KALEB CRANE
kalebcrane20@gmail.com

PROFESSIONAL SUMMARY

Wildlife Management Professional. Insightful, motivated, and focused individual leveraging years of experience in outdoorsmanship, conservation techniques, data collection and survey. Adept at reviewing large quantities of data to determine strategies in dynamic, fast-paced environments. Possess a comprehensive background in customer service, administrative processes, and federal program requirements while managing risk, safety, and compliance.

- Team Leadership
- Public Speaking
- Process Improvement
- Austere Living
- Regulatory Compliance
- Energetic
- Record Keeping
- GPS and Navigational Skills
- Horsemanship

PROFESSIONAL EXPERIENCE

Idaho Fish and Game | Idaho Falls, ID
Wildlife Technician (Elk and Deer Winter Recreation) **January 2025-Current**

- Located Collared elk and deer using radio telemetry.
- Utilized Snowmobile and ATV to mimic recreation and how it affects deer and elk movements.
- Collected data on distances elk and deer will spook in response to multiple recreational methods.
- Observed behaviors of collared elk and deer from distances exceeding 1000 meters.
- Worked in a variety of temperatures from freezing to blizzard-like conditions.
- Assessed cause-specific mortality of collared elk and deer.
- Hike up to 7 miles daily in snowy and icy conditions.
- Navigate through treacherous terrain in snow, fog, hail, and rocky conditions.
- Participated in deer and elk helicopter capture and collar attachment.
- Led inexperienced hikers and snowmobiles through difficult and treacherous terrain.
- Recapture collared elk and deer to remove collars, assess physical fitness, and determine pregnancy.
- Responsibly handle elk and deer while prioritizing animal and human safety.
- Hike in difficult terrain to count and classify bighorn sheep.
- Identify individual bighorn sheep through collar markings and VHF telemetry.

Colorado Parks and Wildlife | Lamar, CO
Wildlife Technician **March 2024 - December 2024**

- Viewed Greater and Lesser Prairie Chicken Leks to determine lekking activity compared to previous years.
- Responsible for discovery of new Prairie Chicken Leks and determining if historic leks were active.
- Planted native shrub species by tractor to provide habitat for quail and other upland birds.
- Built Drip line systems to provide continuous water for planted vegetation.
- Surveyed historic Eagle nests and surveyed for new nests to formulate population estimates and fecundity
- Responsible for nest searching and caging on all Southeastern Reservoirs for Piping Plovers and Lesser Terns.
- Responsible for identifying bands of Plovers and Terns to determine historic recurrence.
- Assisted in banding of Lesser Terns and Plovers so recurring individuals may be identified in future seasons.
- Assisted in Mist Netting Bats to identify the presence or absence of White-Nose Syndrome.
- Deploys NaBat ARU's to determine species presence in Southeastern Colorado.
- Frequently coordinate and collaborate with private landowners and other government agencies.
- Survey for Black Rails to determine occupancy in wetlands and marsh.
- Participated in the annual Pikes Peak sheep classification counts to estimate abundance of sheep and ewe:ram ratio.
- Flew pronghorn classification flights to quantify buck:doe ratio and herd population estimates.
- Led a large-scale dove banding and trapping effort over an extended time period.

- Mapped Prairie dog colonies across southeastern Colorado to locate suitable ferret reintroduction sites.
- Operated and maintained OHV equipment in backcountry areas over difficult and rough terrain.
- Developed Protocol and data collection method on measuring how grazing deferments affect prairie chicken habitat.
- Built electric fence enclosures to keep Ferrets safe from predation.
- Spent many long nights spotlighting for Black-Footed Ferrets to determine movement and breeding success.
- Trapped and Captured Black-Footed Ferrets to gather pit tag information or determine if wild-born.
- Trapped and chemically immobilized badgers to put radio transmitters on them to determine homerange.
- Utilized catch poles to capture badgers that were trap shy.
- Assisted in developing and implementing a badger live-trapping protocol new to Colorado.
- Removed Lymph Nodes and other tissues in deer for CWD sampling.
- Used radio telemetry to locate badgers with transmitters and detect mortality signals.

Montana, Fish, Wildlife, and Parks | Glasgow, MT **May 2023 – Aug 2023**
Region 6 Nongame Intern

- Responsible for deployment and removal of NaBat ARU Detectors to determine species presence.
- Hiked in remote areas in various weather conditions.
- Worked individually and led groups to conduct Greater Short-Horned Lizard surveys to determine occupancy at randomized sites.
- Handled live lizards to obtain statistics on gender, age, length, and weight.
- Conducted Chimney Swift occupancy surveys by visually identifying swifts to determine nesting presence or absence.
- Deployed grassland bird ARU's to determine species presence and physically surveyed and identified grassland bird species by ear.
- Completed Breeding Bird Surveys by identifying numerous species of birds by sight and song to assist in the collection of data to evaluate the status of continental bird species.
- Assisted in Black-Footed Ferret spotlight surveys with the purpose of identifying the locations of ferrets to determine the health, distribution, age, and gender metrics of the population.
- Supported Black-Billed Cuckoo graduate research using playback surveys to locate individuals within random sites.
- Conducted vegetation surveys to determine preferred habitat of Cuckoos to contribute to the graduate project.
- Mist netted bats for an education event as well as determining species presence.
- Participated in education and public outreach events to develop public interest in wildlife.

USDA Animal and Plant Health Inspection Service | Helena, MT **May 2022 – Aug 2022**
Seasonal Aid (GS3)

- Required to contact landowners to secure permission for trap placement and servicing. Provided data to agency regarding invasion areas of gypsy moths.
- Responsible for maintaining daily records of inspection, control measures and regulatory procedures applied to prepare reports and maps within assigned area.
- Collected insect samples by hand and net to estimate species density.
- Visually surveyed and collected data for grasshoppers and other pests to estimate population density and possible suppression activities.
- Worked with stakeholders on possible suppression strategies to mitigate pest damage.
- Used GIS and paper maps to navigate in remote areas.
- Worked for long periods of time independently and in the field.

TECHNICAL COMPETENCIES

Chemical Immobilization and Wildlife Handling | ArcGIS

Technology Systems: Microsoft Windows | Radio Telemetry | RStudio Programming Language

EDUCATION

Bachelor of Science, Wildlife Biology | **Concentration:** Terrestrial Organisms
University of Montana | 2023

AWARDS/HONORS

Montana University System STEM Scholarship
USDA Certificate of Appreciation | 2022

Certifications

Forklift Certified |