

State Wildlife Action Plan

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Kacie Miller, SWAP Coordinator*



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Department of Natural Resources

Parks and Wildlife Commission
August 22, 2025
Pueblo, CO

State and Tribal Wildlife Grants



Office of
**CONSERVATION
INVESTMENT**

*Partnering to fund conservation
and connect people with nature*

- Began 25 years ago
- For broad array of fish & wildlife
- Congress appropriates funds annually
- Grants based on state size and population
- Required to update SWAP every 10 years



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SWAP Required Elements

1. **Species** of Greatest Conservation Need (SGCN)
2. **Habitats** location and condition
3. **Threats** affecting SGCN and their habitats
4. **Actions** to conserve SGCN and their habitats
5. **Monitoring** of SGCN & habitats and evaluation of actions
6. **Review and update** SWAP every 10 years
7. **Agencies and Tribes** coordination
8. **Public participation** in planning AND implementation



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Species of Greatest Conservation Need (SGCN) are the suite of species the SWAP addresses:

- No regulatory authority, not an endangered species list
- Not all of CPW's or our partners' priorities
- Defined by each state



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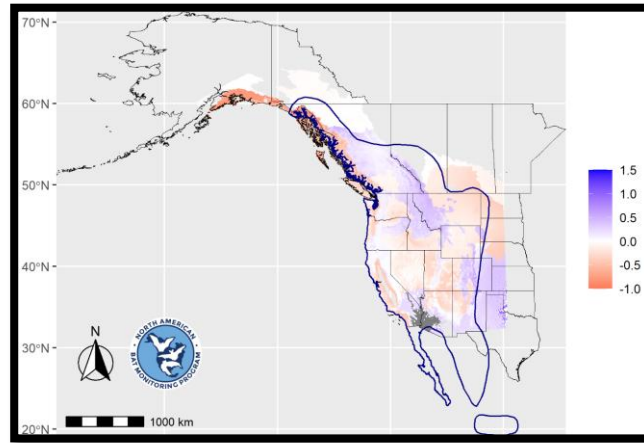
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What's changed since 2015? A lot!

- New funding, legislation & staff
- Changes in technology
- Increasing threats
- Successful conservation efforts
- Ten more years of data

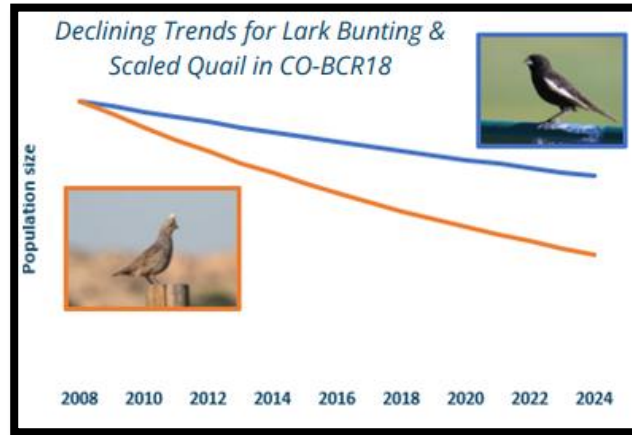


Check out our storymap!



Change in occupancy by Long-legged Bat (Tier 1 SGCN) 2016-2019.

<https://sciencebase.usgs.gov/nabat/#/results>



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New for the 2025 SWAP: Content

- Species of Greatest Conservation Need (SGCN)
 - Criteria that **prioritize need**
 - **Species of Greatest Information Need** (SGIN) subset to inform research
 - **Plants fully integrated** into all Elements
 - **Invertebrate SGCN list** and consideration in Elements – full integration in 2026!



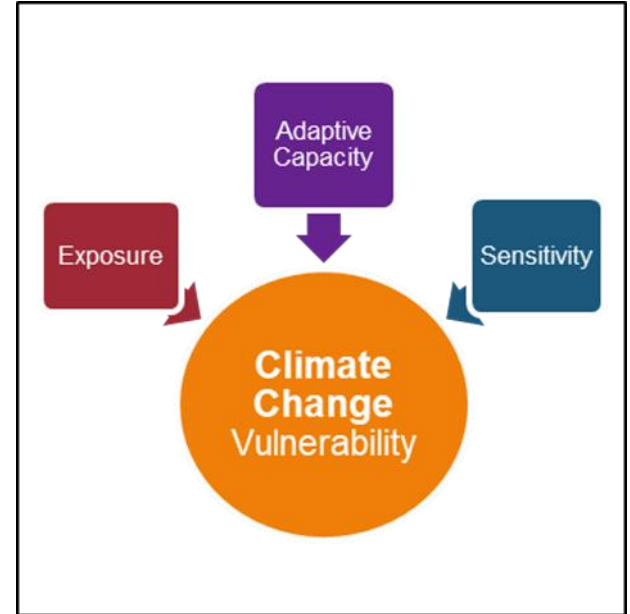
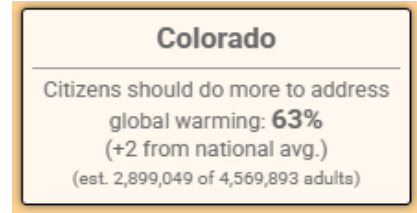
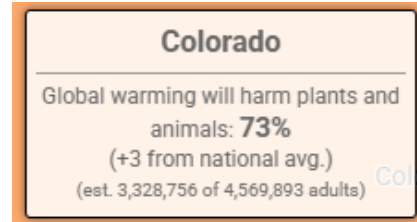
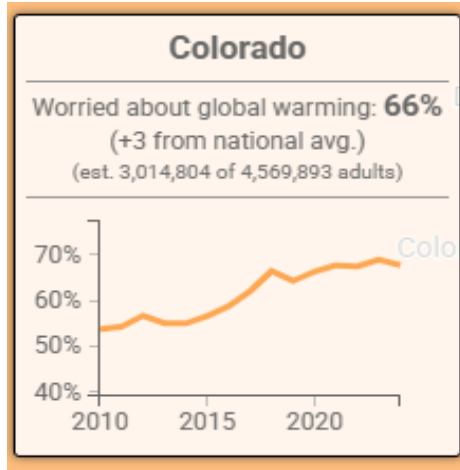
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New for the 2025 SWAP: Content

- **Climate Change assessments** for all SGCN and their habitats



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Yale Climate Opinion Maps 2024

<https://climatecommunication.yale.edu/visualizations-data/ycom-us/>

New for the 2025 SWAP: Digital tools



Colorado's 2025 State Wildlife Action Plan Species Rankings Dashboard

[Vertebrate SGCN Rankings](#)

[Plant SGCN Rankings](#)

[Invertebrate SGCN Rankings](#)

[All Species Rankings \(combined\)](#)

[EngageCPW SWAP Website](#)





Colorado's 2025 State Wildlife Action Plan Species of Greatest Conservation Need (SGCN) & Habitats Data Hub



Welcome to Colorado's 2025 State Wildlife Action Plan (SWAP) Data Hub!

To learn how to effectively navigate and utilize this dashboard, please review our [Data Hub Walk-through Video](#).

As the central part of our "digital SWAP", the Data Hub contains information about Species of Greatest Conservation Need (SGCN) and their habitats. You can explore species and habitat profiles, threats affecting these resources, and existing plans and monitoring efforts. You will also find prospective short and long-term conservation actions that may be implemented during the 10-year timeframe of the SWAP.

Please note that invertebrate SGCN species are not yet incorporated into Colorado's 2025 SWAP Data Hub.

This Hub was created through a collaborative planning process. Visit [EngageCPW](#) to learn more about the process as well as find additional information on broader threats and actions not specific to an individual SGCN or habitat.

This site is for anyone - biologists, researchers, educators, conservation planners, organizations, individuals - who want to better understand and support the conservation of SGCN and their habitats.

[Explore SGCN Species](#)[Explore Habitats](#)[Investigate Threats/Actions](#)

[Threats/Actions Quick Summary](#)[All Species SWAP Rankings](#)



[Full screen mode](#)[Last dashboard update: July 7th, 2025](#)[View Photo Credits](#)

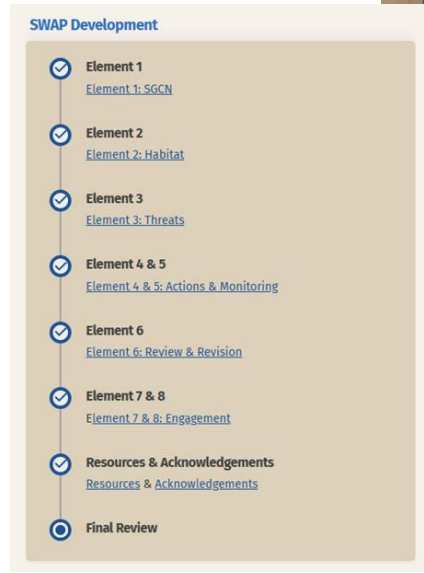


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2025 SWAP Planning Process

- Raise awareness
- Transparency in process
- Implementation - more accessible and actionable



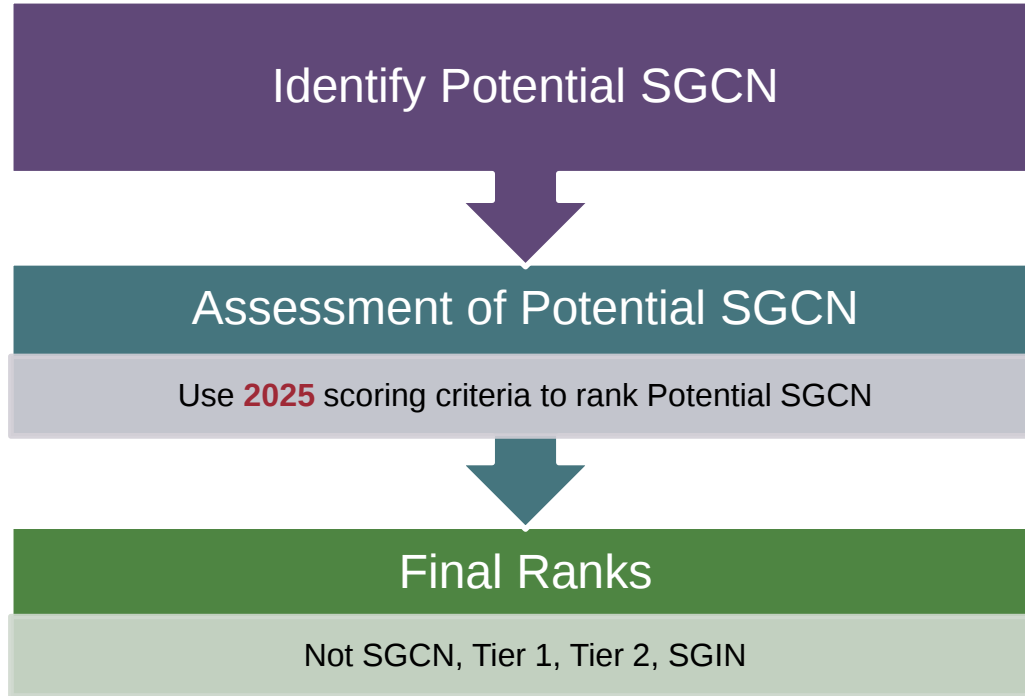
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Element 1: Species



2025 Species of Greatest Conservation Need



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2025 SGCN Criteria

Endangered Species Act status
Urgency of action (abundance, distribution, trend)
Colorado's contribution to the species' overall conservation
Lack of scientific knowledge
Threats likely to increase in scope and severity



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Colorado's 2025 State Wildlife Action Plan

Species Rankings Dashboard



Vertebrate SGCN Rankings

Plant SGCN Rankings

Invertebrate SGCN Rankings

All Species Rankings (combined)

EngageCPW SWAP Website



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Colorado's 2025 State Wildlife Action Plan

All Taxonomic Groups - Rankings Dashboard

Species

Taxonomic grouping

Final Ranking



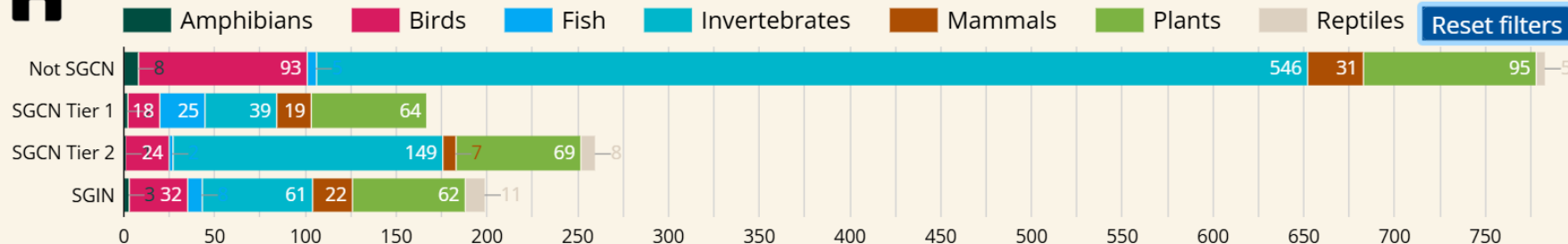
State Wildlife Action Plan (SWAP) Rankings - All Species

View the plant and vertebrate rankings dashboards for additional information from the ranking process

Species in filter

1,409

Reset filters



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Colorado's 2025 State Wildlife Action Plan Vertebrate Rankings Dashboard

Taxonomic grouping

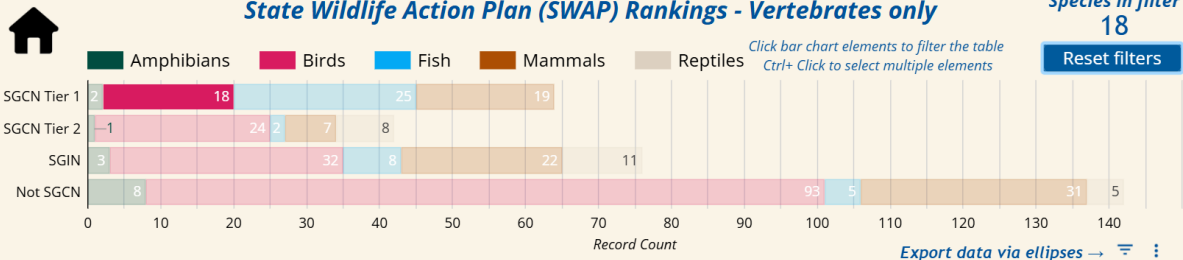
Species

ESA Status

Final Ranking

Colorado's Responsibility

Vulnerability Score



SWAP Ranking Entries by Species

Species	Final Ranking	Vulnerability Score	Taxonomic grouping	ESA Status	Colorado's Responsibility	Abundance vulnerability ranking	Abundance vulnerability ranking
1. American Goshawk (Accipiter atricapillus)	SGCN Tier 1	5	Birds	No ESA status	Neutral	1 - Species is somewhat vulnerable	
2. Black Rosy-Finch (Leucosticte atrata)	SGCN Tier 1	6.5	Birds	No ESA status	Neutral	3 - Species is extremely vulnerable	

Species	Distribution vulnerability ranking	Distribution vulnerability ranking confidence	Distribution vulnerability evidence	Trends vulnerability ranking
1. American Goshawk (Accipiter atricapillus)	1 - Species is somewhat vulnerable	High	forest health may impact distribution	3 - Species is extremely vulnerable
2. Black Rosy-Finch (Leucosticte atrata)	3 - Species is extremely vulnerable	High	Limited winter range in Colorado and winter range highly impacted by recreation, droughts, urbanization, invasive plant species, winter sheep grazing, and potentially disease at winter feeders.	0.5 - Not enough information to score



Species of Greatest Conservation Need

	Amphibians	Birds	Fish	Mammals	Reptiles	Plants	Inverts	Total
Tier 1	2	18	25	19	0	64	39	167
Tier 2	1	24	2	7	8	69	149	260
SGIN	3	32	8	22	11	62	61	199
Total	6	74	35	48	19	195	249	626

182 Vertebrates

Tier 1 = 64, Tier 2 = 42, SGIN 76



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Species of Greatest Information Need (SGIN)

- What are the data gaps?
- How could we close those gaps?
- When will a species be ready to move from “data deficient” to “conservation ready”?



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Explore Species

Taxonomic Group Species

Birds
Long-billed Curlew (*Numenius americanus*)

Long-billed Curlew *Numenius americanus*

SGCN Tier 2

Not Listed

Species Summary
Threats
Climate Change Vulnerability
Actions & Monitoring

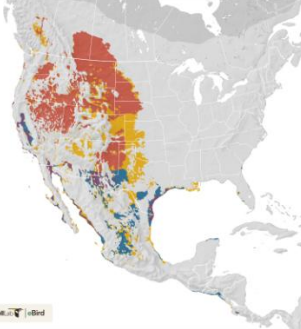


+ Enlarge photo

Photo credit: org.: elvizz moelver andy rogo / iNaturalist

Maps depict where the species could occur.

Interactive maps with metadata will be available via [CODEX](#) in September 2025.



Long-billed Curlew
Numenius americanus

Range

This range map depicts the boundary of the species' range, defined as the areas where the species is collected or where sufficient survey work exists each season.

- Year-round
- Breeding Season: 10 May - 7 Jun
- Pre-breeding Season: 6 Dec - 18 Feb
- Pre-breeding Migratory Season: 15 Feb - 3 May
- Post-breeding Migratory Season: 14 Jun - 20 Nov

Unobserved Area (Unobserved)

No Production

Bibliog Data from 2008-2013. Estimated for 2013.
Fink, D., T. Auer, J. Johnson, M. Stevens-Machey, S. Lippert, C. Robinson, M. Hochstetler, J. Jernigan, C. Crowley, K. Burkman, A. Williams, C. Davis, H. Hartmann, R. Sharma, V. Parnell, G. Borge, P. Conner, M. Eick, T. Ray, J. Doran, N. Bock-Carter, C. Ward, A. Buchanan. 2018. Allied Status and Trends. Status Report 2013. Retrieved 2020. Cornell Lab of Ornithology, Ithaca, New York.
https://doi.org/10.7554/OEDT00003

+ Enlarge species range map

	All Habitat Usage Type(s)	Habitat Usage Type:	
Primary		(Aid) ▼	
		Crop Agriculture	
		Shortgrass Prairie	
Other		Wetlands	
		Conservation Reserve Program	
		Sandage	



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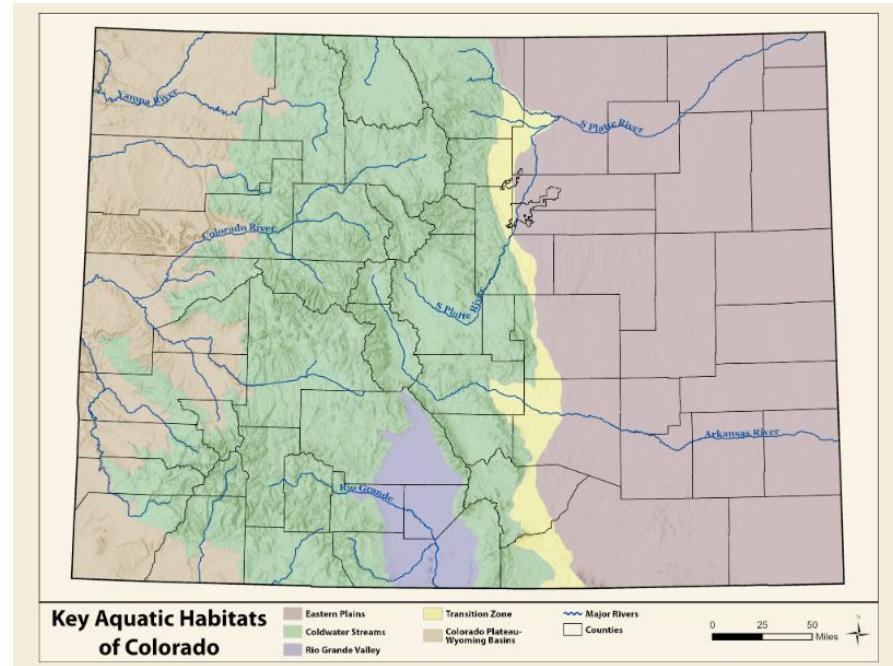
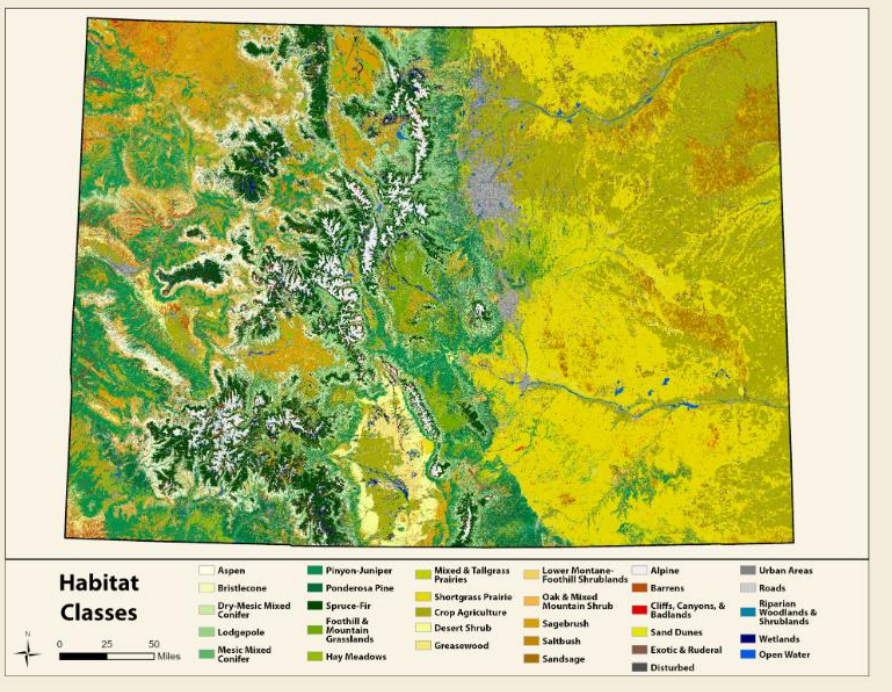
Element 2: Habitats



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Data Hub: Habitat Summary

Explore Habitats

Major Habitat

Habitat Subtype

Aquatic Habitats

Coldwater Streams

Coldwater Streams

Aquatic Habitats

Habitat Summary

Threats

Actions & Monitoring

Photo credit: org.: Tanja Baranitz / CPW

+ Enlarge photo

Interactive maps with metadata will be available via [CODEX](#) in September 2025.

[LANDFIRE](#) was used to categorize and map terrestrial habitats.

This [crosswalk](#) depicts which LANDFIRE vegetation cover categories were rolled up into SWAP Habitats and other sources of mapping data.

Vegetation cover types are [described](#) by NatureServe.

Coldwater Streams

Small Headwater Streams Coldwater Streams
Mid-sized Tributaries Canyons
Major River Channels

0 25 50 Miles

Data Sources: Esri, NHDPlus (US EPA & USGS), National Wetlands Inventory (USFWS), US Geological Survey (USGS), Colorado Parks & Wildlife (CPW), and Colorado Natural Heritage Program (CNHP).

+ Enlarge range map

Supported SGCN Species (as primary habitat)

Habitat Usage Type: Primary Species count: 15

Big Brown Bat (<i>Eptesicus fuscus</i>)	SGCN Tier 2
Black Swift (<i>Cypseloides niger</i>)	SGCN Tier 1
Boreal Toad (Southern Rocky Mountain Population) (<i>Anaxyrus boreas boreas</i>)	SGCN Tier 1
Colorado River Cutthroat Trout (<i>Oncorhynchus clarkii pleuriticus</i>)	SGCN Tier 1
Eagle River Sculpin (<i>Cottus annae</i>)	SGCN Tier 1

*Greenback Cutthroat Trout (*Oncorhynchus*)*

Explore Habitats

Major Habitat

Habitat Subtype

Forest and Woodland Habitats

Pinyon-Juniper

Pinyon-Juniper

Forest and Woodland Habitats

Habitat Summary

Threats

Actions & Monitoring

Photo credit: org.: Tanja Baranitz / CPW

+ Enlarge photo

Interactive maps with metadata will be available via [CODEX](#) in September 2025.

[LANDFIRE](#) was used to categorize and map terrestrial habitats.

This [crosswalk](#) depicts which LANDFIRE vegetation cover categories were rolled up into SWAP Habitats and other sources of mapping data.

Vegetation cover types are [described](#) by NatureServe.

Pinyon-Juniper

Mapped Distribution

0 25 50 Miles

Data Sources: Esri, NHDPlus (US EPA & USGS), National Wetlands Inventory (USFWS), US Geological Survey (USGS), Colorado Parks & Wildlife (CPW), and Colorado Natural Heritage Program (CNHP).

+ Enlarge range map

Supported SGCN Species (as primary habitat)

Habitat Usage Type: Primary Species count: 61

Adobe Hills Thistle (<i>Cirsium perplexans</i>)	SGCN Tier 2
Big Brown Bat (<i>Eptesicus fuscus</i>)	SGCN Tier 2
Brandegee Wild Buckwheat (<i>Eriogonum brandegeei</i>)	SGCN Tier 1
Broad-tailed Hummingbird (<i>Selasphorus platycircus</i>)	SGCN Tier 2
California Myotis (<i>Myotis californicus</i>)	SGCN Tier 1



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Element 3:Threats



What do we mean by Threat?

- Impacts are dependent on the species, habitat, timing, intensity, specific location and more.
- What is a management tool to provide habitat for one species could be detrimental to another.



Data Hub: Threats



Taxonomic Group

Fish

Explore Species

Species

Orangespotted Sunfish (*Lepomis humilis*)



Orangespotted Sunfish

Lepomis humilis

SGCN Tier 1

Not Listed



Species Summary

Threats

Climate Change Vulnerability

Actions & Monitoring

View Threats Background Info

International Union for Conservation of Nature (IUCN)-Conservation Measures Partnership (CMP) Threats

[View published paper for this classification system](#) | [View simplified explanation](#)

View all IUCN-CMP threats for the selected species in the sankey chart below; hover over paths in the chart to view threat details

Alternatively, you may use the button to the right to view threats in tabular format

For detailed methods and results summarized across taxa and habitats, see "Element 3: Threats" on [EggscapeCPW](#).

View Threats Details in a Table

Level 0 Threat

A. Use of Lands & Waters

Level 1 Threat

Energy Production & Mining

Residential, Commercial & Recreation Areas

Level 2 Threat

Renewable Energy

Mining & Quarrying

Oil & Gas Exploration & Extraction

Commercial & Industrial Areas

Residential Areas

B. Use / Management of Species & Ecosystems

Natural System Management & Modifications

Dams & Water Management / Use

C. Additional Sources of Stress

Climate Change

Invasive / Other Problematic Species, Genes & Pathogens

Pollution

Changes in Precipitation & Hydrological Regimes

Invasive Non-Native / Alien Species

Water-Borne & Other Effluent Pollution

Taxonomic Group

Fish

Explore Species

Species

Orangespotted Sunfish (*Lepomis humilis*)

Orangespotted Sunfish

Lepomis humilis

SGCN Tier 1

Not Listed

Species Summary

Threats

Climate Change Vulnerability

Actions & Monitoring

View Threats

Background Info

International Union for Conservation of Nature (IUCN)-Conservation Measures Partnership (CMP) Threats

[View published paper for this classification system](#) | [View simplified explanation](#)

View all IUCN-CMP threats for the selected species in the sunkey chart below; hover over paths in the chart to view threat details

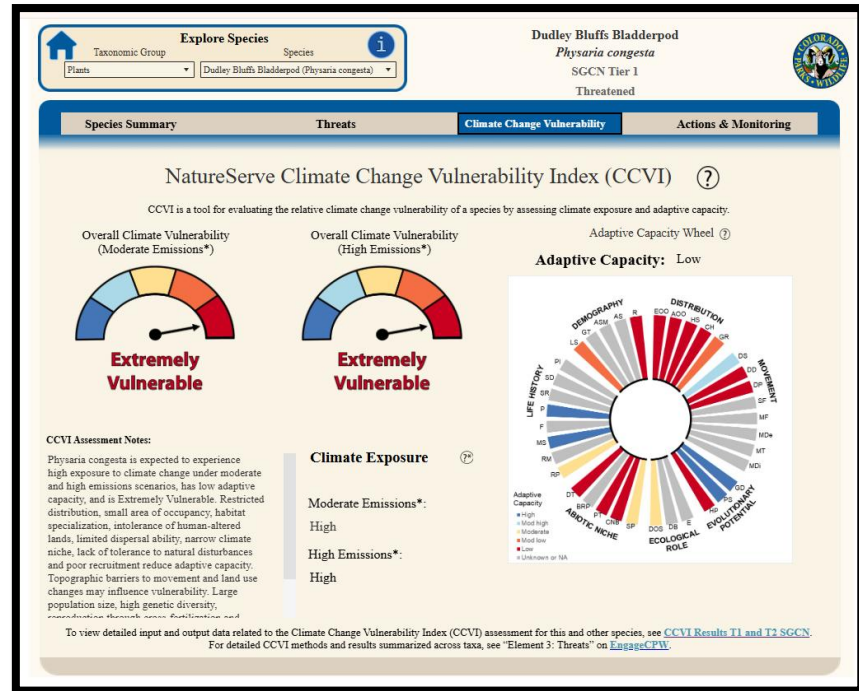
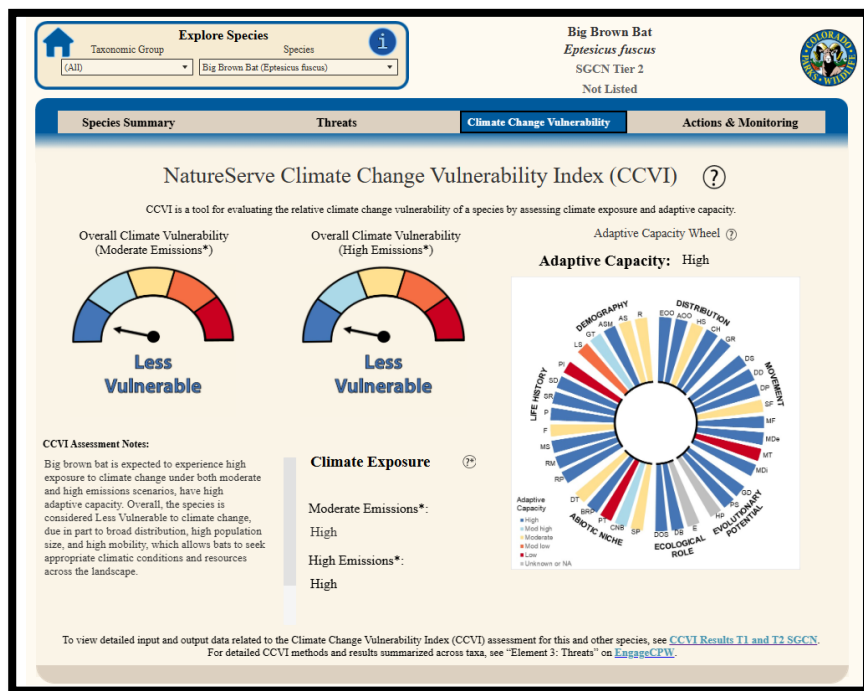
Alternatively, you may use the button to the right to view threats in tabular format

For detailed methods and results summarized across taxa and habitats, see "Element 3: Threats" on [LugageC.PW](#)

Close Threat Details in a Table

Level 0 Threat	Level 1 Threat	Level 2 Threat	Threat Detail
	Residential, Commercial & Recreation Areas	Commercial & Industrial Areas	Habitat conversion and degradation
		Residential Areas	Habitat conversion and degradation
B. Use / Management of Species & Ecosystems	Natural System Management & Modifications	Dams & Water Management / Use	Reduced water availability and fragmentation by dams
C. Additional Sources of Stress	Climate Change	Changes in Precipitation & Hydrological Regimes	Worsening drought
	Invasive / Other Problematic Species, Genes & Pathogens	Invasive Non-Native / Alien Species	Non-native predators, direct competition and hybridization with non-native sunfish
	Pollution	Water-Borne & Other Effluent Pollution	No threat detail identified

Climate Change Vulnerability Index



Elements 4 & 5: Actions & Monitoring



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Defining an Actionable Plan

What does an actionable plan look like to you?

- Right-sizing actions
- Limiting “random acts of conservation”
- Be able to track implementation
- Focus on time frame of the SWAP



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Taxonomic Group

Species

Plants

DeBeque Phacelia (Phacelia submutica)

Explore Species

DeBeque Phacelia

Phacelia submutica

SGCN Tier 1

Threatened

Species Summary

Threats

Climate Change Vulnerability

Actions & Monitoring

Actions and Monitoring

The planning teams collected a wealth of information regarding monitoring and actions through meetings and targeted questions to elicit salient responses from experts about their knowledge of current efforts and vision for future actions.

The [CMP Actions Classification 2.0](#) lexicon was used to code responses about prospective actions, as summarized along with any meaningful details in the tables below.

If codes 6.4, 8.1, and 10.3 are selected with no details provided assume this is an indication of support for continuing to implement the plans, monitoring and other actions identified under "Existing Actions".

For detailed methods and results summarized across taxa and habitats, additional proposed actions not specific to a species or habitats, and more on SWAP implementation and monitoring, see "Elements 4 & 5" on EngageCPW.

Prospective Short and Long Term Actions

Time Frame

Long Term

✕

Actions

1. Land/Water Management

1.1. Site/Area Stewardship

2. Species Management

2.1. Species Stewardship

2.3. Ex-Situ Conservation

📄

Action Details

Maintain undisturbed habitat in natural areas

Collect seeds for ex-situ storage

Use CNHP habitat modeling to identify future refugia

Implement BLM recovery plan actions

Existing Actions

📄

Recovery and Management Plans

U.S. Fish & Wildlife Service (USFWS). 2024. Recovery Plan for DeBeque Phacelia (Phacelia submutica). U.S. Fish and Wildlife Service, Mountain-Prairie Region, Denver, Colorado.

U.S. Fish & Wildlife Service (USFWS). 2022. Recovery implementation strategy (RIS) for DeBeque Phacelia (Phacelia submutica). U.S. Fish and Wildlife Service, Mountain-Prairie Region, Denver, Colorado.

Phacelia submutica is considered a 'special status species' under the approved Resource Management Plan for the Grand Junction field office

📄

Monitoring and Actions

Study being undertaken to determine the feasibility of monitoring this species with drones to avoid impacts to highly fragile soils



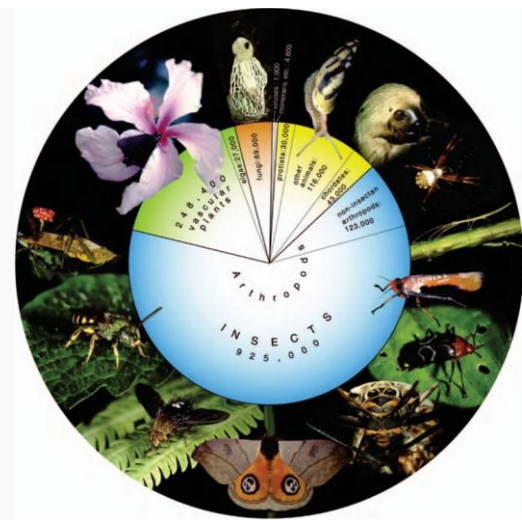
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Other example proposed actions

- Strategic communications plan
- Full integration of invertebrates
- Climate adaptation workshops
- Best Management Practices for site-specific development proposals
- Amphibian and reptile regulations
- Community science
- Spatial products
- And so much more!

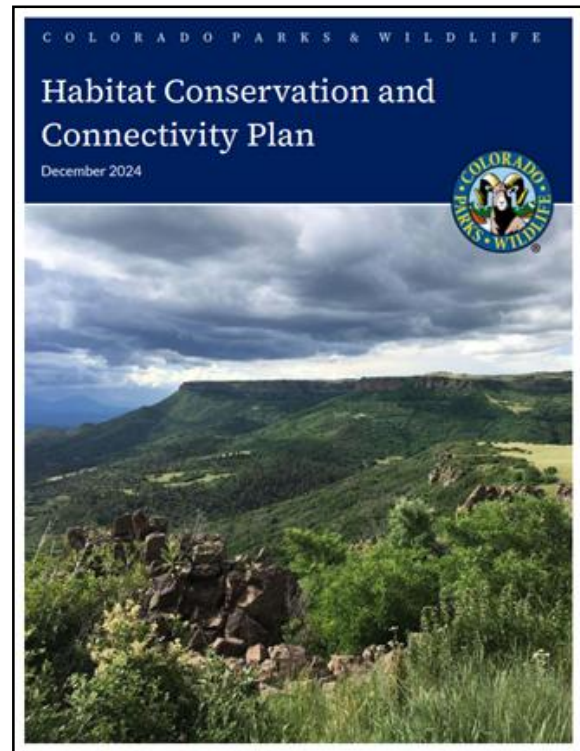
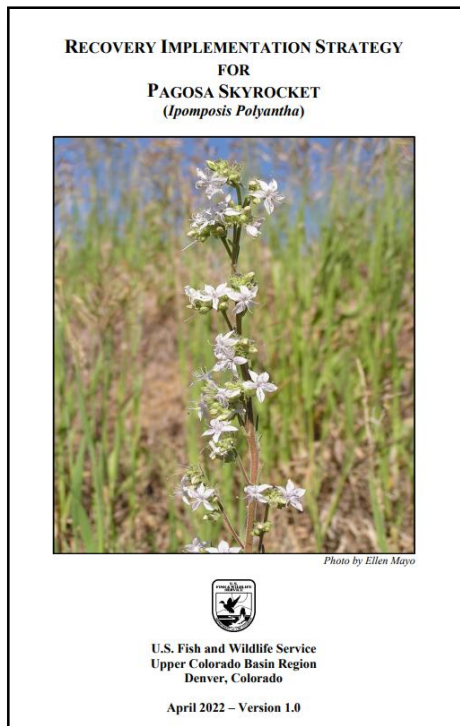


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Coordination with other planning efforts



Element 6: Review and Update



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Elements 7 & 8: Engagement



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Stakeholder Engagement

	INFORM	CONSULT/INVOLVE	COLLABORATE	DECIDE
Intent	We will keep you informed.	Your input and feedback will be reflected in the plan.	Your expertise is critical to what is in the Plan. We will work together to make decisions and incorporate feedback from others.	You have final approval authority.
Tools/Tactics	Fact sheets, presentations, press releases, social media/website updates, the Plan itself	Public comment, focus groups, surveys, advisory groups, conversations, review of draft sections Engage CPW, webinars	Regular meetings and communication throughout the planning process.	
Audiences <i>(examples)</i>	"Public"	✓ Rare Plant Technical Committee & Symposium ✓ Partners in the Outdoors Conference ✓ Colorado Natural Areas Council ✓ Wildlife and Habitat Roundtable ✓ Pollinator Summit ✓ Sportspersons Roundtable	CNHP SGCN & Habitat Work Groups, Steering Committee Key Staff & Partners (i.e., SGCN scoring meetings)	CPW Regional Review Team USFWS Director



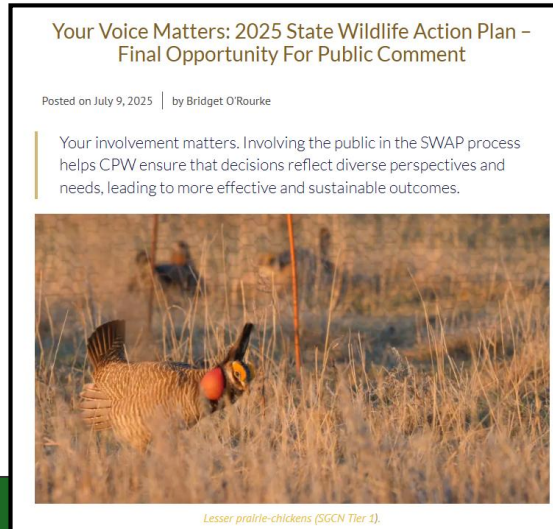
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Inform & Consult/Involve: Public comment

- SGCN Potential list & Criteria: Summer 2024
- SGCN draft vertebrate and plant list: Fall 2024
- SGIN information gathering: Spring 2025
- Draft plan: Summer 2025



Consult/Involve: Presentations and workshops

- CNHP Partners conference
- Wildlife and Habitat Roundtable
- The Wildlife Society (2024 & 2025)
- Partners in the Outdoors (2024 & 2025)
- Pollinator Summit
- Outdoor Equity Grant Community of Practice
- Western Division American Fisheries Society
- Rare Plant Technical Committee
- Sportsperson's Roundtable



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Collaborate: Technical work groups

- Steering Committee
- SGCN Work Group
- Habitat Work Group
- Core Team
- “Taxa groups”: SGCN scoring, threats assessment & action planning

*“That was the most FUN 8 hour
Zoom ever!!”*

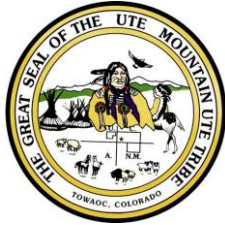


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Tribal engagement

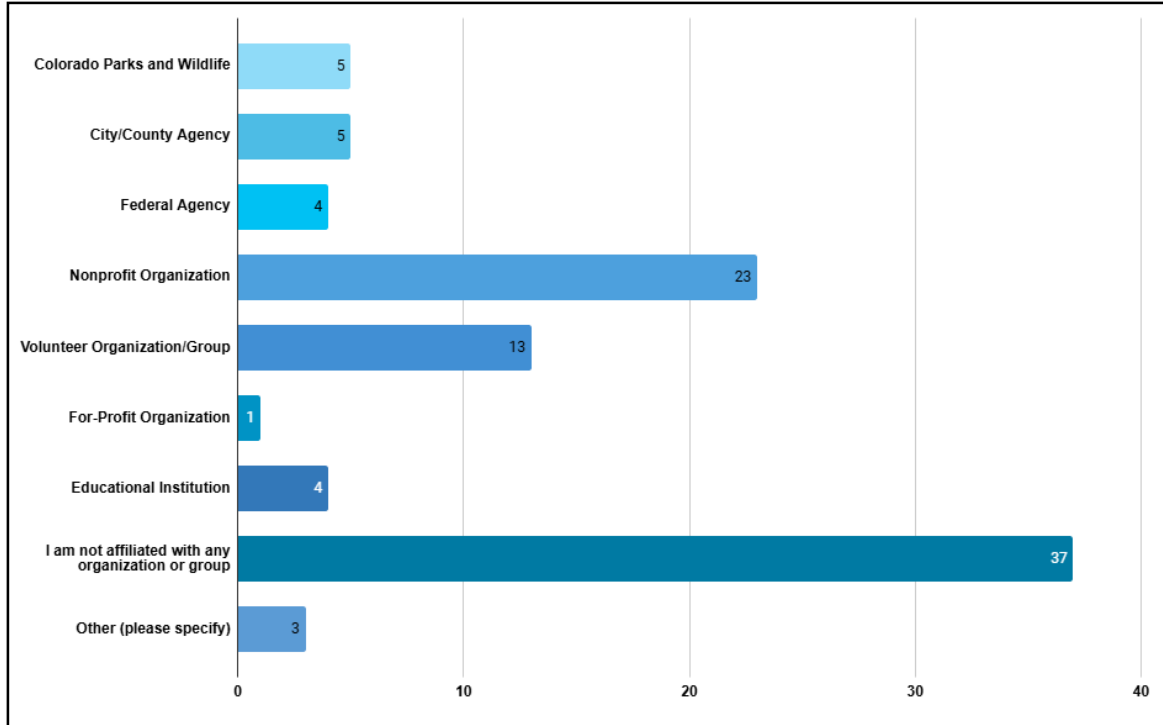


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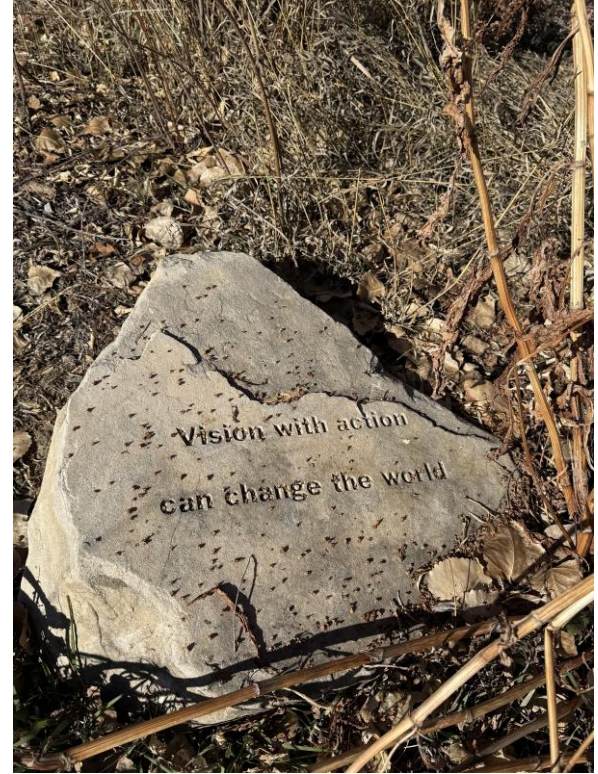
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Draft SWAP Review July 8 – August 8, 2025



This is just the beginning...what's next?

- Submit to USFWS by September 30, 2025
- Review California's SWAP
- South Dakota reviewing Colorado's
- Implementation
 - Further engagement and communication
 - Tracking mechanisms



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Acknowledgements

- Colorado Parks & Wildlife (CPW): Catherine Adams, Angela Boag, Jenn Logan, David Klute, Kacie Miller, Dan Neubaum, Liza Rossi, Hayley Schroeder, Amy Seglund, Savanna Smith, Ben Wasserstein, Boyd Wright
- Colorado Natural Heritage Program (CNHP): Lee Grunau, Jessica Smith



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Steering committee, SGCN work group, Habitat work group & Core team

- CPW: Ray Aberle, Trevor Balzer, Tanya Banulis, John Barkowski, Eric Bergman, Danielle Bilyeu, Angela Boag, Peyton Burt, Kristin Cannon, Casey Cooley, Brian Dreher, April Estep, Kathy Griffin, Jenn Logan, David Klute, Matt Kondratieff, Seth McClean, Kacie Miller, Troy Muzio, Matt Nicholl, Dan Neubaum, Liza Rossi, Shannon Schaller, Hayley Schroeder, Amy Seglund, Matt Schulz, Brian Sullivan, Jeff Thompson, Matt Thorpe, Trent Verquer, Garrett Watson, Raquel Wertsbaugh, Boyd Wright
- Colorado Natural Heritage Program (CNHP): Lee Grunau, Jeremy Siemers, Jessica Smith

Thank you!



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SGCN scoring, threats assessment & action planning

Aquatic Vertebrates (Fishes and Amphibians)

Kyle Battige, Larissa Bailey (Colorado State University), Daniel Cammack, Gage Dean, Tory Eyre, Ben Felt, Ryan Fitzpatrick, Paul Foutz, Eric Gardunio, Matt Haworth, Zachary Hooley-Underwood, Kade Jackson, Alex Jouney, Elizabeth Krone, Brad Lambert (CNHP), Jenn Logan, Kristina Morben, Erin Muths (U.S. Geological Survey), Josh Nehring, Kevin Rogers, Doreen Sumerlin, Tyler Swarr, Denita Weeks (Colorado Mesa University), Jim White, Boyd Wright

Terrestrial Vertebrates (Birds, Mammals, Reptiles)

Adam Beheny, Brad Banulis, Whit Blair, Lance Carpenter, Brenna Cassidy, Reesa Conrey, Missy Dressen, Georgia Doyle (CNHP), Wendy Figueroa, Jim Gammonley, Jamin Grigg, Kathy Griffin, Brian Homes, Bob Inman, Jake Ivan, Hunter Johnson (Colorado Partners in Amphibian and Reptile Conservation), David Klute, Brad Lambert (CNHP), Chris Latimer (Bird Conservancy of the Rockies), Lauren Livo (retired), Tyler Lovato (CNHP), Dan Neubaum, Matthew McLaren (Bird Conservancy of the Rockies), Eric Odell, Arvind Panjabi (Bird Conservancy of the Rockies), Evan Phillips, Ash Rhodes, Jonathan Reitz, Liza Rossi, Rob Sparks, Amy Seglund, Casey Setash, Nathan Seward, Jeremy Siemers (CNHP), Julie Stiver, Jen Timmer (Bird Conservancy of the Rockies), Mark Viera, Brett Walker

Thank you!



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Plants

Mark Beardsley (EcoMetrics, LLC), Georgia Boyle (CNHP), Carol Dawson (Bureau of Land Management), Michelle DePrenger-Levin (Denver Botanic Gardens), Jake Gottschalk (U.S. Fish & Wildlife Service), Jill Handwerk (CNHP), David Hirt (Boulder County Parks & Open Space), Mike Kirkpatrick (U.S. Forest Service), Phil Krening (Bureau of Land Management), My-Lan Le (Denver Botanic Gardens), Ross McCauley (Fort Lewis College), Susan Panjabi (CNHP), Lynn Riedel (City of Boulder Open Space and Mountain Parks), Alex Seglias (Denver Botanic Gardens), Jessica Smith (CNHP), Savanna Smith (CNHP/CPW), Crystal Strouse (City of Fort Collins Natural Areas), Raquel Wertsbaugh

Habitats

Billy Atkinson, Trevor Balzer, Tanya Banulis, John Barkowski, Peyton Burt, Casey Cooley, Tory Eyre, Ben Felt, Paul Foutz, Laurie Gilligan (CNHP), Matt Haworth, Alex Jouney, Joanna Lemly (CNHP), Jenn Logan, Matt Kondratieff, Sarah Marshall (CNHP), Brian Sullivan, Trent Verquer, Boyd Wright

Invertebrates

Steve Armstead (Xerces Society for Invertebrate Conservation), Kevin Burls (Xerces Society for Invertebrate Conservation), Adrian Carper, Nathan Comai (CNHP), Paula Cushing (DMNS), Georgia Doyle (CNHP), Scott Ellis (retired, community scientist), Ryan Fitzpatrick, Chuck Harp (CSU Gillette Museum), Tristan Kubik (CNHP), Jenn Logan, Timothy McNary (CSU Gillette Museum), Mike Moore (UC Denver), Christian Nunes (City of Boulder Open Space and Mountain Parks), Bill Prather (Odonata Central), Hayley Schroeder, John Sovell (CNHP), Ryan St Laurent (UC Boulder), Michael Weissmann (Kallima Consultants, Inc.), Boyd Wright

Meeting facilitators

Angela Boag, Kacie Miller, Lee Grunau (CNHP)

Thank you!



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Digital SWAP & Engagement

- Vision: David Klute
- “QC”: Lee Grunau
- Dashboard and Data Hub Development:
Ben Wasserstein & Cat Adams
- Action planning facilitation: Melissa Bade
and Anderson Cole (CDR Associates), Bill
Mangle and Autumn Panlilio (ERO
Resources)
- EngageCPW: Jonathan Boydston, Emma
Hay, Ben Sharp, Randy Koenig
- Media: Travis Duncan, Brittnei Ehrhart,
Bridget O’Rourke
- Storymap: Michelle Flenner, Robin Wilson
- Video editing: Jerry Neal

Thank you!



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Learn more at:
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