

• COLORADO NATURAL
HERITAGE PROGRAM •



Welcome to the 2018 CNHP Partners Meeting!



Lory Student Center Grand Ballroom D
8:00-4:30 March 9, 2018

Wifi Network: csu-guest

Welcome and Introductions

- Bathrooms
- Lactation Rooms
- AEDs

Wifi Network: csu-guest



Welcome and Introductions

- Purpose, overview of the day
- Welcome from Dean Hayes
- Intro around the room
- Meet your neighbor
- Meet the students



Acknowledgments

- John Hayes, WCNR Dean
- Bryce Maxell, Allan Cox, Gary Beauvais
- Rick Schneider and Renée Rondeau
- All of our speakers today
- CSU Students
- CSU Conference Services- Josephine, Jason, Ashleigh, and others!
- And of course, you!



Timekeeper



- Sierra Crumbaker

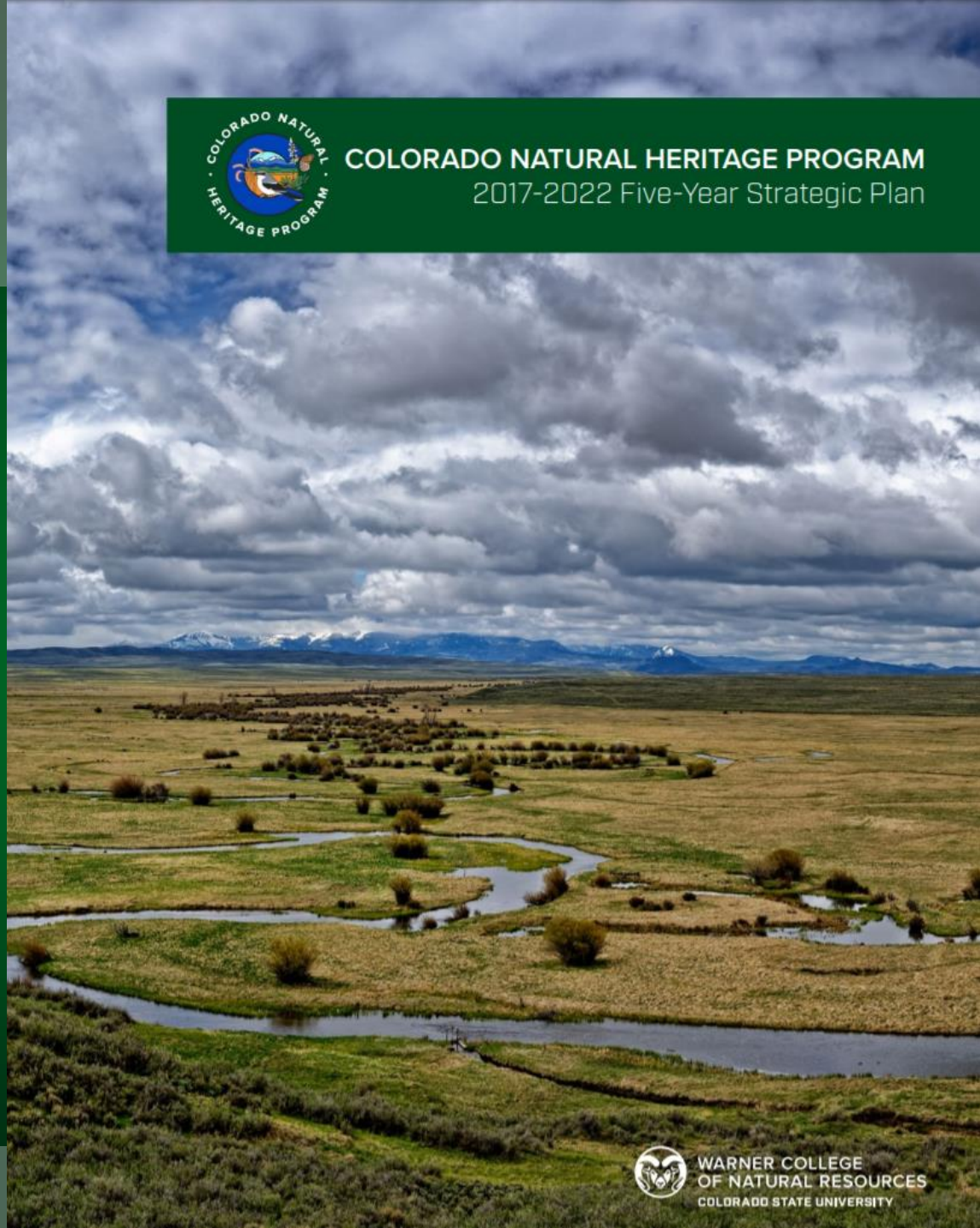


Our New Strategic Plan



COLORADO NATURAL HERITAGE PROGRAM
2017-2022 Five-Year Strategic Plan

Available at:
www.cnhp.colostate.edu



WARNER COLLEGE
OF NATURAL RESOURCES
COLORADO STATE UNIVERSITY



Partners Meeting Bingo

- A fabulous prize for each winner

Partners Meeting Bingo!				
CPW	Forest	Representative Concentration Pathway	Internet	Natural
Hickenlooper	Land	Zinke	BLM	Database
Agencies	Ranchlands	Colorado Blue Columbine (Free Space)	Social	Parks
Interns	People	Climate	Range	Beetles
Wildlife	College	Obama	Bureau	Networks

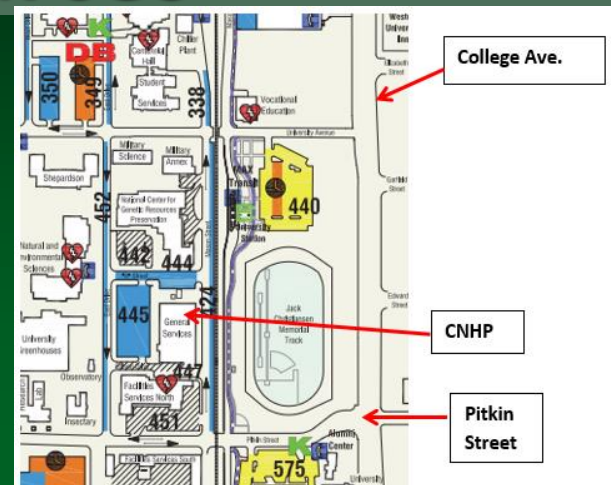


CNHP is part of CSU's Warner College of Natural Resources

Colorado State University



WARNER COLLEGE OF NATURAL RESOURCES
COLORADO STATE UNIVERSITY



We are part of the NatureServe Network



NatureServe
Network Program



We are part of the NatureServe Network



A Network Connecting Science with Conservation

80+ NETWORK PROGRAMS
IN THE UNITED STATES,
CANADA, AND
LATIN AMERICA

OVER
1,000
CONSERVATION PROFESSIONALS

**POWER
OF THE
NETWORK**

www.natureserve.org

The Network collects, analyzes, and distributes detailed scientific data about plants, animals, and ecosystems in their jurisdictions

70,000+ Species Assessed

1,600+ Ecosystems Mapped



OVER 6 MILLION
ANNUAL DATA
REQUESTS

11 INTERACTIVE
ONLINE DATA
TOOLS

OVER 1 MILLION
MAPPED LOCATIONS
OF AT-RISK SPECIES

OVER 2,000
SCIENTIFIC
PUBLICATIONS

OVER 5,000
PARTNER
ORGANIZATIONS

NETWORK-WIDE
BUDGET OF OVER
\$60 MILLION

0
LOBBYISTS

0
LAWYERS

WINNER OF THE MACARTHUR AWARD FOR CREATIVE AND EFFECTIVE INSTITUTIONS



Homo aquatilis (G1)



The Partners Meeting

- 1st Partners Meeting:
January 14, 2014
 - 75 in attendance
 - 32 organizations
- 2nd Partners Meeting:
January 14, 2016
 - 141 RSVPed
 - 63 organizations
- 3rd Partners Meeting:
March 9, 2018
 - 153 RSVPed
 - 68 organizations



Colorado Natural Heritage Program

About Us ▾

Our Work ▾

Our Services ▾

Our Data ▾

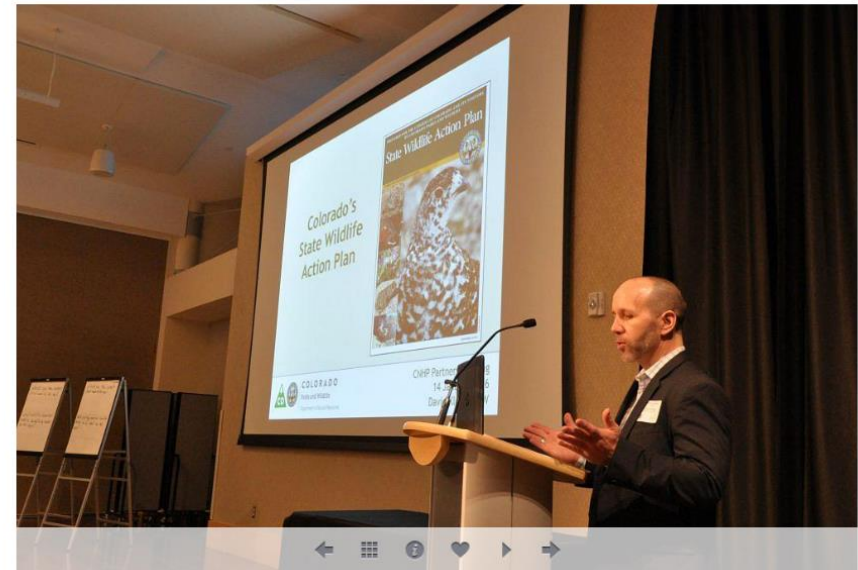
Maps ▾

Library ▾

Click a link below for details on current and past meetings.

- ✓ 2018 CNHP Partners Meeting
- ✓ 2016 CNHP Partners Meeting
- ✓ 2014 CNHP Partners Meeting

The CNHP Partners Meeting is a forum for communication across Colorado's conservation organizations. Our intention in hosting this meeting is to bring our community together to strengthen our collective network, build connections that make us all more effective, and identify priorities that we can address together. For a full conference schedule for the 2018 meeting, please see below.



Purpose of Today's Meeting

Happy Birthday Sarah Marshall!!!

CNHP Wetland Ecologist



Purpose of Today's Meeting

- Connect the key members of Colorado's Conservation Community
- Address your priorities identified at the 2016 Partners Meeting
- Provide a forum for communication across conservation efforts
- Enhance our collective effectiveness (networking, de-siloing, leveraging)
- Highlight successes and important developments
- What priorities can we address together, and how can we do that?



Agenda

8:00-9:00	Sign-in, coffee, snacks, networking
9:00-9:10	Welcome and meeting overview: David G. Anderson
9:10-9:25	Welcome from Dr. John Hayes, WCNR Dean
9:25-9:45	Who are we? Social Network Exercise, CNHP Donors, CNHP Students
9:45-10:20	Conservation Updates: Amy Greenwell, Daly Edmunds, Heather Schinkel, Eric Odell
10:20-10:40	Break
10:40-12:00	Panel 1- Colorado's Conservation and Environmental Review Tool (CERT)
12:00-1:00	Catered Lunch (Taco Bar)
1:00-2:30	Panel 2- Natural Climate Solutions: Benefits for Nature and People
2:30-2:45	Break
2:45-4:15	Panel 3- Private Land Conservation Services
4:15-4:30	Closing Remarks and Questions
4:30	Adjourn
4:30-8:00	Happy Hours in the Ramskeller



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Welcome to CSU!



Upcoming University Projects Starting Spring 2015

Colorado State University

The map shows the following projects:

- Chemistry Research Building** (Winter 2016 - Fall 2017)
- Biology Building** (Fall 2015 - Fall 2017)
- S. College Avenue Parking Garage** (Fall 2015 - Summer 2016)
- Stadium** (Spring 2015 - August 2017)
- Aggie Village Redevelopment** (Winter 2015 - Summer 2016)
- UCA Fine Arts** (Spring 2015 - Winter 2015)
- CSU Health & Medical Center** (Winter 2016 - Spring 2017)
- Equine Hospital**
- Institute for Biological & Translational Therapies**
- Research Boulevard Parking Lot**
- CSU Horticulture Center**
- Aggie Village Redevelopment** (Winter 2015 - Summer 2016)
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FACILITIES MANAGEMENT
DRAFT Oct. 21, 2015



Welcome to CSU!



Welcome to CSU!



Welcome to CSU!



Welcome from WCNR Dean John Hayes

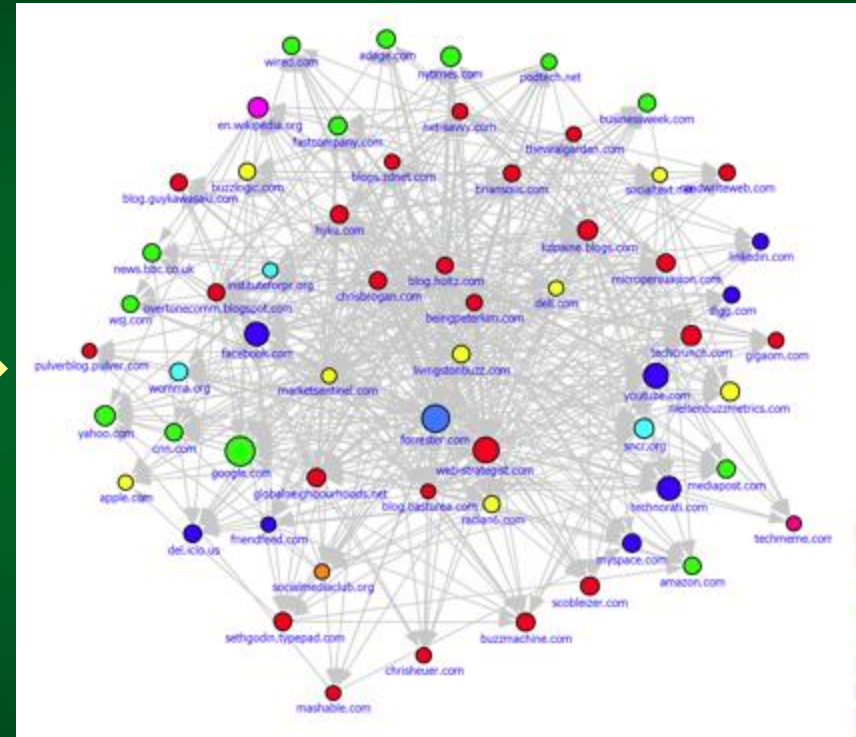
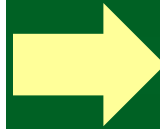
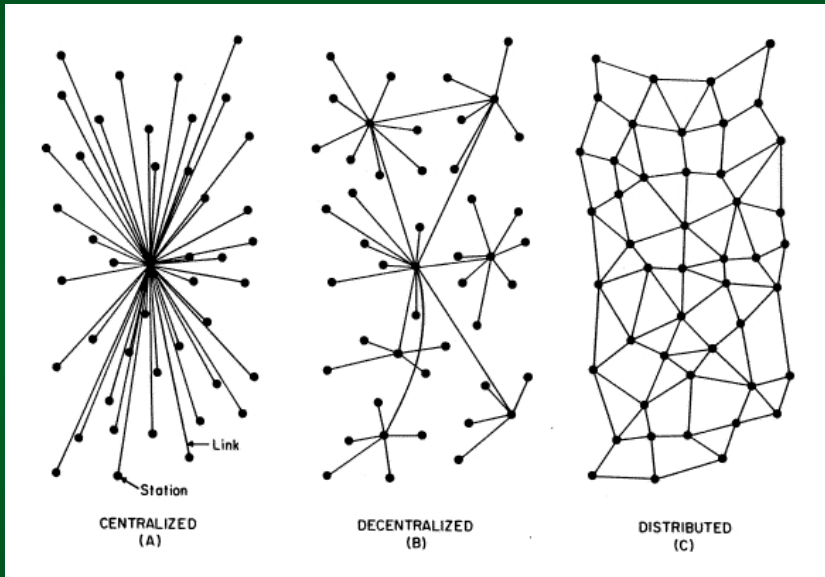
The Michael Smith Natural Resources Building Addition
Opening Fall 2018



Who are we?



Topology of Social Networks



Thank you to CNHP's Donors

Thank you Linda Hamilton!

Thank you Bill and Diane Siegele!

Thank you John Powers!

Thank you Bob Tate!



Undergraduate Research at CNHP

The Aha! Moment
beer, butterflies, but more

Students, CNHP, and their champions

Odell Brewing

Crowd-sourcing CHARGE!

Linda Hamilton



Undergraduate Research at CNHP

2014: Callie Puntenney



J Insect Conserv (2016) 20:215–222
DOI 10.1007/s10841-016-9855-0



ORIGINAL PAPER

Patch occupancy and habitat of the hops azure (*Celastrina humulus*), a rare North American endemic butterfly: insights for monitoring and conservation

C. P. Puntenney¹ · R. A. Schorr¹



2015: Rachel Maison



2016: Blaise Newman

Tristan Kubik



2017: Kira Paik

Toryn Walton

Tristan Kubik



The Linda Hamilton “Conserving Colorado” Award



CNHP Siegele Conservation Science Interns

Siegele Interns 2016

Blaise Newman

Tyler Stratman

Brandi Thomas

Gary Olds

Lydia Fahrenkrug

Alyssa Meier



CNHP Siegele Conservation Science Interns

Siegele Interns 2017

Riley Reed

Kira Paik

Toryn Walton

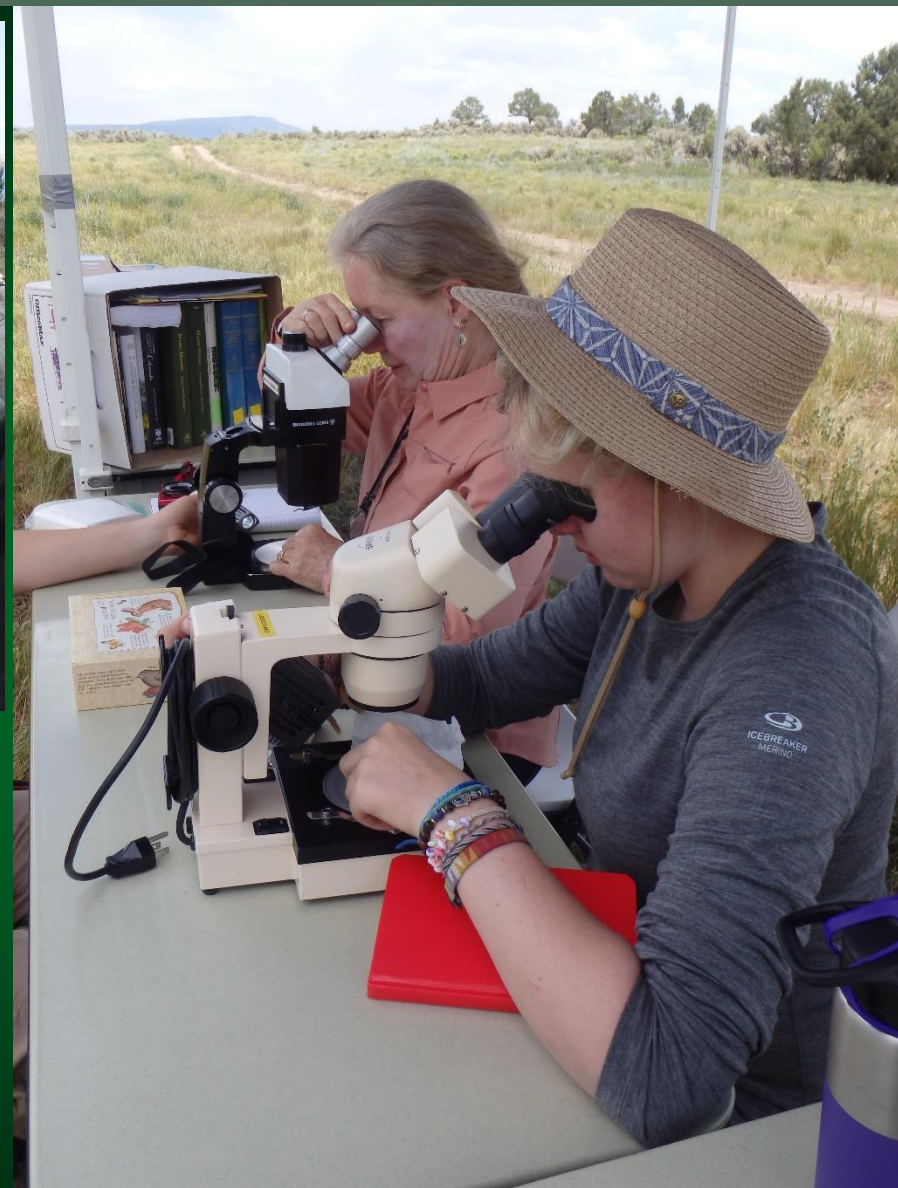
Lauren Hughes

Neal Swayze

Cora Marrama



Spring Valley and Rifle Ranch Ranch Bioblitzes



Students and recent grads at CNHP

Valeria Aspinall

Alyssa Meier

Olivia Baxter

Stephanie Moothart

William Coffey

Arianna Porter

Sierra Crumbaker

Olivia Rautiainen

Rob Fredericks

Tyler Roberts

CLTL Students

Sarah Fritsch

Savanna Smith

Courtney Gutman

Katie Gray

Lexie St. Denis

Tristan Kubik

Abbigail Riley

ESS 440 Service Learners

Cheyenne Laeske

Jennifer Stevenson

Lots of them, including

Renee Lile

Neal Swayze

Neal Swayze!

Maddie Maher

Ilana Vargas

Cora Marrama

Julia Marzalf



CNHP Volunteer of the Year Award

2016

Djulia DeAzevedo

Ann Grant

Ruchi Karn

2017

Jim Carroll

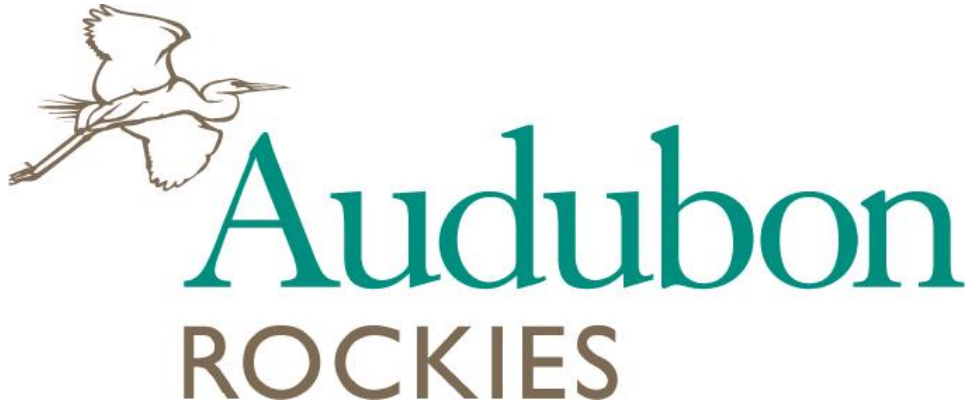
Lexie St. Denis



CNHP's new Website!

- Amy Greenwell, CNHP GIS Coordinator





National Audubon Society ~ Serving Colorado and Wyoming

Daly Edmunds, Director of Policy & Outreach
Alison Holloran, Executive Director

AUDUBON.ROCKIES.ORG

Protecting birds and the places they need, today and tomorrow



Habitat Hero



Community Naturalist



Western Rivers



Sagebrush Ecosystem



Conservation Ranching

Protecting birds and the places they need, today and tomorrow



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Western Rivers



Sagebrush Ecosystem



Conservation Ranching



Tom Koerner/USFWS

SAGEBRUSH ECOSYSTEM RANGEWIDE COMMUNICATIONS FORUM

Aug 18-19, 2016 (Salt Lake City)

PROTOCOLS



Purpose

The Forum's purpose is to develop a shared vision and strategy for range-wide communications that network and build on existing programs to support a healthy sagebrush landscape that works for people and for wildlife.

Clarifying Points:

- The focus is on the sagebrush ecosystem, not any single species.
- The effort aims to identify common values and a shared vision—**not** to resolve disagreements.
- The goal is to move toward communications based on shared interests and values—**not** to make any decisions or recommendations related to policy, regulation, or land management.



SAGEWEST

Comprised of *diverse stakeholders* that are interested in advancing *communications* related to the management of the sagebrush ecosystem.

- State agencies
- Federal agencies
- Tribal representatives
- Ranching stakeholders
- Energy industry
- Sportsmen groups
- Conservation Groups
- etc.

In a ***coordinated and collaborative manner***, we hope to produce the following results:

- Heightened enthusiasm and renewed commitment to conserve sagebrush country;
- New or strengthened relationships among stakeholders;
- Amplification of existing efforts, sharing of success stories and new scientific published studies, cross-fertilization of ideas, and identification of new opportunities; and,
- Enhanced appreciation for the value of multi-stakeholder collaboration.

The network does not address policy or advocacy, but instead provides tools, resources, and a unique networking opportunity for participants.

Sagebrush Communications Network

- **280+** participants
- **89** entities/orgs
- **10,000+** reached daily via digital mediums
- Increasing networking and collaborative storytelling
- Participants get access to sagebrush content, like photos, videos and stories, to boost individual efforts



SAGEWEST

SageWest Listserv

- Success stories
- New science, policy and technical resources
- Conferences or training opportunities
- New communication tools

Unbranded video:




Story Map:

#550species ↩

Sagebrush Portraits

The People, Plants, and Animals of the Sagebrush Ecosystem



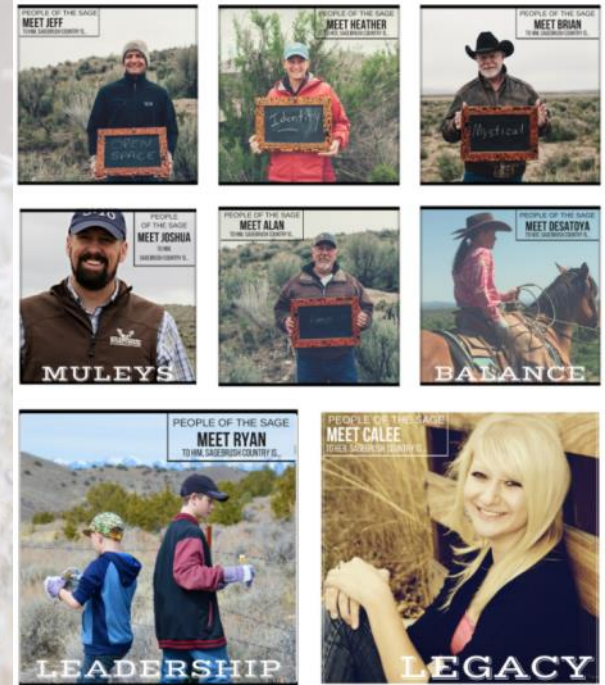
A photograph of a sagebrush landscape with a dirt path leading through the vegetation. A white checkmark is visible at the bottom center of the image.

SAGEWEST

2017 Highlights: *People of the Sage*

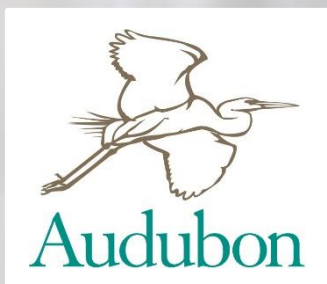
Our collective reach:

- 132,651 online engagements
- Increased website visitation from new audiences
- Highlighting the human connection to the sagebrush ecosystem



SAGEWEST

Contact Us



Daly Edmunds
Audubon Rockies

Dedmunds@audubon.org

970-416-6931

Hannah Nikonow, Intermountain
West Joint Venture,

hannah.nikonow@iwjv.org

Jennifer Strickland, USFWS,

jennifer_strickland@fws.gov

<https://iwjv.org/resource/sagewest>

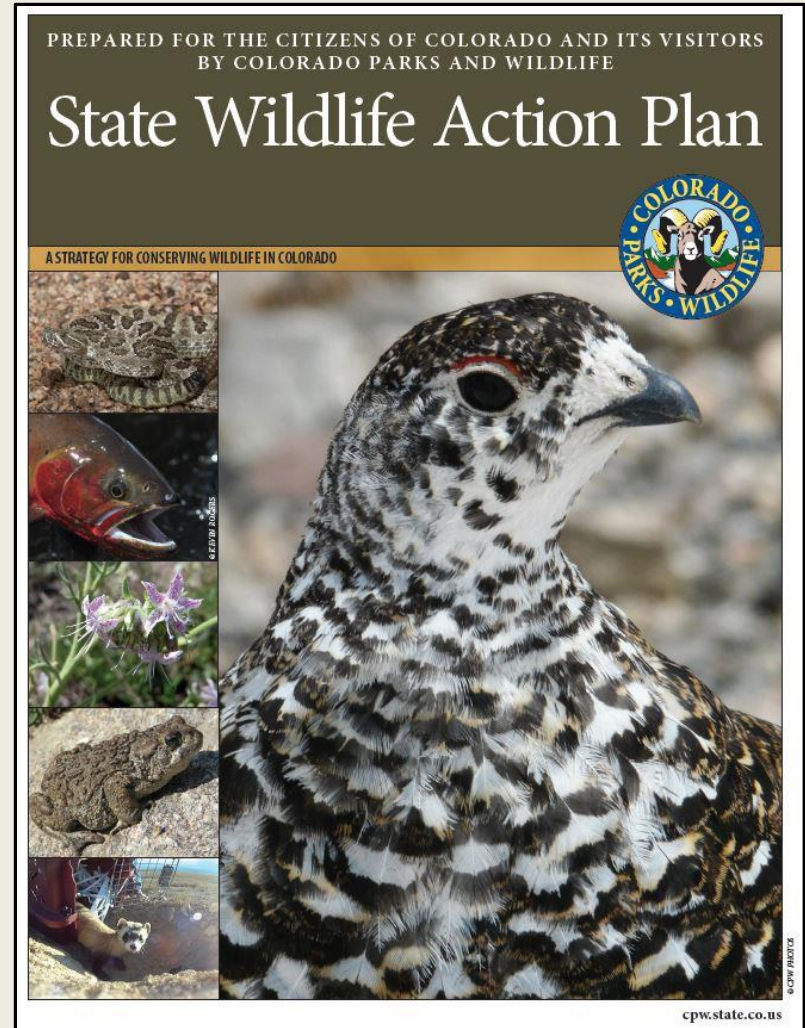
SAGEWEST

Peaks to People

- Heather Schinkel, Director



Recovering America's Wildlife Act



COLORADO
Parks and Wildlife

Department of Natural Resources

CNHP Partners Meeting
9 March 2018
Eric Odell CPW



Blue Ribbon Panel

on Sustaining America's Diverse Fish & Wildlife Resources

Charge: *Recommend a mechanism to sustainably fund the conservation of ALL fish and wildlife*

National Co-Chairs

- **John Morris**, Founder, Bass Pro Shops
 - **David Freudenthal**, Former Governor, Wyoming
-
- Three Meetings Held in 2015
 - Final Report Released March 2016

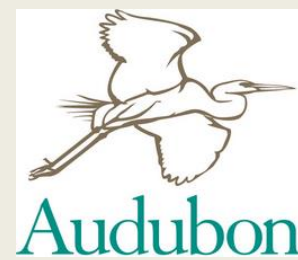
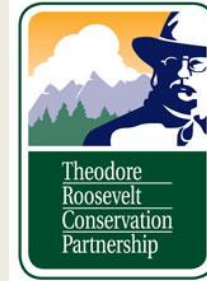


L-R: - David Freudenthal and John Morris

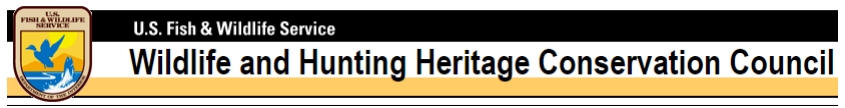




TOYOTA



Yale University



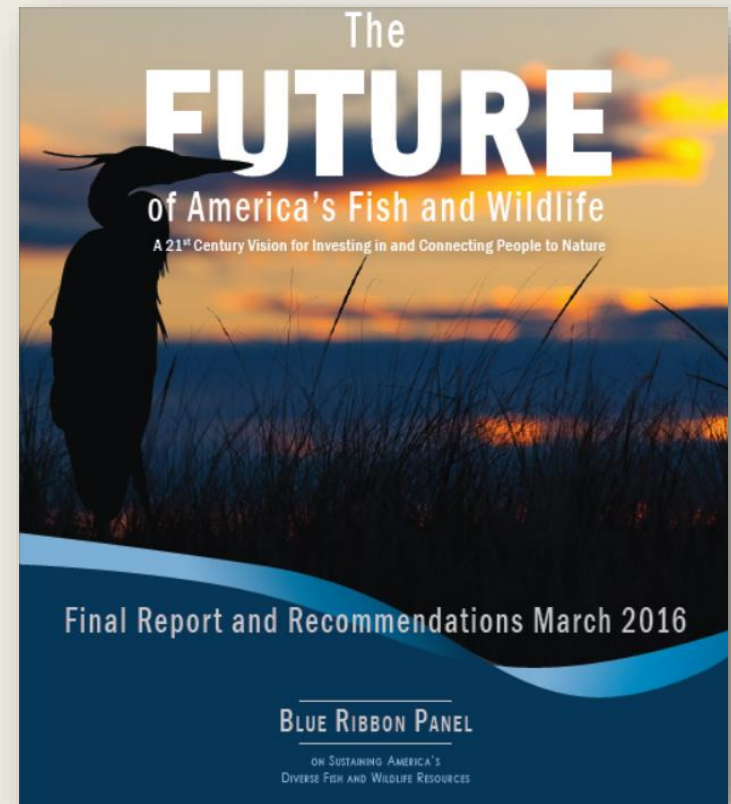


Blue Ribbon Panel

on Sustaining America's Diverse Fish & Wildlife Resources

RECOMMENDATION 1

Congress dedicate up to \$1.3 billion annually in existing revenue from the development of energy and mineral resources on federal lands and waters to the Wildlife Conservation Restoration Program (16 U.S.C. 669b(a)).





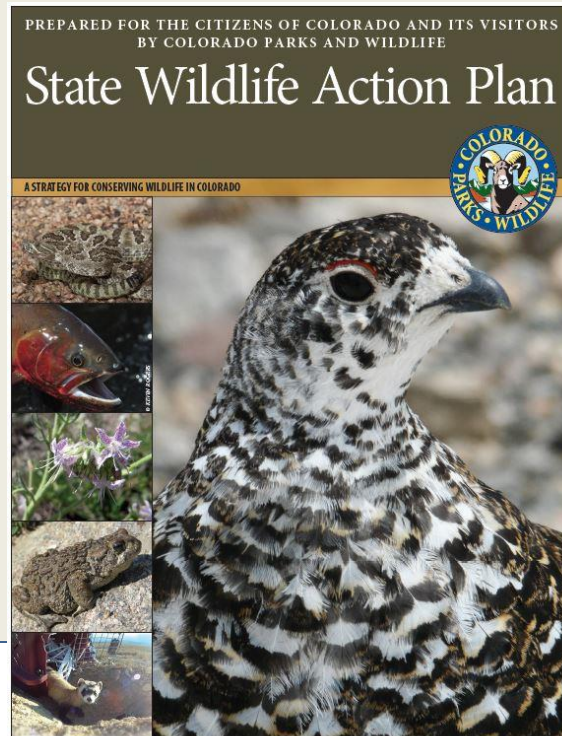
Blue Ribbon Panel

on Sustaining America's Diverse Fish & Wildlife Resources

Implement State Wildlife Action Plans

Nationally: \$1.3 billion annually in new funding

Colorado= \$29,000,000



25% non-federal
match
requirement

Recovering America's Wildlife Act (H.R. 4647)

- Bipartisan bill
- Introduced by Representatives Jeff Fortenberry (R-NE) and Debbie Dingell (D-MI)

Very closely reflects the recommendations of the Blue Ribbon Panel





ALLIANCE
FOR AMERICA'S FISH & WILDLIFE

OurNatureUSA.com

You
Tube



Questions?

eric.odell@state.co.us

<http://cpw.state.co.us/aboutus/Pages/StateWildlifeActionPlan.aspx>



Break (10:20-10:40)

Next: Panel 1: Colorado's Conservation and Environmental Review Tool

WIFI:

Network name (SSID): "csu-guest"

Once connected: open a web browser and you should be prompted to accept the CSU Acceptable Usage Policy to go online.

