



COLORADO

Parks and Wildlife

Department of Natural Resources

Director's Office
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MEMORANDUM

Date: October 31, 2024

To: Colorado Parks and Wildlife Commissioners

From: Jeff Davis, Director

RE: 2024-2025 Animal Capture and Movement - Summary of proposals and completed translocations

Colorado Parks and Wildlife (CPW) captures and moves animals for a variety of reasons to fulfill the agency's mission. Many different programs and branches of the agency work together on an annual basis to implement this extensive and fundamental aspect of wildlife management. The information presented in this memo and the provided spreadsheets inform the Commission of proposed 2024-2025 translocations, progress made on the 2023-2024 translocation proposals, and other ongoing capture operations that do not involve translocations.

CPW has been granted the legal authority to capture and move animals through the Management of Wildlife Populations Policy, Administrative Directive W-23, and statute. Administrative Directive W-23 maintains approval for capture and transplant of animals at operational levels within the agency while ensuring Director's staff and Commission involvement where required. The directive establishes a three-tiered approval process with varying levels of approval authority required at each tier. Director and Commission approval is required only for Tier 3 animal capture and movement operations that involve introductions, reintroductions, or movements of state and federal endangered and threatened species, federal candidate species or exotic species. However, augmentation of state- and federally-listed species in accordance with approved recovery or conservation plans are treated as Tier 1 projects and do not require Commission approval. Commission approval is also required for interstate movement of big game (Tier 3). Administrative Directive W-23 specifically details the roles, responsibilities, capture guidelines, and the approval process the agency uses to ensure the welfare of individual animals, animal populations, and human safety.

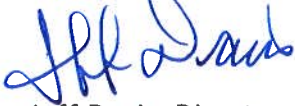
None of the 2024-2025 Animal Capture and Movement Proposals require Commission approval. The release of federal and state endangered black-footed ferrets and gray wolves are proposed; however, these activities partly fulfill multi-year restoration efforts



previously approved by the Commission and are treated as Tier 1 species. No other Tier 3 species is being proposed for capture and movement. Several of this year's Tier 1 and Tier 2 proposed projects augment or extend the distribution of existing populations; others are designed to collect data for research and/or management purposes.

I am pleased to provide this information to update the Commission on the significant amount of animal capture and movement this agency conducts. This trap and transplant work provides scientific information and data that support CPW's programs to perpetuate the wildlife resources of this state. I am very proud of this work and want to acknowledge the dedication and effort our biologists provide every year to conduct these operations, ensuring animal welfare and human safety. I will be pleased to address any questions or concerns you have, or to provide additional information for any of these capture operations.

Thank You



Jeff Davis, Director
Colorado Parks and Wildlife

CC: Reid Dewalt
Mike Quartuch
Brian Dreher
Matt Eckert

2024-2025 ANIMAL CAPTURE AND MOVEMENT PROPOSALS - ALL SPECIES

SPECIES	PROJECT TIER	FUNDING SOURCE	PROPOSED RELEASE SITE	AREA	REGION	PROPOSED SOURCE/NUMBER	COMMENTS
BLACK-FOOTED FERRET (BFF)							
BFF	3	GOCO, SCTF, Section 6	Pueblo Chemical Depot/Thatcher Ranch	11	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets will be released in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The proposed allocation for Fall 2024: 25 kits.
BFF	3	GOCO, SCTF, Section 6	Southern Plains Land Trust Heartland Ranch	12	SE	National Black-footed Ferret Conservation Center/ up to 40 ferrets	Black-footed ferrets will be released in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The proposed allocation for Fall 2024: 30 kits.
BFF	3	GOCO, SCTF, Section 6	May Ranch	12	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets will be released in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The proposed allocation for Fall 2024: 15 kits.
BFF	3	GOCO, SCTF, Section 6	Walker Ranch	11	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets will be released in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The proposed allocation for Fall 2024: 5 kits.
GRAY WOLF							
Wolf	3	General Fund	NW Region	6/7/8/9/10	NW Region	Canada (BC)/ up to 15 wolves	Wolf Restoration and Management Plan was approved by PWC May 3, 2023.
MERRIAMS WILD TURKEY (MWT)							
MWT	1	Wildlife Cash, Federal Aid	Rio Grande River corridor	17	SW	Area 16 or 18	Area 17 is requesting turkeys for transplant along the Rio Grande River corridor if we have a viable source (disease free).
MWT	1	Wildlife Cash, Federal Aid	Area 13 (Nathrop)	13	SE	Area 13 (Florence)	Conflict turkey release site. Placeholder for potential trap/transplant of turkeys in Area 13 during the winter of 2024-2025.
MWT	1	Wildlife Cash, Federal Aid	Within current population and adjacent GMU 22	6	NW	Meeker / 50-75 turkeys	The town of Meeker has experienced a large turkey population increase over the last 5 years. Conflict birds will be moved into areas with greater hunter accessibility within the existing population.
MWT	1	Wildlife Cash, Federal Aid	GMU 34, 43, 44, and 444	8	NW	Area 8 / 40+ turkeys	This transplant moves nuisance birds within Area 8. Birds have tested positive in some GMUs for <i>Mycoplasma</i> so we would only be moving birds within same population. Additional birds could be disease tested to determine suitability for transplanting to other populations or new habitat.
RIO GRANDE WILD TURKEY (RGWT)							
RGWT	1	Wildlife Cash, Federal Aid	South Republican SWA	14	SE	Various sites near the Big Sandy drainage: towns of Limon, Hugo, Simla, Seibert, and Ramah / #TBD	Conflict turkey release site, priority 1 for Area 14. GMUs 103 and 109. Limited hunting spring and fall. Placeholder for trap/transplant efforts.
RGWT	1	Wildlife Cash, Federal Aid	Two Buttes SWA	12	SE	The town of Kit Carson/ #TBD	Conflict turkey release site, priority 1 for Area 12. GMU 139. Limited hunting spring and fall.

2024-2025 ANIMAL CAPTURE AND MOVEMENT PROPOSALS - ALL SPECIES

SPECIES	PROJECT TIER	FUNDING SOURCE	PROPOSED RELEASE SITE	AREA	REGION	PROPOSED SOURCE/NUMBER	COMMENTS
COLUMBIAN SHARP-TAILED GROUSE (CSTG)							
CSTG	1	Wildlife Cash, Federal Aid, GOCO	To be determined by the CSTG Transplant Committee	TBD	NW, SW	Areas 6 and 10 / 40 males	Placeholder - In previous years, proposals for potential release sites have been submitted at various sites within the NW and SW Regions. A new round of site assessments would need to be completed and ranked by the CSTG Transplant Committee before any transplant moves forward. The site for a new release has not been finalized, but will likely be selected from existing proposed sites (submitted as part of the previous CSTG transplant review effort that culminated in selection of the Wolcott/State Bridge site in 2016) or potential new sites. The Wolcott/State Bridge CSTG transplant was completed in the spring of 2018 and no other transplant work has been conducted since then. Pending release site selection, a new CSTG transplant is tentatively planned for fall of 2024. CSTG lek counts in the core source population (in Areas 6 and 10) have been trending upward since 2018 and lek counts in spring 2021 were the second highest on record. Any transplant will follow the process established in the Colorado and rangewide transplant guidelines, with an initial fall release of males, followed by three consecutive spring releases of females and a few additional males. Alternatively, staff will consider an augmentation effort of a previously transplanted population to give a population a boost.
ROCKY MOUNTAIN BIGHORN SHEEP (RMBS)							
RMBS	1	Auction & Raffle, Wildlife Cash, Federal Aid	South Hardscrabble S-35	11	SE	S-34 Rampart / 20-25 BHS	Trap was originally scheduled for winter of 2023-2024. However, source population had Orf disease in the winter of 2023-2024 so trap was postponed to winter 2024-2025.
SWIFT FOX							
SWIFT FOX	2	Wildlife Cash, Federal Aid	Captive breeding program supported by Swift Fox Conservation Team. Bismarck and Pueblo Zoos	4	NE	3 fox: 2 F, 1 M	As a member of the range-wide Swift Fox Conservation Team, Colorado is supporting the Swift Fox Conservation Assessment and Conservation Strategy (CACS) Objective 7 to "Promote public support for swift fox conservation activities through education and information exchange" which includes supporting the Association of Zoos and Aquariums (AZA) in its efforts to maintain a viable swift fox captive population. These 3 animals would help improve genetic diversity and captive breeding population health at the Pueblo Zoo (Colorado) and the Dakota Zoo (Bismarck, ND).
BADGER							
BADGER	1	GOCO Director's Innovation Grant	Oct. 2025 - Other SPLT owned properties in Area 12	12	SE	Heartland Ranch SPLT - 15 Badgers Oct 2024 and 15 Badgers Oct 2025	Source is the Southern Planis Land Trust's Heartland Ranch: Black-footed Ferret Conservation Site. Planning to trap and radio-collar 15 badgers & will be released on-site. Badgers will be relocated in Fall 2025.
Tier 1 = Senior Biologist and AWM approval							
Tier 2 = Regional Manager and Terrestrial Section Manager approval							
Tier 3 = Director and Commission approval							

2023-2024 TRANSLOCATION PROGRESS - ALL SPECIES

SPECIES	PROJECT TIER	FUNDING SOURCE	RELEASE SITE	AREA	REGION	SOURCE/NUMBER PROPOSED	PROGRESS
BLACK-FOOTED FERRET (BFF)							
BFF	3	GOCO, SCTF, Section 6	Soapstone Prairie Natural Area/Meadow Springs, CO	4	NE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets were released in fall of 2023 in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The allocation of ferrets was as follows: 21 kits, 13 adults. Extra ferrets were allotted due to high production year at BFF Conservation Center.
BFF	3	GOCO, SCTF, Section 6	Rocky Mountain Arsenal NWR	5	NE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets were released in fall of 2023 in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The allocation of ferrets was as follows: 20 kits, 3 adults. Extra ferrets were allotted due to high production year at BFF Conservation Center.
BFF	3	GOCO, SCTF, Section 6	Pueblo Chemical Depot/Thatcher Ranch	11	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets were released in fall of 2023 in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The allocation of ferrets was as follows: 20 kits, 3 adults. Extra ferrets were allotted due to high production year at BFF Conservation Center.
BFF	3	GOCO, SCTF, Section 6	Southern Plains Land Trust Heartland Ranch	12	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets were released in fall of 2023 in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The allocation of ferrets was as follows: 35 kits, 7 adults. Extra ferrets were allotted due to high production year at BFF Conservation Center.
BFF	3	GOCO, SCTF, Section 6	May Ranch	12	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets were released in fall of 2023 in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The allocation of ferrets was as follows: 15 kits, 5 adults. Extra ferrets were allotted due to high production year at BFF Conservation Center.
BFF	3	GOCO, SCTF, Section 6	Walker Ranch	11	SE	National Black-footed Ferret Conservation Center/ up to 30 ferrets	Black-footed ferrets were released in fall of 2023 in accordance with the Recovery Plan and the Programmatic Safe Harbor Agreement. The allocation of ferrets was as follows: 15 kits, 3 adults. Extra ferrets were allotted due to high production year at BFF Conservation Center.
GRAY WOLF							
Wolf	3	General Fund	NW Region	8/9	NW	Northern Rockies States/ 10-15	Transported 10 wolves from Oregon and released in NW region in December 2023
Wolf	3	General Fund	NW Region	9	NW	Copper Creek Pack	Transported 6 wolves from Middle Park to holding facility in August/September 2024
MERRIAMS WILD TURKEY (MWT)							
MWT	1	Wildlife Cash, Federal Aid	Within current population and adjacent GMU 22	6	NW	Meeker / 50-75 turkeys	Trapped and transplanted 33 turkeys (23 females and 10 males) from town of Meeker and released in GMU 22.
MWT	1	Wildlife Cash, Federal Aid	GMU 34, 43, 44, and 444	8	NW	Area 8 / 40+ turkeys	No trapping or transplanting occurred in Area 8 this year.
MWT	1	Wildlife Cash, Federal Aid	San Luis Valley	17	SW	Area 16 or 18/40+ turkeys	This transplant has not happened yet. Area 17 is interested this year if a good source population is available.
RIO GRANDE WILD TURKEY (RGWT)							
RGWT	1	Wildlife Cash, Federal Aid	South Republican SWA	14	SE	Various sites near the Big Sandy drainage: towns of Limon, Hugo, Simla, Seibert, and Ramah / #TBD	No traps occurred in 2023-2024.
COLUMBIAN SHARP-TAILED GROUSE (CSTG)							
CSTG	1	Wildlife Cash, Federal Aid, GOCO	To be determined by the CSTG Transplant Committee	TBD	NW, SW	Areas 6 and 10 / 40 males	No trapping occurred.
CSTG	1	Wildlife Cash, Federal Aid, GOCO	Bull Run Basin, Elko County, Nevada	6, 10	NW	20 females, preferably yearlings	Trapping cancelled due to concerns for genetics of Colorado sharp-tailed grouse.
ROCKY MOUNTAIN BIGHORN SHEEP (RMBS)							
RMBS	1	Auction & Raffle, Wildlife Cash, Federal Aid	Smokey Rim Ranch S-61	12	SE	BHS in Purgatoire & Chacuaco Canyons (GMU S-61) - 20 total BHS	Trap did not occur. Bighorn sheep from source herd were not disturbed on properties where helicopter capture efforts could be completed. We do not currently have plans for this transplant.
RMBS	1	Auction & Raffle, Wildlife Cash, Federal Aid	South Hardscrabble S-35	11	SE	S-34 Rampart / 20-25 BHS	Source population had Orf disease in the winter of 2023-2024 so trap was postponed to winter 2024-2025.
Tier 1 = Senior Biologist and AWM approval Tier 2 = Regional Manager and Terrestrial Section Manager approval Tier 3 = Director and Commission approval							



ANIMAL CAPTURE ONLY PROJECTS - BIG GAME

SPECIES	PROJECT TIER	FUNDING SOURCE	YEAR START & END	AREA(s)	REGION	NUMBER	LOCATION/SOURCE	COMMENTS
ROCKY MOUNTAIN BIGHORN SHEEP								
RBS	1	Wildlife Cash, Federal Aid, Auction & Raffle	2005-ongoing	Various	NW	TBD	Zirkel-S73, Glenwood Canyon-S74, Peru Creek-S41, South Fork-S64, Blair Mountain, Gore Canyon-S77	Occasional capture as needed to maintain a limited number of collars on sheep in these units. Capture when a collar is recovered and needs to be re-deployed.
RBS	1	Wildlife Cash, Federal Aid, Auction & Raffle, RMBS grants	Winter 2020-21-ongoing	8	NW	20 (12 ewes, 8 rams)	S44-Basalt	Capture and radio mark sheep in the S44-Basalt herd to monitor habitat use and response to habitat improvement treatments.
RBS	1	Wildlife Cash, Federal Aid, Auction & Raffle, RMBS grants	Winter 2020-21-ongoing	8,9	NW	30 (17 ewes, 13 rams)	RBS-32 (S-2/S-77)	We will characterize the landscape-scale spatial and temporal patterns of bighorn sheep in the Gore Range Data Analysis Unit (DAU), RBS-32, which is comprised of two Game Management Units (GMUs), S2 (Gore-Eagle's Nest) and S77 (Gore Canyon).
RBS	1	Wildlife Cash, Federal Aid	Winter 2021-ongoing	14	SE	20	RBS-8 (S6, S46)	No captures planned at this time. However, bighorn sheep are showing signs of respiratory illness in herd. Adding herd to list as a placeholder in case capture efforts are initiated for disease surveillance/management.
RBS	1	Wildlife Cash, Federal Aid	Winter 2023-ongoing	14	SE	5	RBS-14 (S34)	Placed GPS collars on 4 ewes in 2022-2023. 5 additional collars will be deployed 2023-2024. Data is being collected to inform trail placement and habitat management efforts in S34. Project in collaboration with USFS & private landowner.
RBS	1	Auction and Raffle	2024-2025	17	SW	15	S-55	GPS radio collaring up to 15 bighorns to monitor movement and location data
RBS	1	Auction and Raffle	2024-2025	18	SW	15	S-21	GPS radio collaring up to 15 bighorns to monitor movement and location data
MULE DEER								
MD	1	Wildlife Cash, Federal Aid	7-2001-ongoing D9-1998-ongoing	6, 9	NW	D7=50 does, 100 fawns, 50 bucks D9=45 does, 65 fawns, 35 bucks	Piceance-D7 and Middle Park-D9	Maintain long term survival studies in the Piceance herd (D7): 100 does, 110 bucks, 120 fawns and Middle Park herd (D9): 90 does, 100 bucks, 60 fawns.
MD	1	Wildlife Cash, Federal Aid	1999-ongoing	13	SE	50 does, 60 fawns	Cripple Creek-D16	Maintain long-term survival study in the Cripple Creek mule deer herd (D16): 60 fawns 90 does.
MD	1	Wildlife Cash, Federal Aid	D19 1997-ongoing, D57 2008-ongoing	16, 18	SW	D19 = 80 does and 60 fawns, D57 = 80 does and 60 fawns	Uncompahgre D19 and Gunnison Basin D57	Maintain long term survival studies in the Uncompahgre herd (D19): 80 does, 60 fawns and Gunnison Basin herd (D57): 80 does, 60 fawns.
MD	1	Federal Aid, Southern	2023-2025	15	SW	60 does	D-52 Hermosa	Identify migration corridors and significant winter ranges
ELK								
E	1	Federal Aid, RMEF	2019 - 2025	6, 8, 10, 18	SE, SW, NW	40 cows, 25 Dec. calves and 50-60 neonates in each DAU	DAUs E-2, E-15, and E-20	We plan to continue monitoring elk survival, movements, and reproduction to identify factors influencing calf recruitment and elk response to human recreation.

ANIMAL CAPTURE ONLY PROJECTS - BIG GAME

E	1	Wildlife Cash, Federal Aid, NPS, Boulder County, City of Fort Collins	2011-ongoing	2, 9	NE & NW	up to 25	St Vrain-E9	This collaborative project involves CPW, Rocky Mountain National Park, City of Fort Collins Natural Areas and Boulder County Parks and Open Space. Capture and radio collar up to 10 elk to monitor movements and demographics of the E9 elk populations. Since 2012, female elk have been collared in a collaborative effort within Rocky Mountain National Park. Beginning in 2015, female elk collaring in Boulder County has been a collaboration between CPW and Boulder County with City of Fort Collins joining in in 2017 for Bobcat Ridge in Larimer County. This project will increase our understanding of survival rates, population performance, seasonal movements, and efficacy of the use of controlled hunting to manage overabundant and sedentary elk herds. Information will be used to inform population model estimates, and population and distribution management strategies.
E	1	Wildlife Cash	2022-ongoing	9	NW	80 cows and 60 calves	DAUs E-8 and E-13	Ongoing elk survival monitoring area, maintaing a sample of 60 collared calves and 80 collared cows annually.
E	1	Wildlife Cash, Auction/Raffle	2022-2025	7 and 16	NW/SW	50 cows	DAU E-14	The primary objective of this project is to monitor elk movements and habitat use across seasons and evaluate how hunting seasons cause changes in movement patterns.
E	1	Federal Aid	2017-2024	5, 8, 10, 11	NW/SW	100 calves	DAU E-2, E-15, E-20	Research project evaluating factors affecting elk recruitment and assessing how elk respond to human recreation
E	1	Wildlife Cash, Federal Aid	2023-ongoing	16	SW	60 calves, 80 cows	Gunnison Basin	Ongoing elk survival monitoring area, maintaing a sample of 60 collared calves and 80 collared cows annually.
E	1	Wildlife Cash, Federal Aid	2023-ongoing	1,13	NE,SE	60 calves, 10 cows, 15 bulls	South Park (E-18 & E-22)	Ongoing elk survival monitoring area, maintaing a sample of 60 collared calves and 80 collared cows annually.
E	1	RMEF, Auction/Raffle, Chaffee County, HPP	2023-2028	13	SE	5 cows	Collegiate (E-17)	We will maintain a sample of 60 cow elk.
E	1	RMEF,HPP	2023-2028	10	NW	30	GMUs 14,214 (E-2)	Project evaluating elk movements in response to increasing recreation and trail developments in proximity to Steamboat and Mad Rabbit trail system.
MOOSE								
M	1	Wildlife Cash, Auction & Raffle	2021-ongoing	North Park, M-1	NE	65 cows	GMUs 6, 16, 161, 17, 171	We plan to continue monitoring moose survival, movements and reproduction near the wolf pack in North Park. Previous moose data from this area were collected 2013-2020 and will provide baseline data to compare moose population parameters pre- and post-wolf establishment.
M	1	Wildlife Cash, Auction & Raffle	2022-2025	Grand Mesa, M-5	NW	30 cows	DAU M-5	This is a moose collaring project to attempt to evaluate recruitment through calf at heel surveys of collared moose as well as to evaluate the effectiveness of Infra-red camera technology to estimate moose density and population size on the Grand Mesa.
MOUNTAIN GOAT								
MG	1	Wildlife Cash, Federal Aid	2014-ongoing	1	NE	up to 10	Mt Evans GMU G4	This goals of this project are to 1) determine movements and seasonal use patterns of mountain goats; 2) compare current seasonal use and movements to those documented in the 1980s; and 3) monitor mountain goats for a disease similar to clinical symptoms observed in fall 2013. Collars have been deployed, but up to 5 more may be deployed to maintain sample size if needed.
MOUNTAIN LION								
ML	3	Wildlife Cash, Federal Aid	2017-2026	11, 13	SE	up to 25	Salida to Walsenburg L11 and L16	This study is part of the SE deer predation study. Lion populations will be manipulated to determine the effect of predation on deer demographics. As part of this we will monitor the lion population to determine the effects of lion hunting on lion demographic parameters and nuisance incident levels.
ML	3	Wildlife Cash, Federal Aid	2023-2030	7	NW	20-25	Book Cliffs	This is a project in response to the approval of the West Slope Lion Plan to estimate winter lion density within representative habitats on the West Slope and validate the RSF values used in the plan. This first winter will be capture and collaring of lions and then next winter will capture lions to maintain sample size and deploy cameras in a grid net work to collect "resight" data.



ANIMAL CAPTURE ONLY PROJECTS - BIG GAME

ML	3	Wildlife Cash, Federal Aid	2021-2031	16	SW	10-25	Gunnison Basin	This is a project in response to the approval of the West Slope Lion Plan to estimate winter lion density within representative habitats on the West Slope and validate the RSF values used in the plan. This final winter will capture of lions to maintain sample size of 25 and deploy cameras in the grid network to collect "resight" data.
PRONGHORN								
PH	1	Auction & Raffle/SB 181	2024-2025	4&3	NE	140	PH1 Escarpment	In the winter of 2024, 140 pronghorn were collared in PH1 to gain a better understanding of movement patterns (seasonal), habitat utilization, distribution, and state boundary movements. This data will be used to refine our HPH layer and to develop an RSF model for pronghorn.

ANIMAL CAPTURE ONLY PROJECTS - CONSERVATION SPECIES

SPECIES	PROJECT TIER	FUNDING SOURCE	YEAR START & END	AREA	REGION	NUMBER	LOCATION/SOURCE	COMMENTS
BATS								
Bats	1	SCTF, Wildlife Cash	2011-ongoing	various	All	150-250	Statewide	Capture and release adhering to standard inventory protocols including mist netting and harp trapping may be conducted. Most efforts would be related to the Bats in Inactive Mines Project (BIMP), white-nosed syndrome detection, and baseline data collection on selected State Wildlife Areas, State Parks and CPW conservation easements.
SMALL MAMMALS								
various spp.	1	Wildlife Cash	2013-ongoing	TBD	NE, NW & SE	TBD	SWA, State Parks, and conservation easements	Small mammals will be captured and released as part of standard survey protocols on selected State Wildlife Areas, State Parks, and conservation easements to establish baseline species occurrence and relative abundance.
Prairie Dogs	1	SCTF, Wildlife Cash	2011-ongoing	various	Statewide	500 Blacktailed 300 Gunnison's 300-500 White-tailed	Statewide	Plague vaccine evaluation: involves approximately 500 black-tailed prairie dogs, 300 Gunnison's prairie dogs, 300-500 white-tailed prairie dogs, and potentially 1,000 other small rodents associated with study sites.
BIRDS								
BE - Bald Eagle	1	GOCO, Wildlife Cash, Audubon Grant	2020-2024	2, 3, 4, 5	NE	25-35	Public and private lands along the northern Front Range urban/suburban corridor	Avian Research project to measure demography and space use of bald eagles in relation to land use changes and disturbance sources. Cooperators include Bird Conservancy of the Rockies, county and local governments, and landowners. During 2023-2024, 10 bald eagles were captured, and eight of these were marked with transmitters. Captures for this project are expected to be completed during 2024-2025.
Eastern Black Rail	1	SCTF	2023-2025	12	SE	5-20	SWA's and State Parks in Area 12	Potential capture and banding of eastern black rails to collect blood and feathers for genetic and stable isotope analyses. Capture will require approval from FWS. Capture attempts in 2023 were unsuccessful.
Mammals								
Gray Wolf	1	Wildlife Cash, Activity 1815	2022 - ongoing	10	NW	2-5	North Park wolf pack	Wolf monitoring will aid research addressing wolf-prey relationships. Given the nature of trapping wolves, a specific numerical goal cannot be provided, but trapping will cease once the needs of the research project are met; helicopter captures are preferred over trapping when possible.

ANIMAL CAPTURE ONLY PROJECTS - SMALL GAME AND WATERFOWL

SPECIES	PROJECT TIER	FUNDING SOURCE	YEAR START & END	AREA	REGION	NUMBER	LOCATION/SOURCE	COMMENTS
MOURNING DOVE								
MDOV	1	Wildlife Cash, Federal Aid	2007-ongoing	various	All	1,000	Statewide	Capture and banding of approximately 1,000 mourning doves annually in collaboration with the USFWS adaptive management program. During July-August 2023, 946 mourning doves were banded by CPW statewide.
BOBWHITE QUAIL								
BWQL	1	Wildlife Cash, Federal Aid	2016-2023	3	NE	100	Tamarack SWA	Band and radio-mark 100 bobwhite quail as part of an ongoing Avian Research project to measure non-breeding demographic rates and response to habitat management.
RIO GRANDE WILD TURKEY								
RGWT	1	Wildlife Cash, Federal Aid	2023	14	SE	55	South Republican SWA	Captured 37 turkeys in preparation for trap and transplant in 2023. Turkeys tested positive for Mycoplasma spp. CPW Re-captured and euthanized 18 turkeys according to wildlife disease protocols.
WATERFOWL								
WFOWL	1	Wildlife Cash, Federal Aid	2018-2023	10	NW	1,000	North Park	Long-term annual late summer duck banding to inform and evaluate wetland habitat conservation actions in North Park. During 2023, we banded 773 ducks of 13 species. Annual banding operations will continue in 2024.
BOBCAT								
Bobcat	1	Wildlife Cash, Federal Aid	2022-2028	6	NW	30 each in GMUs 10 and 22	Piceance Basin and north of Rangely	Begining bobcat capture for a 5-year study to address factors associated with density and harvest, and address improved population monitoring approaches.
	Tier 1 = Senior Biologist and AWM approval							
	Tier 2 = Regional Manager and Terrestrial Section Manager approval							
	Tier 3 = Director and Commission approval							