

Nevada Partners for Conservation and Development

Contact:

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Outline

- Nevada Partners for Conservation and Development (NPCD) habitat restoration
- Utah Partners for Conservation and Development (UPCD)
- Habitat projects across Nevada
- Project effectiveness monitoring
 - Success
 - Adaptive management

Nevada Partners for Conservation and Development (NPCD)

– 50,000 ft view

- Governor's 'War on Cheatgrass'
- Ecological problems and their magnitude
 - Pinyon-Juniper expansion
 - Annual grasses invading
 - Undesirable wildfire
 - » Loss of perennial understory
- New way to do habitat restoration in Nevada
 - Grassroots approach
 - Collaborative process
 - Inclusive

What the NPCD is and is not

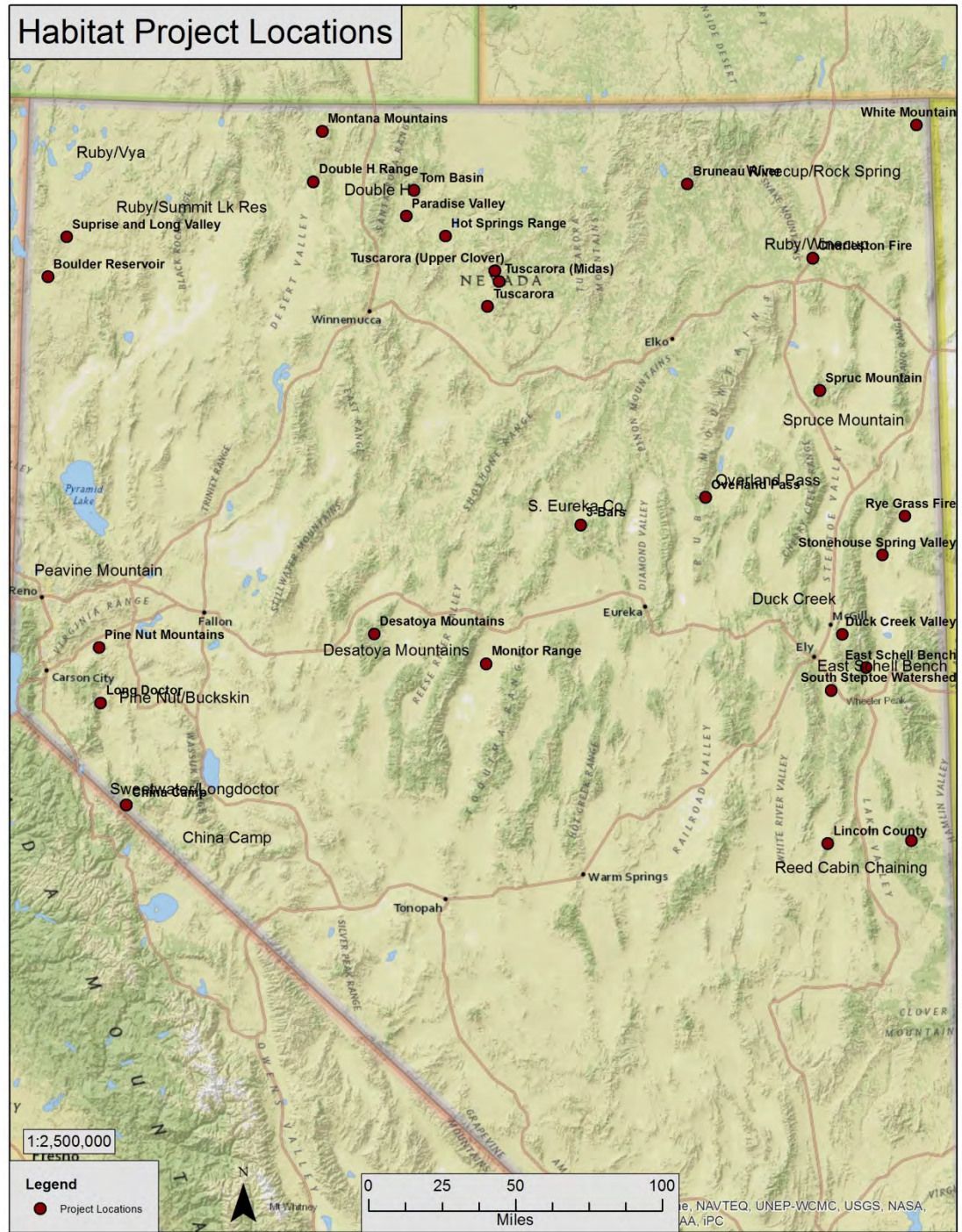
- Not a new planning effort
 - Act as implementation arm for existing planning efforts
 - Bi-State Action Plan
 - SANE (Strategic Alliance of Northeast Elko County)
- Not intended to disrupt ongoing agency or other entities' restoration work
 - Add value and expand scope on existing projects
- Additional intentions:
 - Facilitate diverse coalition building
 - Initiate new on-the-ground project work
 - Aid in pre and post-treatment monitoring
 - Implement projects that address scale of problem

UtahPCD as Case Study

- Why has UtahPCD been successful?
- Formed ~15 years ago
- Treated > 1,900,000 acres to date
- Diverse partnerships
 - ALL stakeholders including adversarial groups
 - Local working groups
- Projects of various size and purpose
 - Scale of projects addresses scale of problem
- Cross boundaries
 - Weeds and fire pay no attention to arbitrary boundaries
- Funding
 - BLM and other federal and state agency project dollars
 - State legislature support on annual basis
 - Leverage funding 2:1 up to 4:1 match
 - » *in some cases up to 9:1*

Habitat Project Locations

- More projects underway
- Various stages of progress
- Public and private lands
- Collaborative work



Double H Range Post Fire



Double H Range Fire Revegetation





Pinyon Juniper (PJ) Project Outcomes

- PJ vegetation removal
 - Site not seeded
 - 7 year interval
 - Perennial vegetation
-
- Ecological site is typical for much of Great Basin



Rye Grass Fire Revegetation





Rye Grass Fire Revegetation

Rye Grass Fire Revegetation



Izzenhood Basin



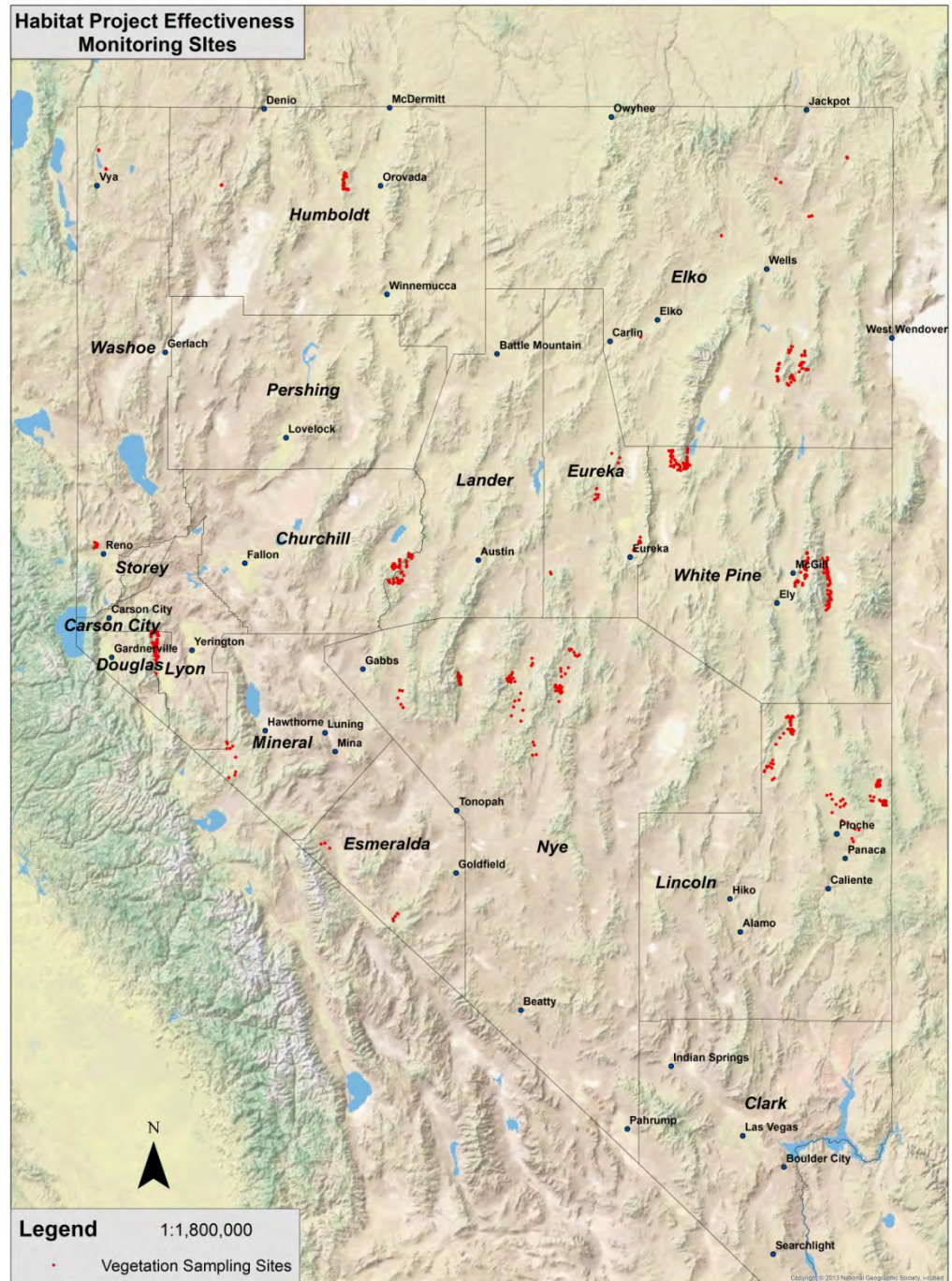
Izzenhood Basin



Project Monitoring

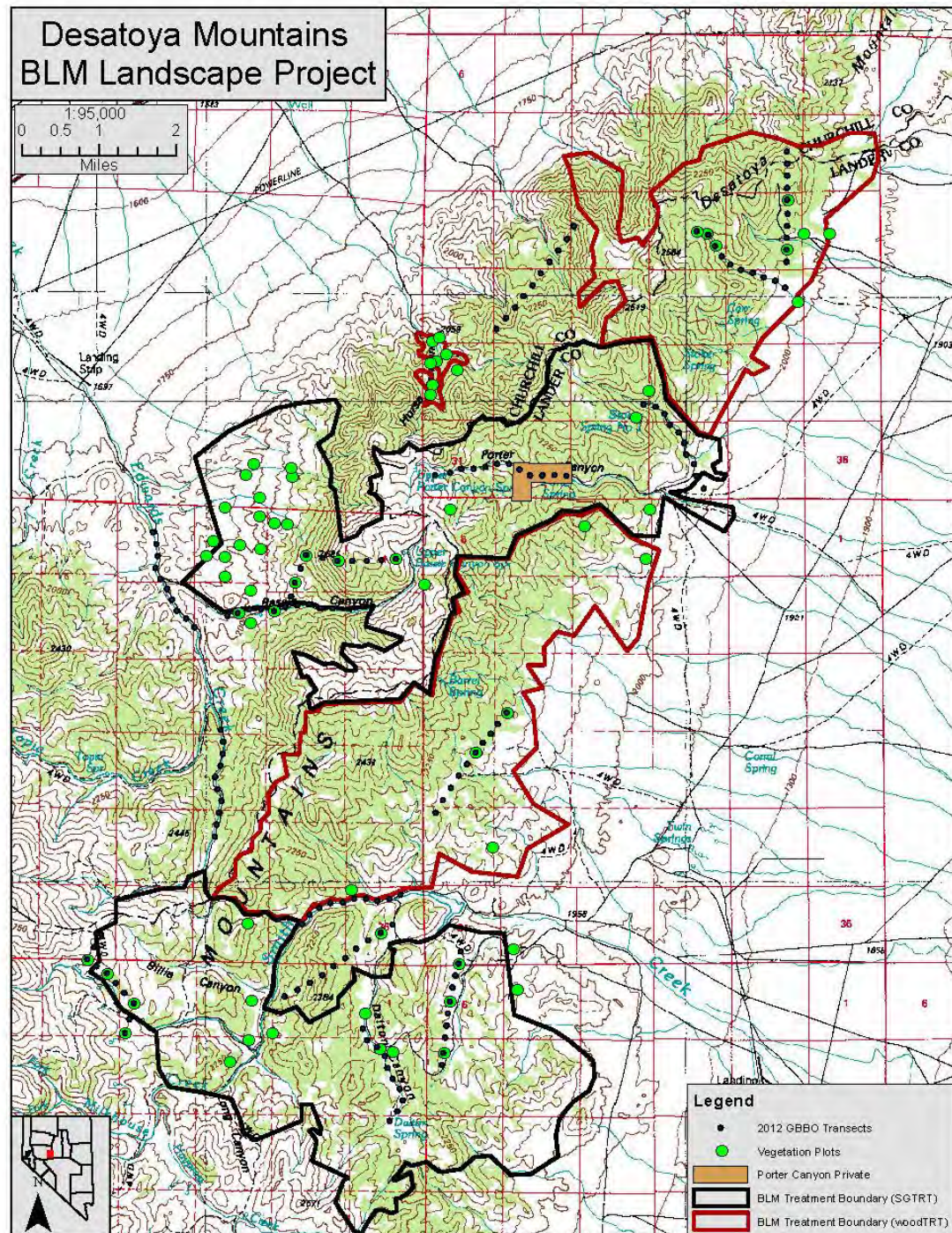
- Is *NOT* endless science
- Vegetation
- Birds
 - Sage-grouse
- Mammals

We must demonstrate project effectiveness to prevent sage-grouse listing



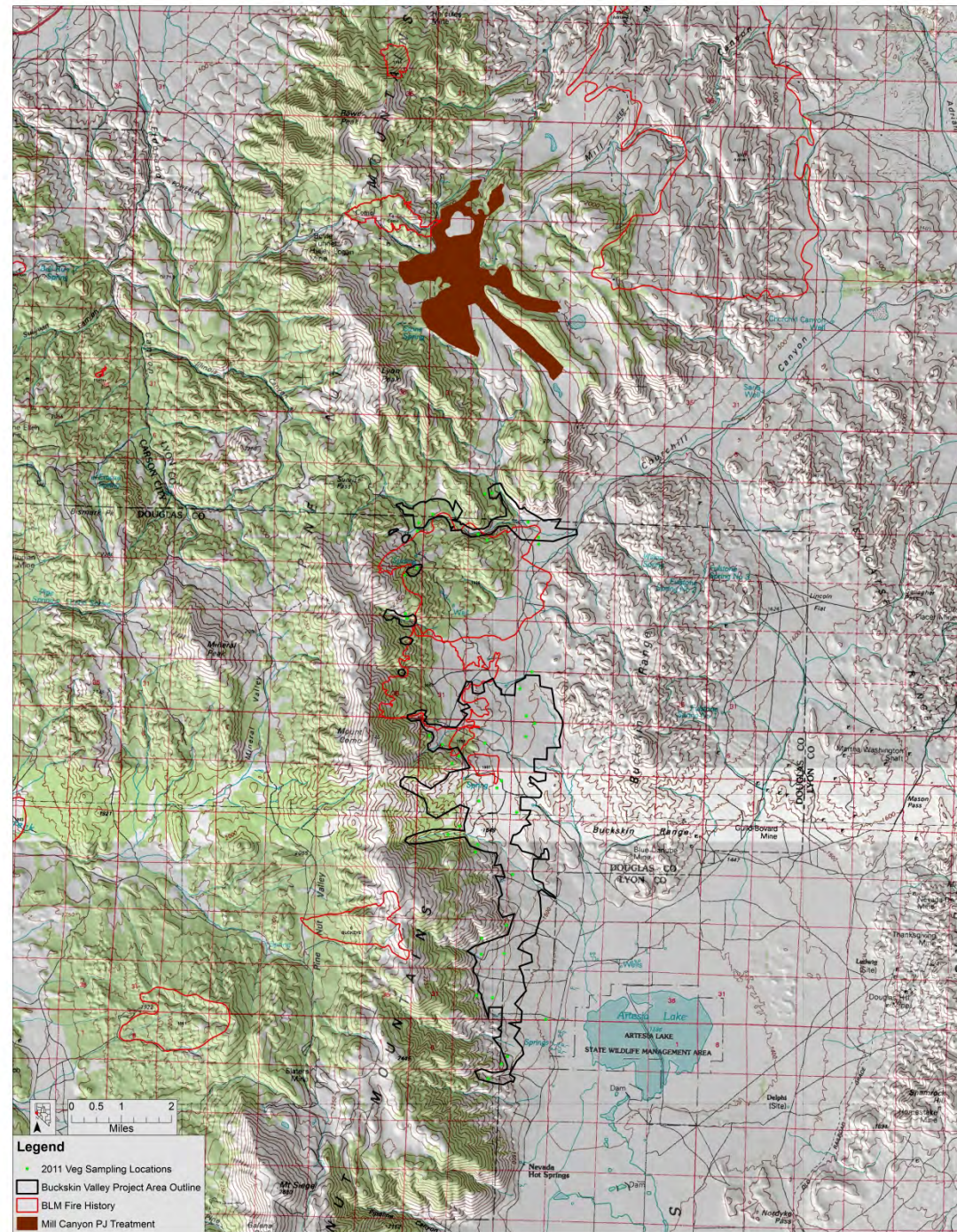
Project Monitoring Desatoya Mountains

- Vegetation
 - PJ treatment responses
- Birds
 - Breeding
 - Sage-grouse GPS
 - Pinyon Jay GPS
- Mammals
 - Mule deer
 - Other game
 - Bats and non-game



Restoration Planning: Pine Nut Mountains

- Soil types
- Contours
- Presence of invasives
- Fire History
- Current condition of veg
- Game and non-game wildlife
- Sensitive or listed species
- Cultural sites
- Land ownership
- Potential partners
- Funding sources



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An aerial photograph of a mountainous landscape. The foreground and middle ground show a valley with a mix of green vegetation and brownish, cleared areas. Two white arrows point to specific regions: one on the left and one in the center-right. The background features a range of rugged, brown mountains under a clear blue sky.

Ash Creek Fuels Treatment

Blue Springs
Fire

Mill Canyon Pine Nut Mountains

