

# How Adaptive Management May Benefit At-Risk Forests, Wildlife and Communities

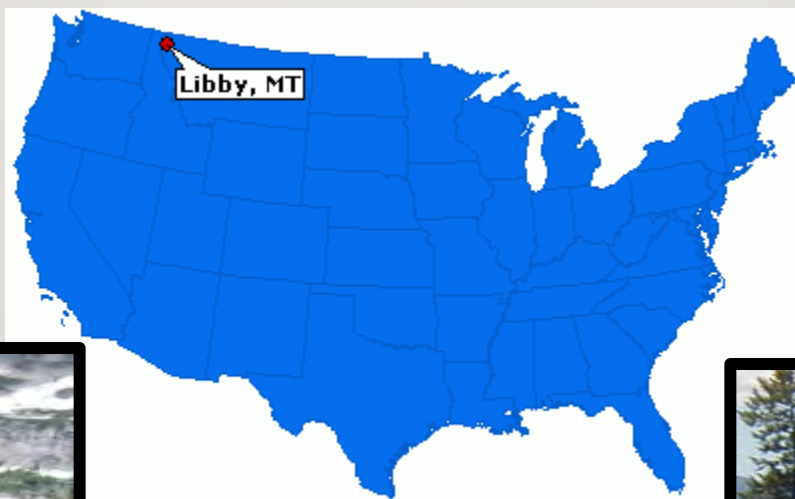


FOCUS: GRIZZLY BEARS





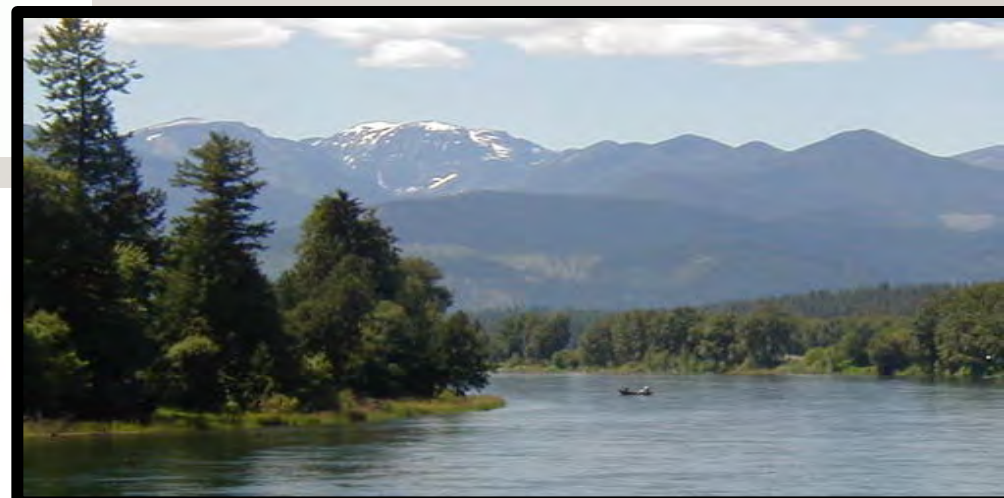
LIBBY



MONTANA



*Loggers*





# Forest Overview

## *The NW Montana Forest Landscape*

- 15,000 years ago, covered in ice.
- Native American management.
- 1910, Smokey the Bear.
- 2019 GAO Report on Forest Health.
- 2020 Montana Forest Action Plan.
- USFS and Kootenai Forest Risk Assessment.



Millions of acres of the  
forested west are  
overstocked and prone to  
disease and fire.



HABITAT IN  
JEOPARDY



# Adaptive Management: Part of the Answer?

## *What is Adaptive Forest Management?*

- Managing the forest to develop structural diversity that supports a wide range of biodiversity.

## *Why Adaptive Forest Management?*

- Promotes habitat that includes security and food sources for a wide variety of species found in our forests.
- Promotes forest resilience in the face of disease, insects, wildfire, climate changes while sequestering carbon.
- Promotes forest-to-community health.

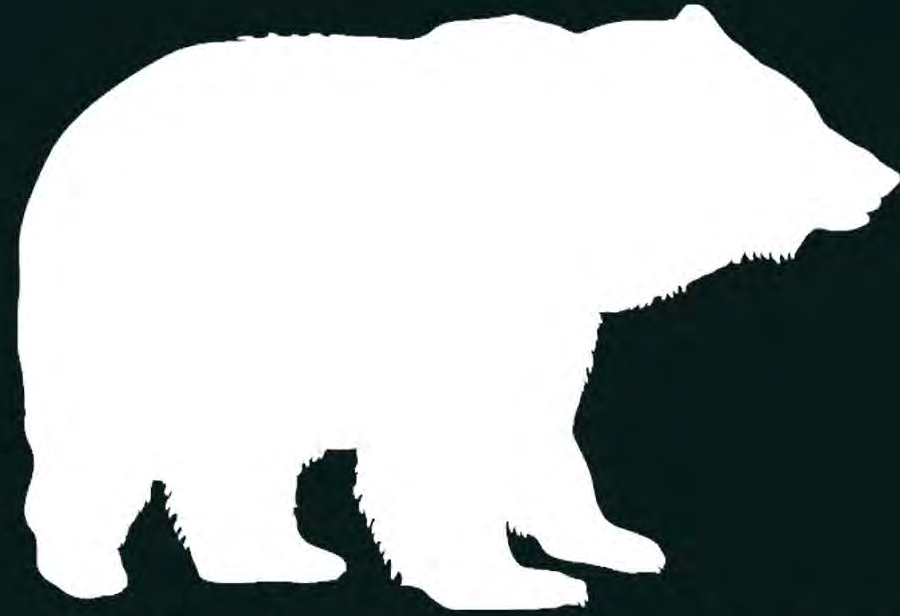


# Grizzly Overview

## *Grizzly Bear Augmentation*

- Cabinet Yaak Ecosystem.
- Security Addressed.
- Management Acreage Diminished.
- Canopy Closure, Forest Density Increasing.
- Habitat Efficacy In Question.





# **The Grizzly Corridor Model**

**An Adaptive Forest Management Approach**





Trees grow.

Regeneration with an objective...

3 years





# The Benefits of Adaptive Forest Management

SUPPORTING BIODIVERSITY

Increased wildlife habitat.  
Food filled niches for a  
variety of species.



HABITAT  
DIVERSITY



Protection of watersheds  
by preserving untouched  
areas along waterways.



WATERSHED  
HEALTH





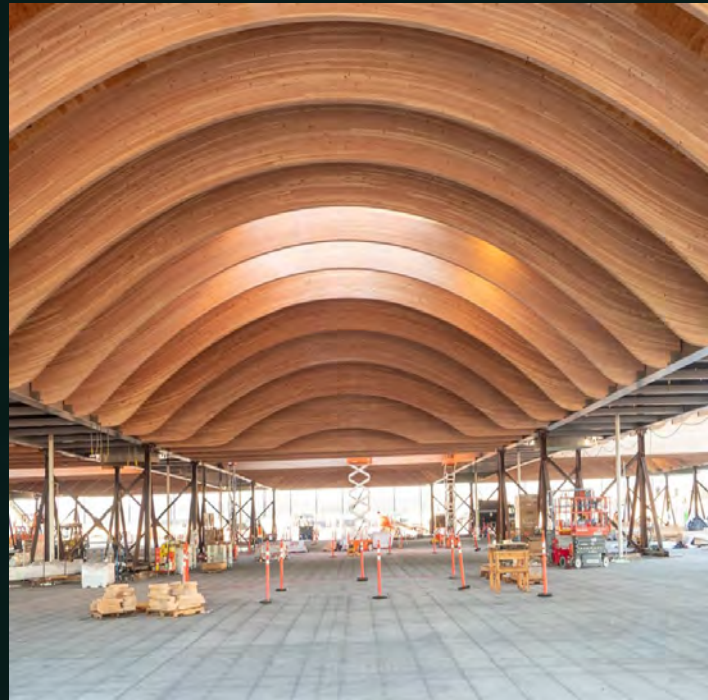
Improvement of forest health. Increase insect, disease, and wildfire resilience.



CARBON  
SEQUESTRATION



# CARBON SEQUESTRATION





## A Mutually Inclusive Approach



“Adaptive management may well be the way we balance the needs of the forest and forest species with the current reality of the forested landscape.”

- Chas Vincent

- Our communities will benefit from healthier forest landscapes. Our forests will benefit from an approach that includes both management and conservation.
- A focus on forest-to-community health supports the resiliency of the forest and the at-risk families in our forest communities.
- For more information visit Evergreen Magazine.

[www.evergreenmagazine.com](http://www.evergreenmagazine.com)



Our next project on  
Hecla lands will include  
research and peer-  
reviewed analysis.



GATHERING  
THE SCIENCE



# Thank you

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