Endangered Means We Still Have Time

Close Your Eyes

Siberian tiger

Black-footed ferret

Grey wolf

Bald eagle

Desert tortoise

Cheetah

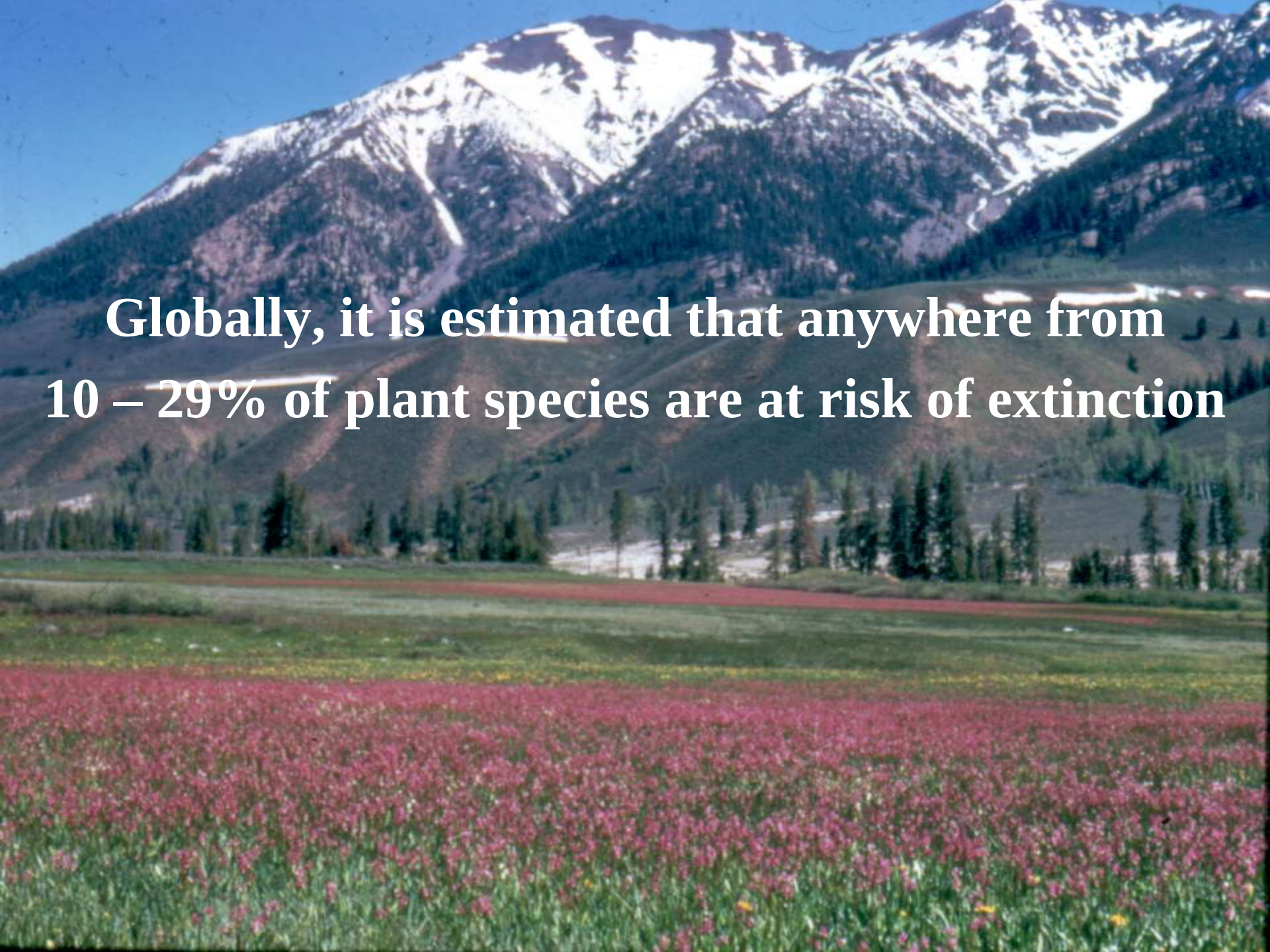
Utah prairie dog

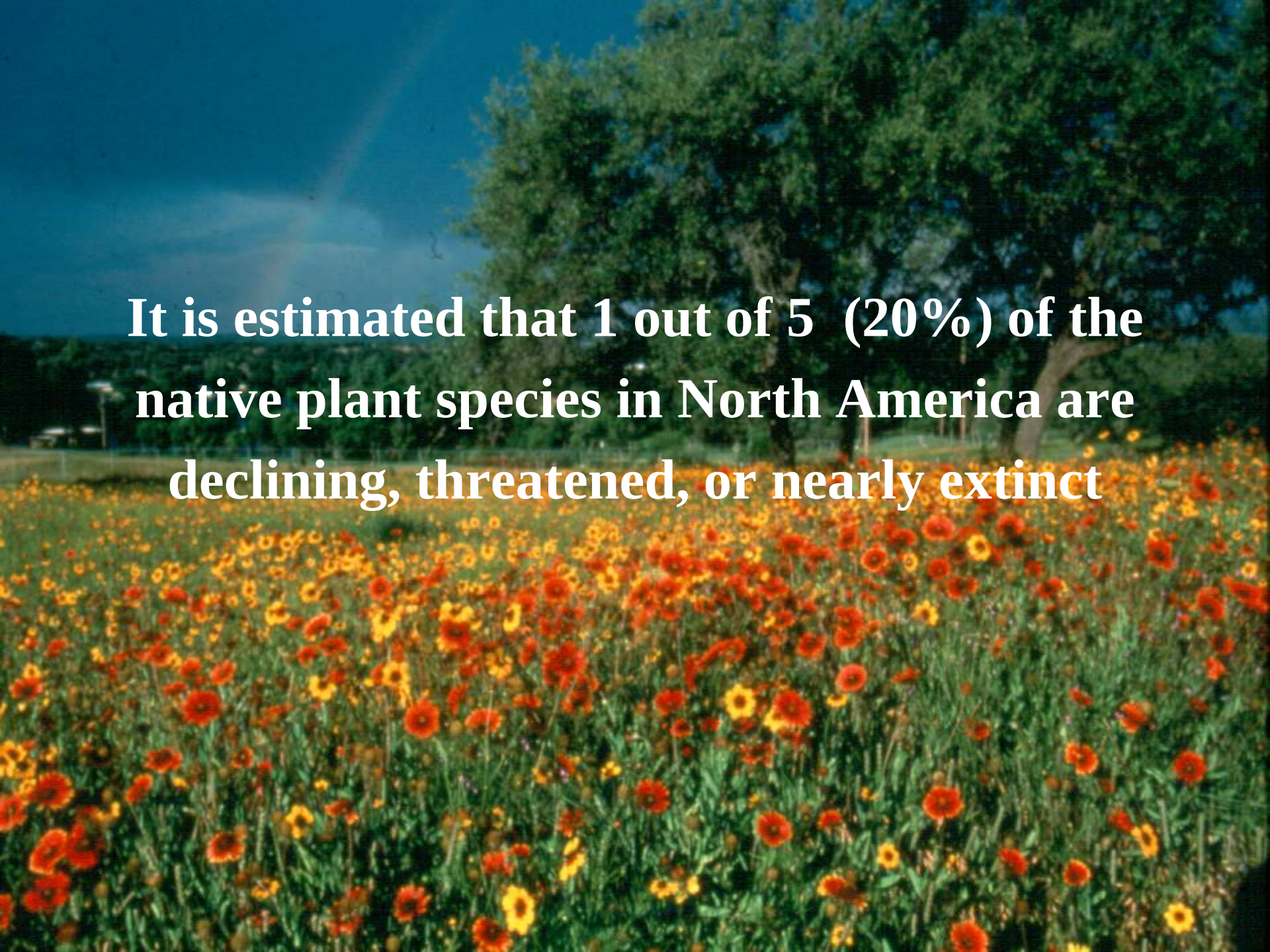
Close Your Eyes

Conservation Challenges in the United States

Approximately 20,000 native species in North America

More than 730
North American native
plant species are listed
as rare, threatened,
or endangered


Globally, it is estimated that anywhere from
10 – 29% of plant species are at risk of extinction


It is estimated that 1 out of 5 (20%) of the native plant species in North America are declining, threatened, or nearly extinct

Threats

- Urbanization
- Agriculture/Ranching
- Recreation
- Introduction of nonnative species
- Overcollection from the wild
- **Plant blindness**

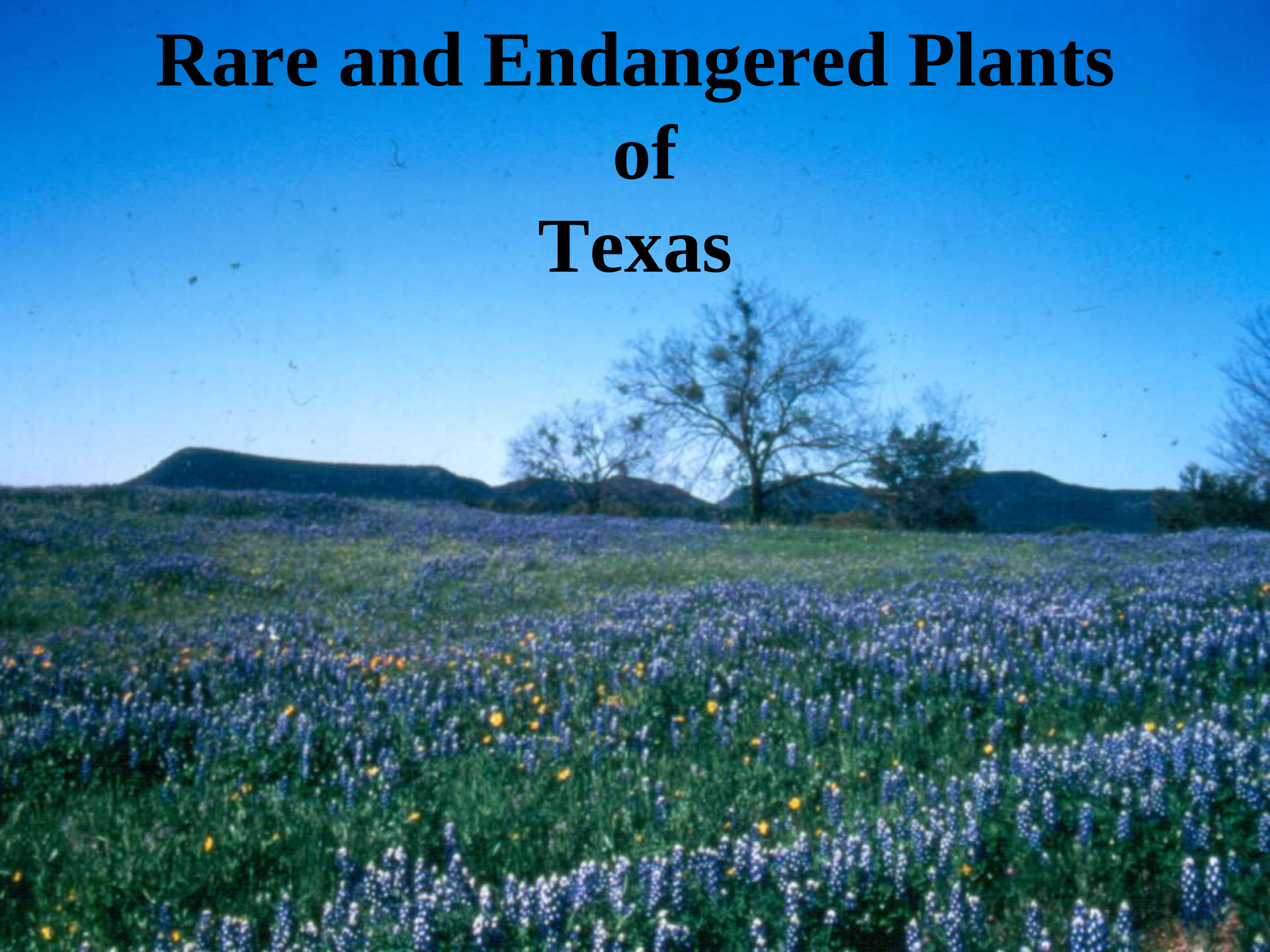
About 5,000 species of Texas native plants

23 listed endangered plant species

5 threatened plants

204 Species of Concern

Rare and Endangered Plants of Texas



Callirhoe scabriuscula

(Texas Poppy mallow)

Malvaceae

Listed as endangered January, 1981

Ten small populations in 3 counties

Threats included its restricted habitat, habitat loss, and overcollection

Ancistrocactus tobuschii
(Tobusch fishhook cactus)

Listed as endangered in 1979
About 35 populations in 8 counties
Threats include overcollection and habitat alteration

Echinocereus reichenbachii var. *albertii*

(Black lace cactus)

Listed as endangered in 1979

Only 3 known populations in 3 counties

Threats include habitat loss and overcollection

Coryphantha minima
(Nellie cory cactus)

Listed as endangered in 1979
Known from 3 sites, all on private land
Overcollection

Frankenia johnstonii

(Johnston's frankenia)

Listed as endangered in 1984

More than 50 populations in 3 counties

Candidate for delisting

Styrax plantanifolia var. *texanus*

(Texas snowbells)

Listed as endangered in 1984

Only 20 populations in 3 counties

Threats include herbivory

Manihot walkerae

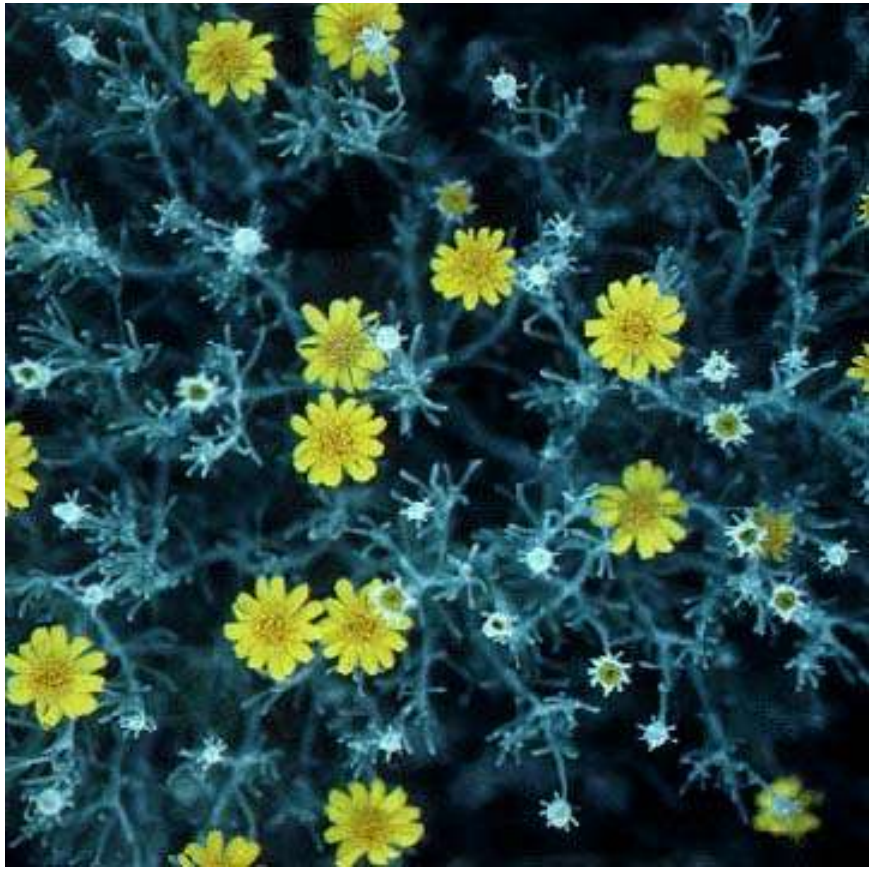
Walker's manioc

Listed as endangered in 1991

Only 4 populations in 2 counties

Habitat loss

Thymophylla tephroleuca
(Ashy dogweed)



Listed as endangered in 1984
Only 6 populations in 2 counties
Limited distribution; found only in certain soils in south Texas

Abronia macrocarpa

(Large-fruited sand verbena)

Listed as endangered in 1988

Only 7 populations in 3 counties

Habitat loss due to urbanization and agriculture

Spiranthes parksii
(Navasota ladies' tresses)

Listed as endangered in 1982
Known from 100 locations in 10 counties
Threats include strip mining and urban development

Zizania texana
(Texas wild rice)

Listed as endangered in 1982
Known only from a 2-mile stretch of the San Marcos River
Threats include urbanization, water use for agriculture, nonnative species, and recreation

What Can I Do?

- Educate yourself
- Don’t be afraid to ask questions
- Be vocal
- Set an example
- Get involved

Extinction is forever

Endangered means
we still have time