



Tweet

66



Recommend

14k



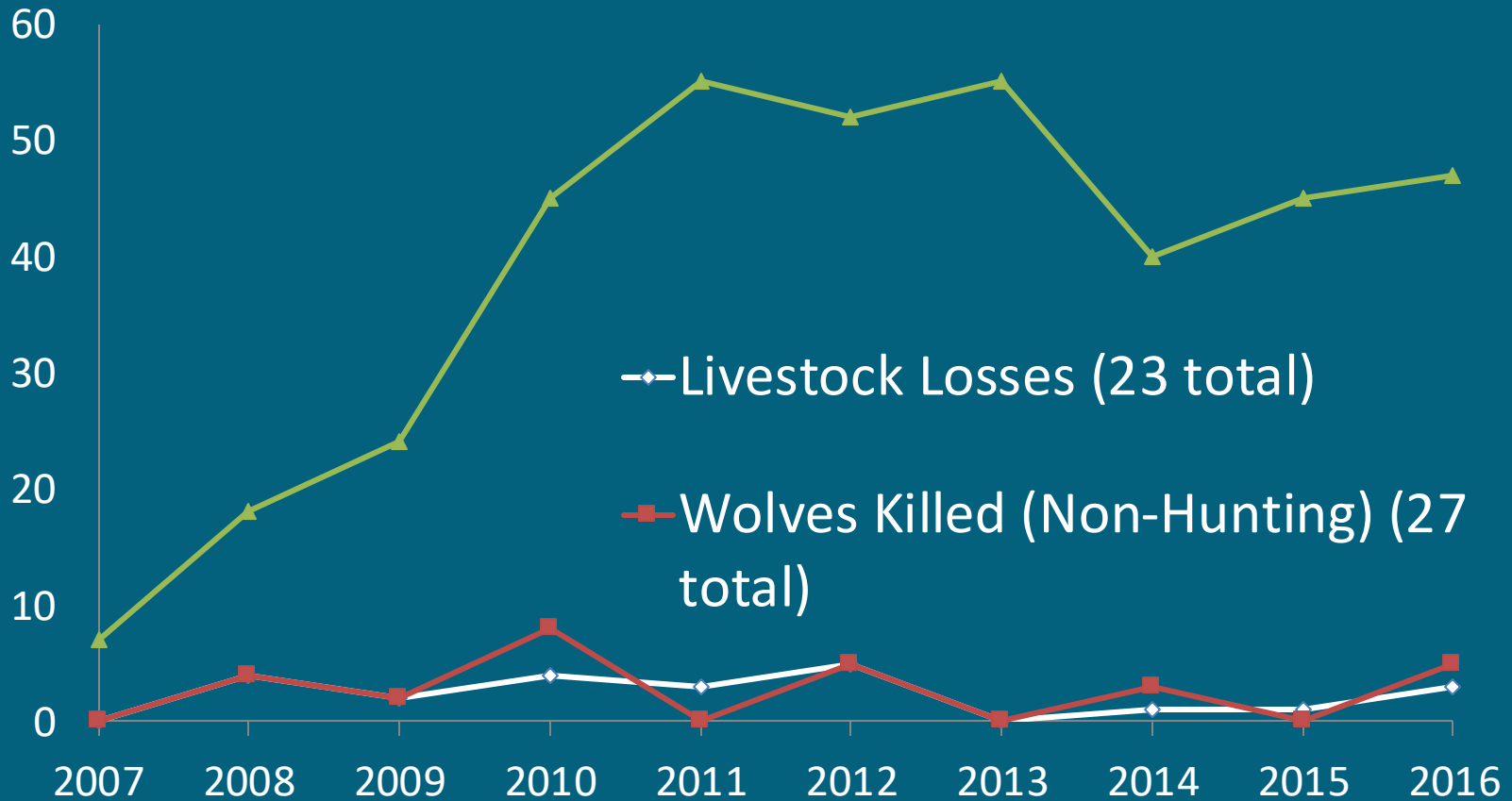
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MORE

Wolves Don't Have to Be Devastating

Blackfoot Challenge, Montana



Wilson et al. 2017

Goals For Today

- Background on wolf behavior particularly as it relates to livestock depredation
- Introduce and discuss some current methods being used for minimizing conflict
- Complement CSU Extension
- Answer questions

Wolf Social Structure



Wolves are Coursing Predators



Wolves Develop a “Search Image” for What They Consider Prey



Wolves Will Readily Scavenge



Popular Topics

Surplus Killing and Killing for Fun



Wolves are Neophobic

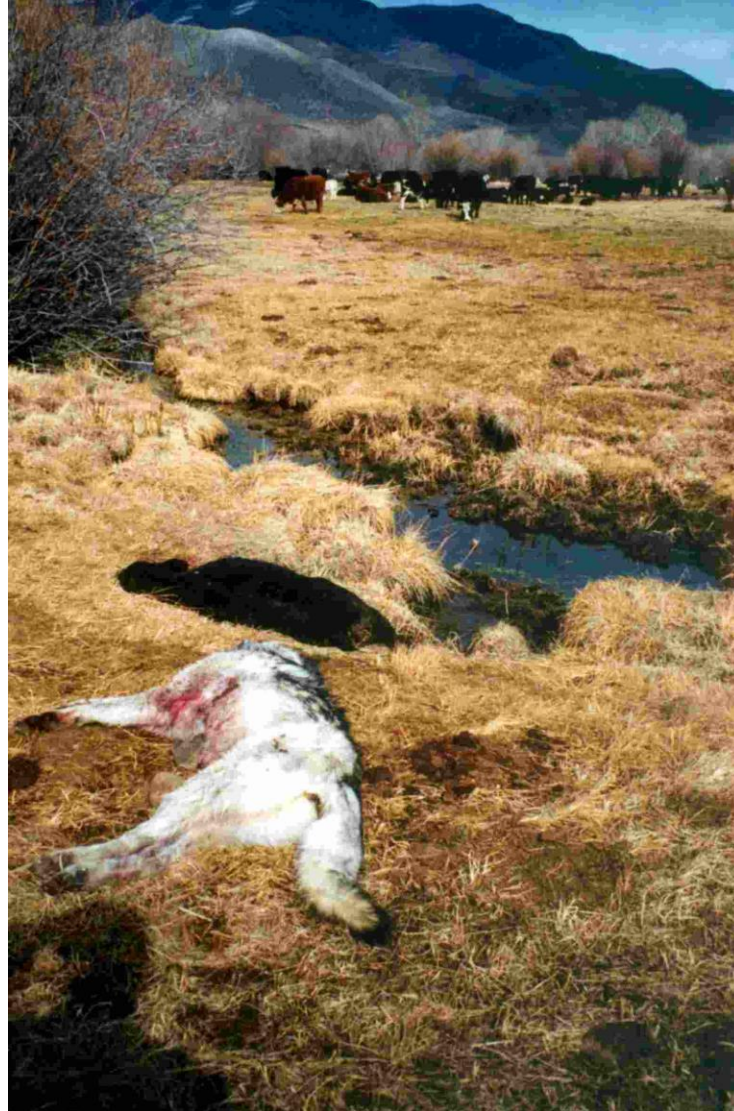


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Wolf Livestock Interactions



Avoiding Crisis Management



Some Common Preventative Techniques

Focus on Predators

Natural Fences

Electric Fences

Netting Fences

Fladry

Turbo Fladry

Visual repellents

Acoustic repellents

Projectiles

Electric Collars

Conditioned taste aversion

Focus on Livestock

Aggregate Grazing

Range Riding and Shepherding

Hotspots avoidance

Control of calving and lambing

Confining of livestock at night

Disposal of livestock carcasses

Livestock guarding animals

Dogs

Donkey

Llama

Integration is Key To Success



Knowledge of Livestock



Creativity of Natural
Resource Managers



Creativity of Ranchers



Knowledge of Predators

Predator Management Tools

Light Devices



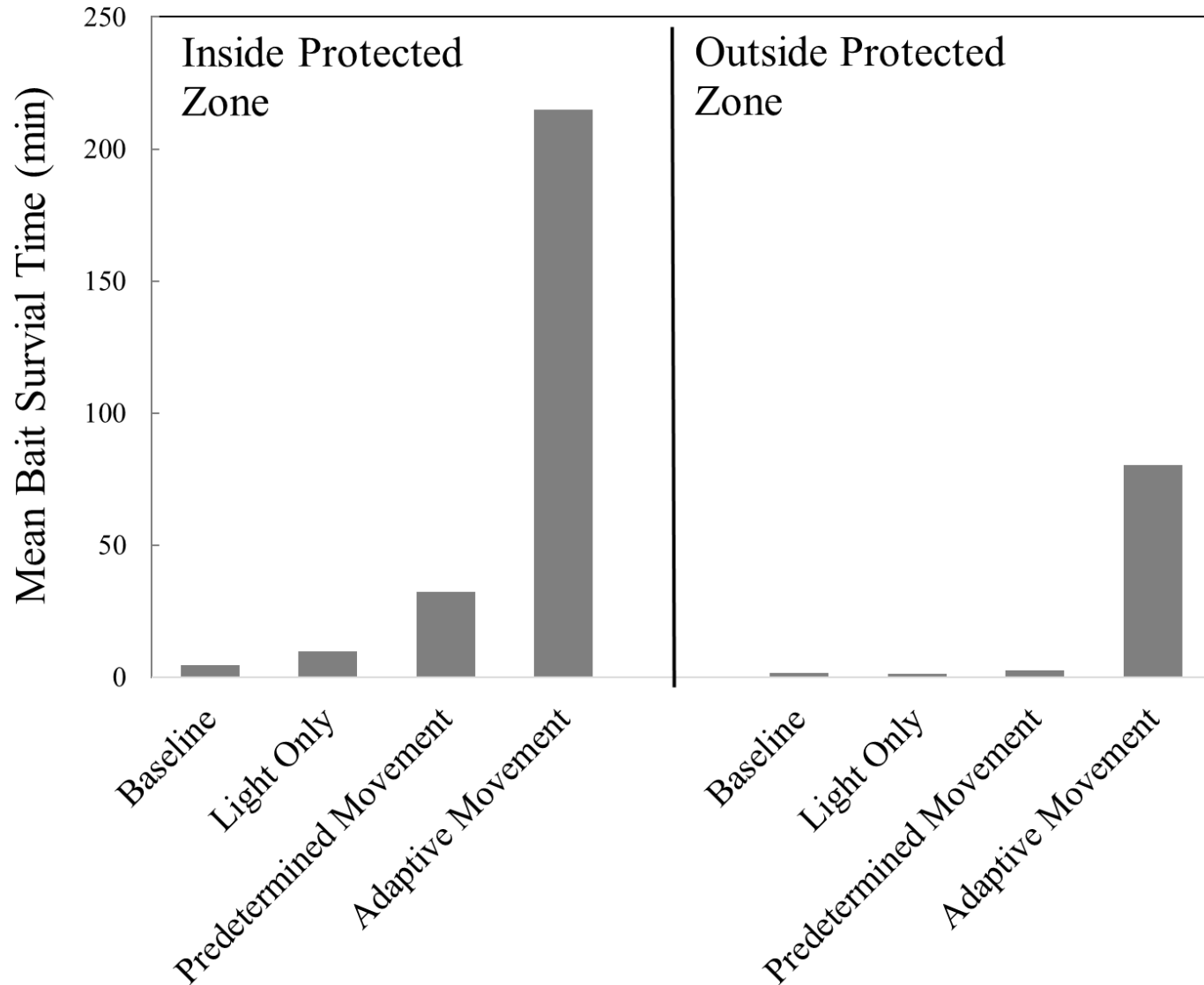


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Meatball Survival



Predator Management Tools

Fladry



Radio-Activated Guard

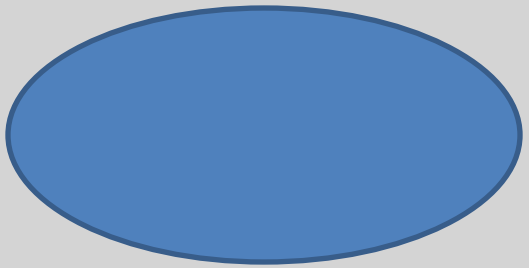
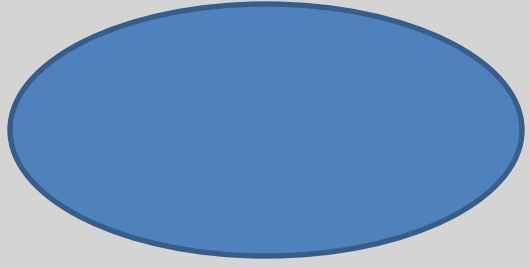
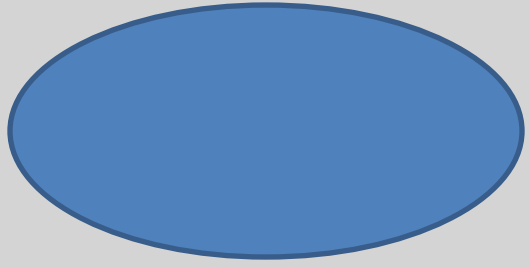
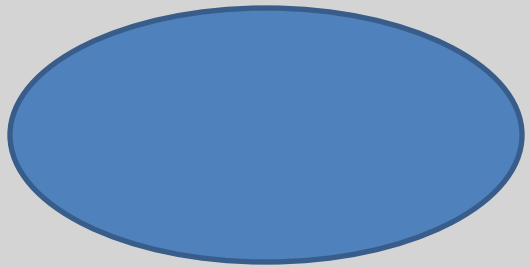


Livestock Protection Dogs



People Involved

People Not Involved

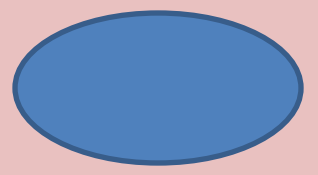
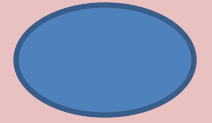


Flashing Light

Fox Light

RAG Box

Guard Dogs



Integrating and Incorporating People Idaho Wood River Project



Working Across Barriers



Managing Livestock



Current Research Projects



Fencing and Barriers



Range Riders



Carcass Removal

Aggregating Livestock in Predator Country



Ear Tag Deterrent







Current Projects

- Two Efforts Across 7 – 12 States
 - Wildlife Services Effort
 - NRCS – Conservation Innovation Grant (CoW CIG)



Questions?

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