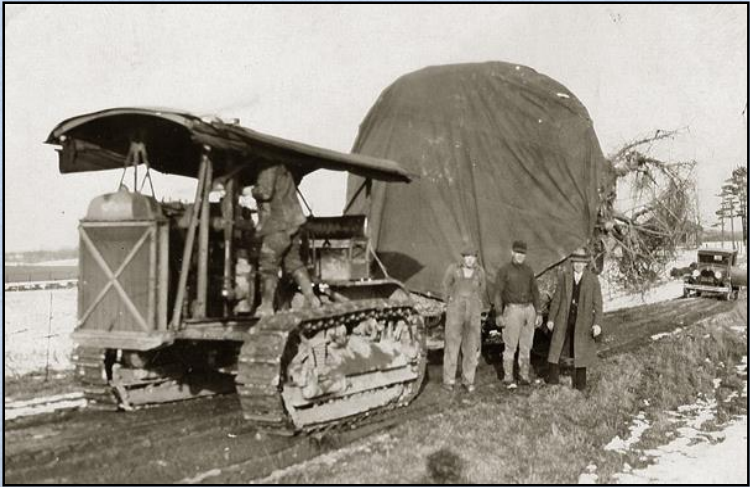


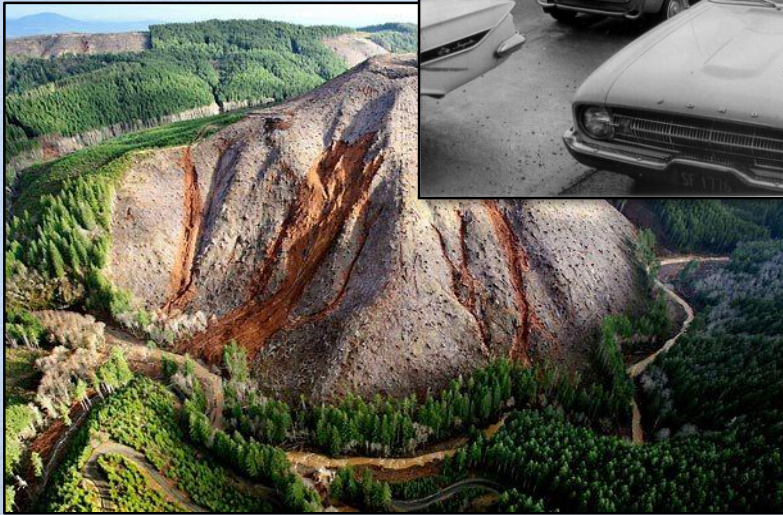
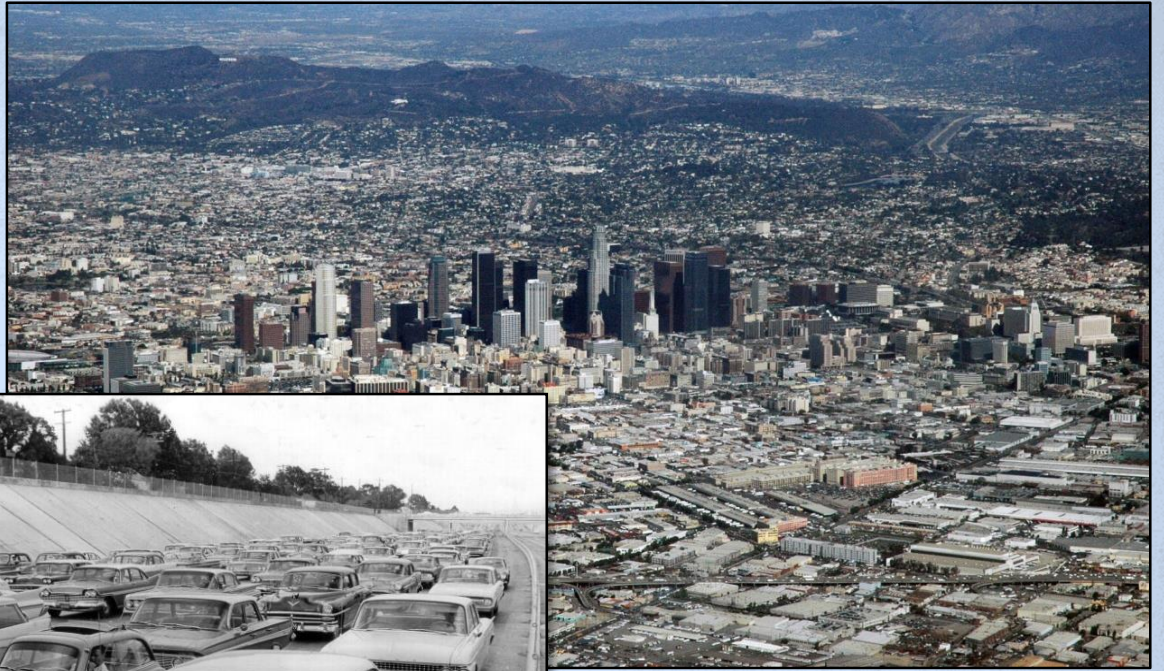
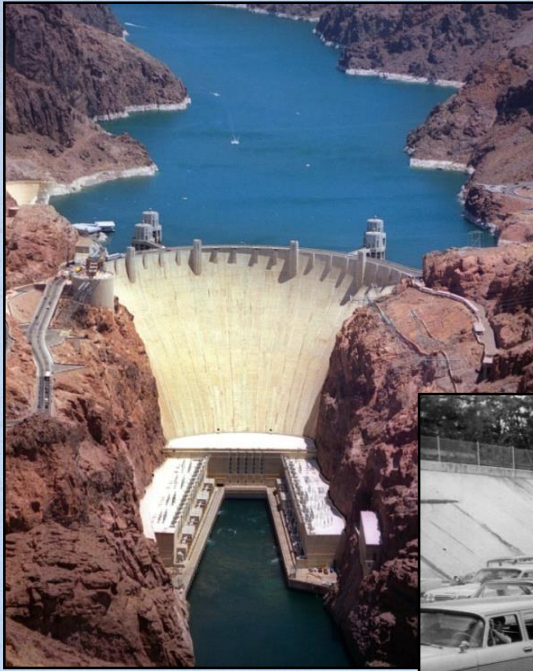
ARTHUR CARHART

National Wilderness Training Center

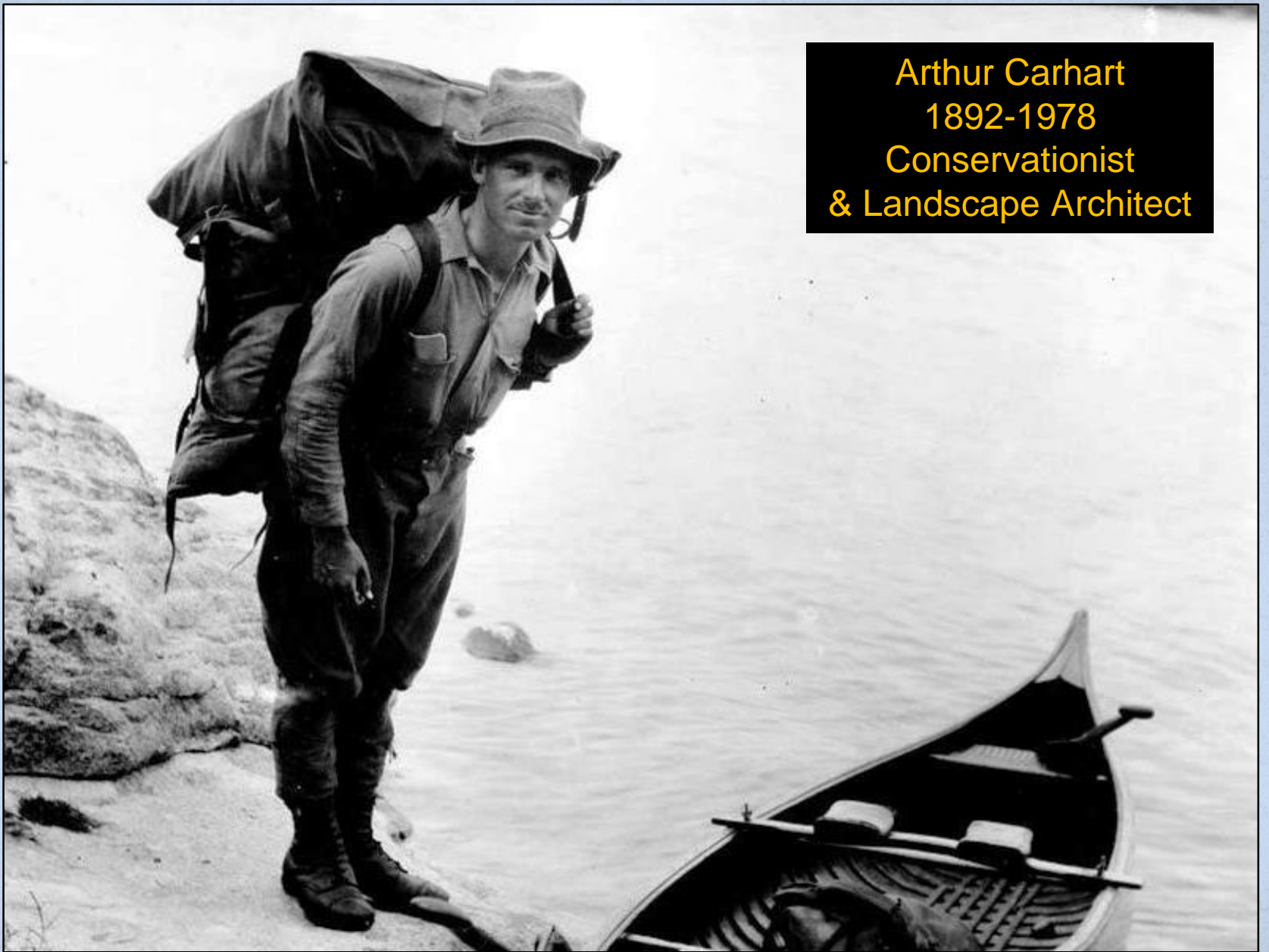








Arthur Carhart  
1892-1978  
Conservationist  
& Landscape Architect



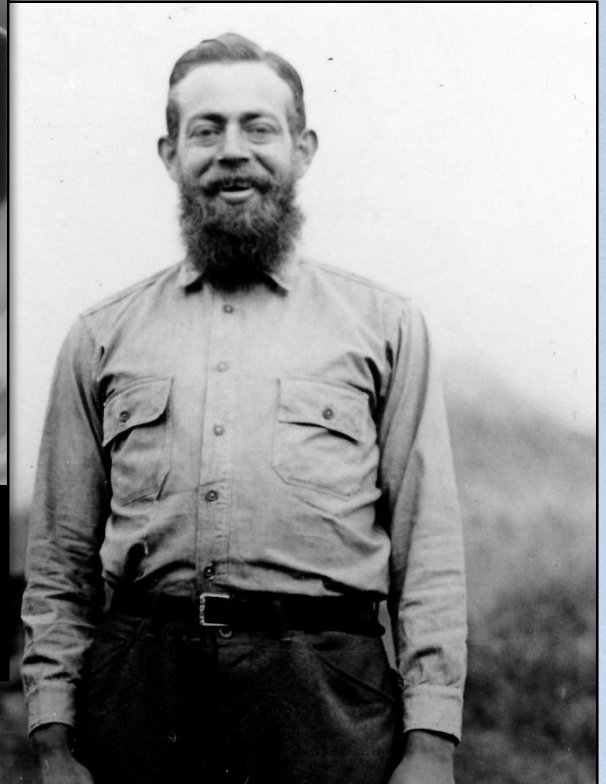
# The Wilderness Society



**Aldo Leopold**  
1886-1948  
Scientist, Author, & Philosopher



**Howard Zahniser**  
1906-1964  
Bureaucrat & Politician



**Bob Marshall**  
1901-1939  
Philanthropist & Adventurer

# Wilderness Act of 1964

## Finally, After:

- ✚ 3 decades of lobbying by the Wilderness Society
- ✚ 8 years of debate in Congress
- ✚ 66 different drafts of the wilderness bill
- ✚ 18 public hearings and 6,000 pages of testimony...

Congress voted nearly unanimously:

*“To establish a National Wilderness Preservation System for the permanent good of the whole people, and for other purposes.”*



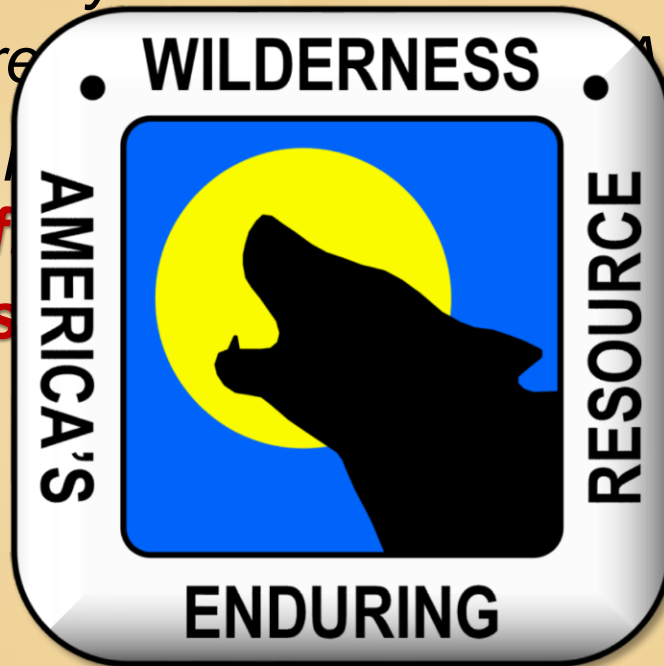
# Statement of Policy

*“...to assure that an increasing population, accompanied by expanding settlement and growing mechanization, **does not occupy and modify all areas** within the United States and its possessions, leaving no lands designated for preservation and protection in their natural condition...”*                      Sec 2(a)

# Statement of Policy

*“...it is hereby declared to be the policy of the Congress that the preservation of the people of the United States and their posterity is dependent upon the preservation of the natural resources of the United States, and that it is the policy of the United States to preserve for the benefit and enjoyment of the people of the United States the natural resources of the United States, and to protect them from impairment, depletion, or destruction.”*

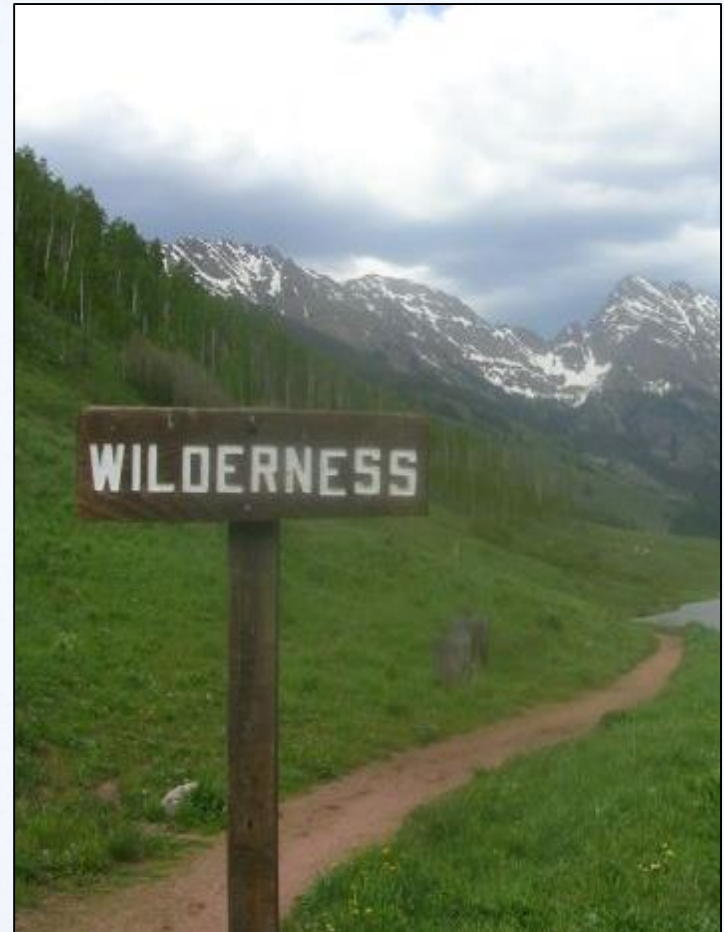
*Sec 2(a)*





# Definition of Wilderness

*“A wilderness, in **contrast** with those areas where man and his own works dominate the landscape... Sec 2(c)*



# Definition of Wilderness

❖ “...an area where the earth and its community of life are **untrammelled** by man, where man himself is a visitor who does not remain.”      Sec 2(c)

❖ “...**undeveloped** Federal land retaining its primeval character and influence, without permanent improvements or human habitation...”      Sec 2(c)



# Definition of Wilderness

- ❖ “...generally appears to have been affected primarily by the **forces of nature**, with the imprint of man’s work substantially unnoticeable...” Sec 2(c)
- ❖ “...has outstanding opportunities for **solitude** or a **primitive** and **unconfined** type of recreation...” Sec 2(c)



# Definition of Wilderness

- ❖ “...has at least five thousand acres of land or is of **sufficient size** as to make practicable its preservation and use in an unimpaired condition...”  
Sec 2(c)

- ❖ “...may contain ecological, geological, or **other features** of scientific, educational, scenic, or historical value.” Sec 2(c)



# Agency Responsibilities

*“... these [areas] shall be administered for the use and enjoyment of the American people in such manner as will leave them unimpaired for future use and enjoyment as wilderness, and so as to provide for the protection of these areas, the **preservation of their wilderness character...**”*

Sec 2(a)





# Agency Responsibilities

*“... each agency administering any area designated as wilderness shall be responsible for **preserving the wilderness character** of the area and shall so administer such area for such other purposes for which it may have been established as also to **preserve its wilderness character.**”*

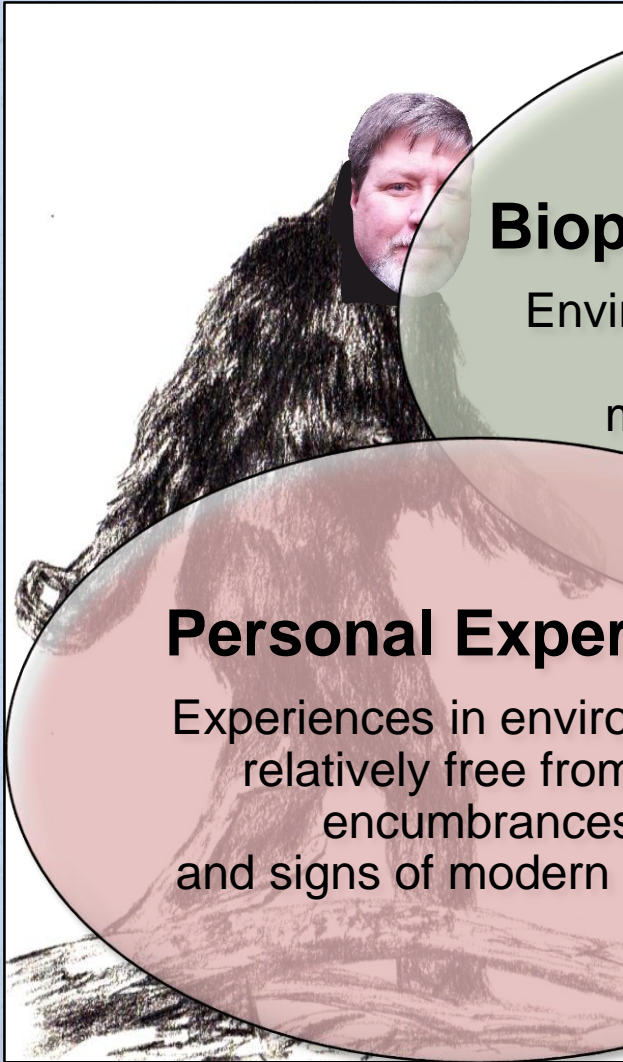
Sec 4(b)



# WILDERNESS GUIDE



# Wilderness Character

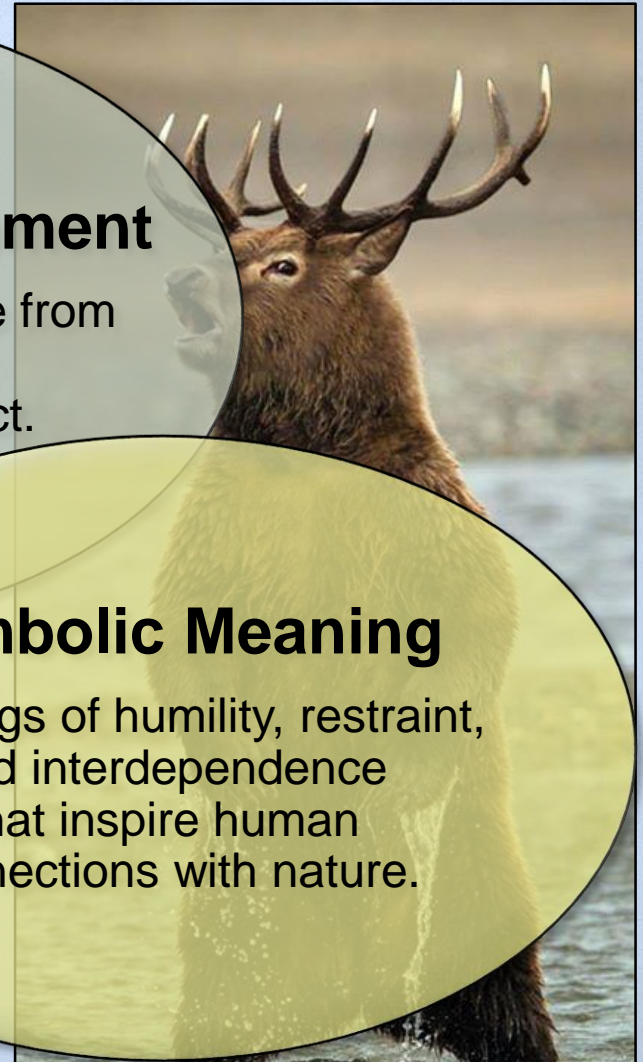


## Biophysical Environment

Environments primarily free from modern human manipulation and impact.

## Personal Experience

Experiences in environments relatively free from the encumbrances and signs of modern society.



## Symbolic Meaning

Meanings of humility, restraint, and interdependence that inspire human connections with nature.

# Wilderness Character



Untrammeled

Undeveloped

Natural

Outstanding Opportunities

Other Features of Value

# Wilderness Character

## Untrammeled:

Wilderness is essentially free from intentional **actions** of modern humans that control or manipulate the biophysical environment.

Untrammeled = Wildness



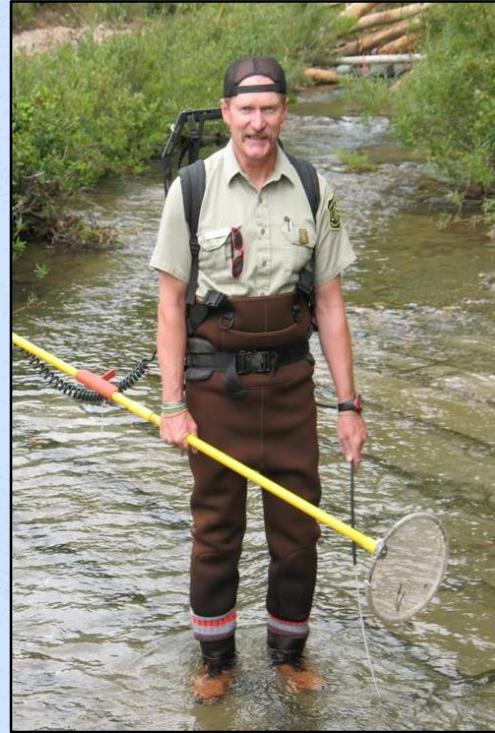
# Wilderness Character



## Degraded by...

Any action, authorized or otherwise, intentionally taken that controls or manipulates the biophysical environment.

# Impacts to Untrammelled



# Wilderness Character

## Undeveloped:

Wilderness is essentially without permanent improvements or other signs of modern human occupation. Primeval





# Wilderness Character



## Degraded by...

Non-recreational structures or installations.

Presence of inholdings.

Use of motor vehicles, motorized equipment, or other form of mechanical transport.

# Impacts to Undeveloped



# Wilderness Character

## Natural:

Wilderness ecological systems are substantially free from the **effects** of modern human civilization.



# Wilderness Character



## Degraded by...

Anthropogenic changes in native plant or animal populations, introductions of non-native species, or other changes to natural ecological conditions and processes.

# Impacts to Natural



# Wilderness Character

## Solitude or Primitive & Unconfined Rec:

Wilderness provides outstanding opportunities for separation from others and modern human civilization, travel by traditional means, risk, challenge, self-reliance, exploration, and freedom.



# Wilderness Character



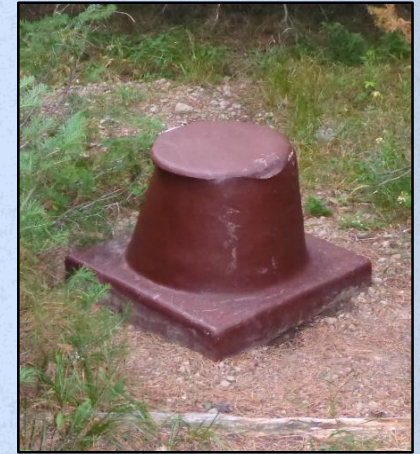
## Degraded by...

Agency-provided recreation developments.

Presence of other visitors and other sights and sounds of human activity.

Management restrictions on visitors.

# Impacts to Opportunities

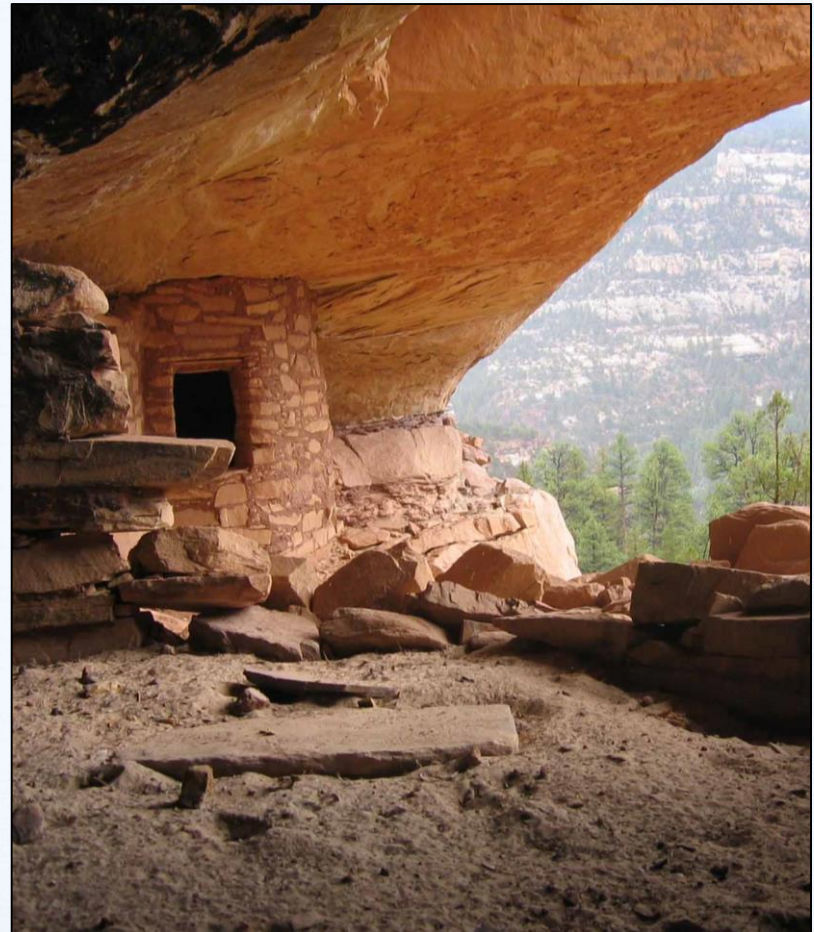




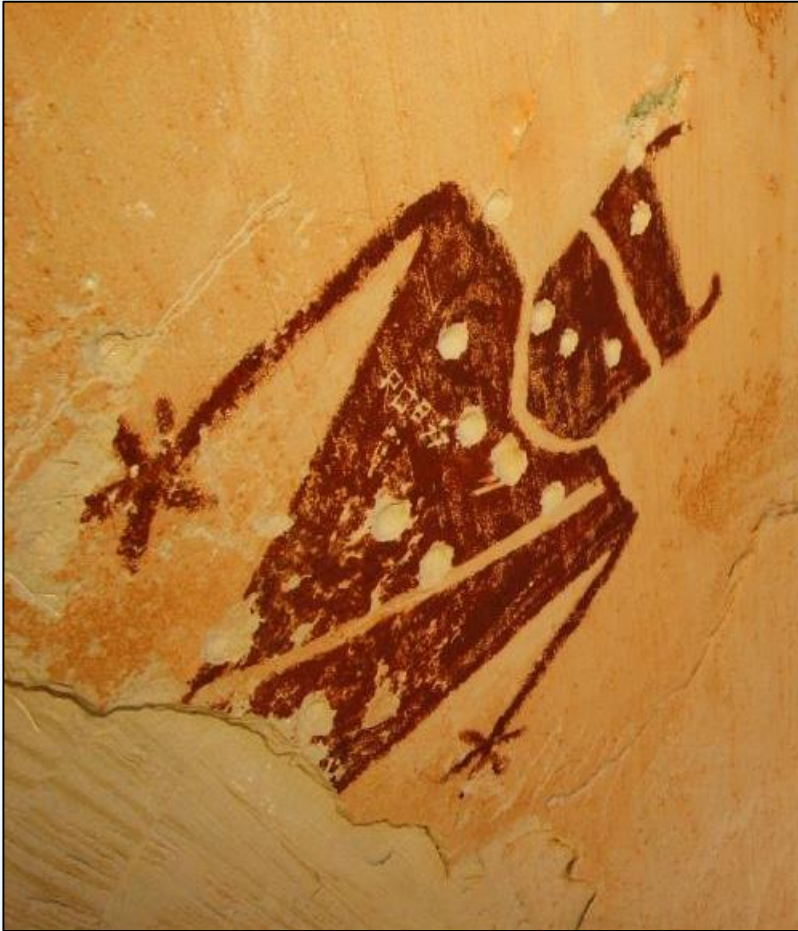
# Wilderness Character

## Other Features of Value:

Wilderness preserves other features of ecological, geological, scientific, educational, scenic, or historical value that are unique and **integral** to its character.



# Wilderness Character



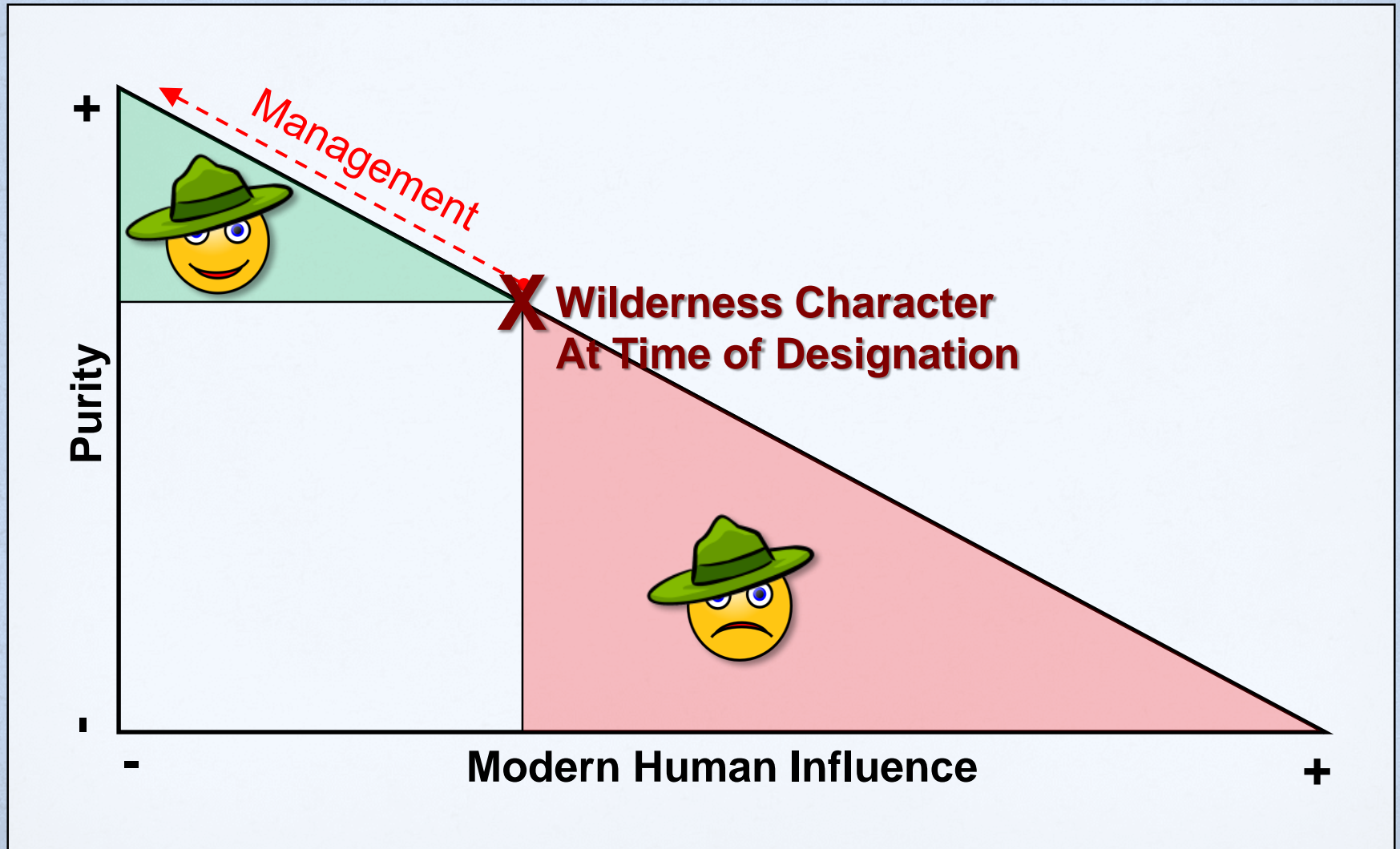
## Degraded by...

Deterioration or loss of integral features by direct human acts, such as vandalism, or unintentional damage by indirect human disturbance.

# Impacts to Other Features



# Wilderness Stewardship



# Wilderness Character

## Wilderness in Court:

- ✿ When plaintiffs claim an agency protects wilderness “too much” **the agency wins 90%**
- ✿ When plaintiffs claim an agency protects wilderness “too little” **the agency wins only 46%**

All recent court cases confirm agency responsibility for preserving wilderness character!

(From 287 cases involving wilderness character: Peter Appel, Stanford Environmental Law Journal, 2010.)

Questions?



# Prohibited Uses



- ❌ Commercial Enterprise
- ❌ Permanent Road
- ❌ Temporary Road
- ❌ Use of Motor Vehicles
- ❌ Motorized Equipment
- ❌ Motorboats
- ❌ Landing of Aircraft
- ❌ Mechanical Transport
- ❌ Structure or Installation

Sec 4(c)

# Prohibited Uses



## Exceptions:

- 1) “*Except as specifically provided for in this Act...*”
- 2) “*...subject to existing private rights...*”
- 3) Other provisions of law

**OR...**



# Prohibited Uses



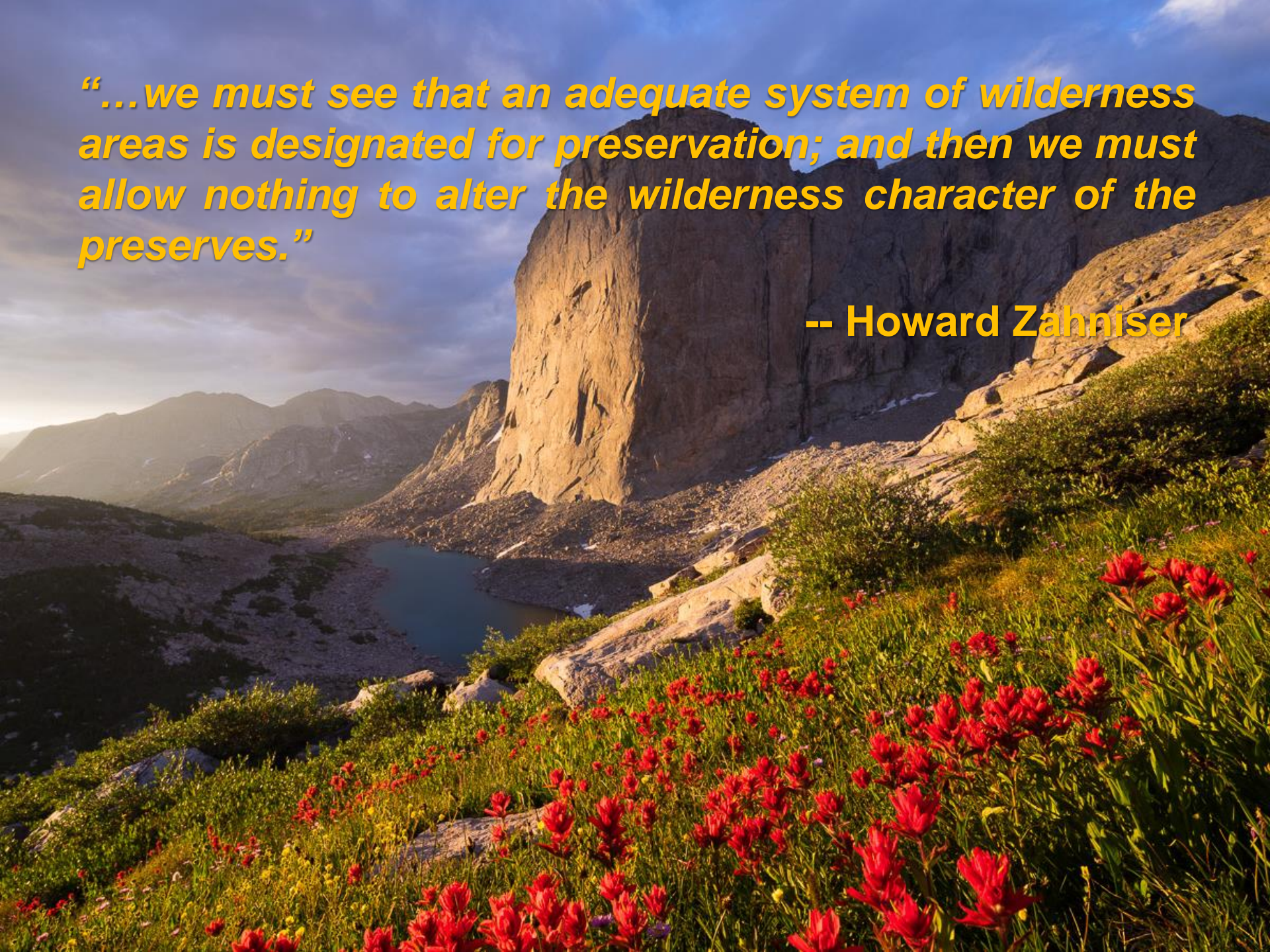
## Exceptions:

4) “...except as necessary to meet **minimum requirements** for the administration of the area for the purpose of this Act...”      Sec 4(c)

 **MRA**

*“...we must see that an adequate system of wilderness areas is designated for preservation; and then we must allow nothing to alter the wilderness character of the preserves.”*

**-- Howard Zahniser**





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