



Center for Environmental Management

MILITARY LANDS

COLORADO STATE UNIVERSITY

# Air Force Wildlife Internship



Levin Brandt

7/1/24 – 8/9/24

# The Journey





# Grand Forks AFB

- Bat Monitoring ([www.nabatmonitoring.org](http://www.nabatmonitoring.org))
- White-tailed Deer Trail Camera Assessment







# Offutt AFB

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- Integrated Monarch Monitoring Program (IMMP) Surveys
- Bumblebee Atlas Surveys
- Bobwhite Quail Habitat Assessment
- Passive Bird Inventory (27 Species)





# Fort Collins

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Tour of CEMML Headquarters and Colorado State University (CSU)



# United States Air Force Academy (USAFA)

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- Dead Ponderosa Pine Surveying
- Mistletoe Surveying
- Pinyon Pine Planting and Watering
- Chamomile Noxious Weed Removal
- Threatened Preble's Jumping Mouse Habitat Tour
- Small Mammal Trapping for Threatened Preble's Jumping Mouse using Sherman Live Traps (caught Deer Mouse, Western Harvest Mouse, Meadow Vole, Mexican Wood Rat, Preble's Jumping Mouse) Occupancy and Mark Recapture
- Tenth acre plot, habitat structure/characteristic vegetation sampling
- Partnered with Colorado Natural Heritage Program
- Fallen tree removal along elk and deer fences as swamping/chainsaw assist
- Passive Bird Inventory (27 Species)







# Ellsworth AFB

- Bat Monitors Deployments
- Badlands Bombing Range  
Bumblebee Atlas Surveys
- Forest Service Bumblebee Atlas  
Surveys
- Main Base Bumblebee Atlas Surveys
- Crayfish Species Sampling/Inventory  
(First Crayfish recorded on Base)
- Passive Bird Inventory (36 Species)







# Minot AFB

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- Pigeon Captures
- Kestrel Box Removals
- Bat Monitor Deployments
- Frog/Snake (Plains Garter Snake) and Minnow sampling (Brook Stickleback) (First Minnow recorded on Base)
- Bumblebee Atlas Surveys
- Elevator Sparrow Trapping
- Small Mammal Trapping (caught Hayden's/Masked Shrew, Meadow Jumping Mouse, Meadow Vole, Gray Partridge Chick)
- Raptor Trapping (Swedish Goshawk Traps & Bal-Chatris)
- Flight line vegetation species inventory (44 Species)
- Passive Bird Inventory (35 Species)
- Tree Assessments (Lombardy Cottonwood, Blue Spruce, White Spruce, Norway Spruce, Lilac, Russian Olive, Golden Willow, and Sandbar Willow)





# Next Journey

- Valuable Connections
- New Skills Acquired
- Job after College!





Questions?

