

# Alberta Conservation Association Grants

Project Funding Allocations 2023 - 2024



## Conservation, Community, and Education Grants (CCEG)

PROJECT TITLE	GRANT	ORGANIZATION
Expanding Access to Outdoor Conservation for African-descent Youth	\$3,000.00	Africa Centre
Pronghorn Antelope Migration Corridor Enhancement	\$28,295.89	Alberta Fish & Game Association
Conservation of Grassland Species at Risk through Stewardship and Implementation of Best Management Practices in Alberta	\$35,000.00	Alberta Fish & Game Association
AHEIA Teachers' Workshop	\$3,000.00	Alberta Hunter Education Instructors' Association
AHEIA's Mobile Marksmanship Trailer	\$10,000.00	Alberta Hunter Education Instructors' Association
AHEIA's Outdoor Women's Program	\$21,000.00	Alberta Hunter Education Instructors' Association
AHEIA's Outdoor Youth Seminar	\$6,000.00	Alberta Hunter Education Instructors' Association
AHEIA's Provincial Hunting Day Initiatives	\$20,000.00	Alberta Hunter Education Instructors' Association
AHEIA's Youth Hunter Education Camps	\$30,000.00	Alberta Hunter Education Instructors' Association
National Archery in the Schools Program (NASP)	\$32,000.00	Alberta Hunter Education Instructors' Association
Outdoor Bound! Mentored Hunt Program	\$7,000.00	Alberta Hunter Education Instructors' Association
Women's & Youth Archery League	\$3,000.00	Alberta Hunter Education Instructors' Association
Women's & Youth Shotgun League	\$3,000.00	Alberta Hunter Education Instructors' Association
LakeKeepers: Community Based Monitoring	\$30,000.00	Alberta Lake Management Society
Implementing Responsible Recreation and Riparian Habitat Improvement for Westslope Cutthroat and Bull Trout	\$17,400.00	Alberta Riparian Habitat Management Society - Cows and Fish
Grazing Schools for Women: Promoting habitat and improved livestock grazing stewardship in south and central Alberta	\$3,000.00	Alberta Riparian Habitat Management Society - Cows and Fish
NTCC Angling Fair	\$3,000.00	Alberta Riparian Habitat Management Society - Cows and Fish
Youth Camp and Youth Mentoring Program	\$43,200.00	Alberta Trappers Association
Trapper Education in Schools	\$33,300.00	Alberta Trappers Association
Upper Athabasca Watershed Biomonitoring Project	\$12,000.00	Athabasca Watershed Council

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Wildlife Monitoring, Conservation, and Public Engagement at Beaverhill Lake	\$18,000.00	Beaverhill Bird Observatory
Future Leaders: Conservation Education and Youth Action	\$31,000.00	Biosphere Institute of the Bow Valley
Legacy Island Invasive Weed Control	\$2,500.00	Bow River Chapter - Trout Unlimited Canada
Archery Updates	\$3,000.00	Camp Evergreen
2023 Camrose Purple Martin Festival	\$1,750.00	Camrose Wildlife Stewardship Society
Cardinal Divide Conservation Coalition BioBlitz	\$2,965.00	Canadian Parks and Wilderness Society (CPAWS) Northern Alberta Chapter
Connect to Conserve: Bridging the Gap to Conservation Science	\$15,000.00	Canadian Parks and Wilderness Society (CPAWS) Southern Alberta Chapter
"A Family Day at the Pond"	\$1,400.00	Castor & District Family and Community Support Services
Sauder Reservoir Habitat Project	\$13,000.00	Chinook Pheasants Forever
Ross Creek Conservation Site Shelterbelt Maintenance	\$8,500.00	Chinook Pheasants Forever
Ross Creek Conservation Site Food Plots Planting	\$7,200.00	Chinook Pheasants Forever
Riparian Education Programming (Pond Days)	\$3,000.00	County of Barrhead
Kids Can Catch Event / School Fishing Opportunities	\$1,760.00	County of Grande Prairie
ALUS Wetaskiwin-Leduc	\$15,000.00	County of Wetaskiwin
Fiesta Lake Dock Replacement	\$24,000.00	Dickson Fish & Game Association
Watershed Restoration and Hands-on Education Project	\$23,520.00	Ghost Watershed Alliance Society
Creating Healthy Ecosystems Through Education	\$6,000.00	Glenbow Ranch Park Foundation
H.A. Kostash Youth Mentorship Program	\$8,450.00	H.A. Kostash School
Kids Can Catch in Hinton	\$2,800.00	Hinton Family Centre
Kids Can Catch	\$2,500.00	Innisfail Fish & Game Association
Dodds Lake Dock	\$5,000.00	Innisfail Fish & Game Association
Young Women in the Wild Project	\$27,000.00	Inside Education Society of Alberta

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Youth Outdoor Conservation Workshops	\$1,700.00	Junior Forest Wardens - Mallards
Introduction to Trapping and Winter Clothing	\$2,950.00	Junior Forest Wardens Yellowhead Regional Council
Trailblazer Advanced Camp	\$5,350.00	Junior Forest Wardens Yellowhead Regional Council
YRC Winter Outreach Camp	\$5,000.00	Junior Forest Wardens Yellowhead Regional Council
Lacombe Annual Kids Can Catch Event - June 2023	\$3,000.00	Lacombe Fish & Game Association
Wilson's Beach Fisheries Accessibility Pier Resurfacing	\$3,995.00	Lacombe Fish & Game Association
2023 Fishing Dock Extension - North	\$10,419.63	Lamont Fish & Game Association
Defragmenting Abandoned Cultivation - Overseeding Native Grasses	\$10,000.00	J. Lancaster
Avian Monitoring and Outreach Education Programs at Lesser Slave Lake	\$20,000.00	Lesser Slave Lake Bird Observatory Society
Kids Can Catch Family Day 2024 Events	\$2,860.00	Lesser Slave Watershed Council
Swan River Riparian Health Assessment	\$7,450.00	Lesser Slave Watershed Council
Riparian and Ecological Enhancement Program	\$25,000.00	Mountain View County
Species Conservation Outreach Project	\$16,500.00	Nature Alberta
Conserving and Restoring Arctic Grayling in the Upper Pembina River Watershed - Population Recovery Planning	\$8,750.00	Northern Lights Fly Fishers/Trout Unlimited Edmonton Chapter
Aeration of Spring Lake (Peace River Region)	\$11,744.00	Northern Lights Fly Fishers/Trout Unlimited Edmonton Chapter
Fishpond Rehabilitation	\$12,347.00	Northern Lights Fly Fishers/Trout Unlimited Edmonton Chapter
Stewardship Training and Youth Education in the Oldman Watershed	\$20,000.00	Oldman Watershed Council
Birdhouses	\$2,500.00	Onoway Fish & Game Association
Partners in Habitat Development	\$10,000.00	Partners in Habitat Development c/o Eastern Irrigation District
Kids Can Catch	\$3,000.00	Pigeon Lake Watershed Association
Wildlife and Native Habitat Enhancement in Red Deer County and Lacombe County via ALUS (2023)	\$40,000.00	Red Deer County

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PROJECT TITLE	GRANT	ORGANIZATION
SPFGA Outdoor Woman's Program	\$9,870.00	Sherwood Park Fish & Game Association
Walleye - Pike Fishing	\$1,000.00	Southern Alberta Bible Camp
Grade 9 Environmental Education Spring Camp	\$2,340.00	St. Mary's School
Wildlife Program Equipment Greening	\$7,500.00	St. Timothy's Jr/Sr High School
American Kestrels - Using nestboxes and technology to increase awareness and promote conservation	\$18,750.00	STRIX Ecological Consulting
Habitat Heroes Day Camp	\$2,350.00	Sturgeon County
Conservation Program for Students	\$12,000.00	The Alberta Chapter of the Wildlife Society
Community-based Monitoring of Urban Wildlife in the Town of Athabasca	\$3,000.00	The King's University
Experiential Learning and Habitat Management of Fescue Grasslands - A "Coordinated Distributed Experiment" for Undergraduate Ecology Labs	\$6,740.00	The King's University
Pioneer Days Kids Can Catch Event	\$500.00	Town of Gibbons
Kids Can Catch	\$2,250.00	Town of Taber
Snow Goose Festival 2023 - A Celebration of Spring Migration	\$10,000.00	Town of Tofield
East Slopes Native Trout Recovery	\$31,070.00	Trout Unlimited Canada
Empowering Low-Tech Process-Based Restoration (LTPBR) in Alberta	\$27,132.50	Trout Unlimited Canada
Bulrush Restoration in Wabamun Lake	\$12,000.00	Wabamun Watershed Management Council
Wet Feet and Sticky Fingers: Building Community Connections and Conservation Ethics through Place-based Learning	\$6,045.00	Waterton Biosphere Reserve Association
Alberta Bat Conservation Project	\$25,684.00	Wildlife Conservation Society Canada
Kids Can Catch in Yellowhead County	\$2,600.00	Yellowhead County
<b>TOTAL FUNDING CCEG</b>	<b>\$969,938.02</b>	

# Alberta Conservation Association Grants

## Competition Recipients 2023



### ACA Grants in Biodiversity

PROJECT TITLE	AWARD	RECIPIENT (PROGRAM)	SUPERVISOR(S)	INSTITUTION
Bottom-up mechanisms affecting wood bison ( <i>Bison bison athabascae</i> ) summer habitat selection	\$16,650	Sebastian Buitrago Gutierrez (MSc)	Scott Nielsen	University of Alberta
Exploring interactive effects of melting glaciers and advancing tree lines on mountain lake ecosystems	\$15,200	Nora Dawson (MSc)	Rolf Vinebrooke	University of Alberta
Water boatman (Corixidae) and aquatic beetle (Coleoptera) community compositions and habitat associations in Edmonton's stormwater ponds	\$13,150	Olivia deBourcier (MSc)	Carol Frost & John Acorn	University of Alberta
Evaluating niche overlap between elk, bighorn sheep and reintroduced bison in Banff National Park	\$20,000	Jonathan Farr (MSc)	Mark Hebblewhite	University of Montana
Intraspecific variation in diurnal hypothermia in over-wintering black-capped chickadees ( <i>Poecile atricapillus</i> )	\$15,450	Deborah Hawkshaw (PhD)	Kimberley Mathot	University of Alberta
Beyond mountain pine beetle: the influence of root-associated fungi on soil carbon sequestration	\$8,790	Nicole Lau (MSc)	Justine Karst	University of Alberta
Taxonomic, morphological and genetic relationship in two foundational prairie rough fescue grass species, <i>Festuca hallii</i> and <i>F. campestris</i>	\$6,650	Jenna LeBlanc (PhD)	Dawn Bazely	York University
Temporal scaling: Effects of light intensity and nutrient availability on variation in <i>Lemna minor</i> survival trajectories	\$15,550	Amanda Luzardo (MSc)	Robert Laird	University of Lethbridge
How does alpine terrain affect shrub distribution and abundance and its influence on species richness when interacting with early snowmelt and warmer temperatures?	\$18,250	Zachariah Madsen (MSc)	Scott Nielsen	University of Alberta
The impact of spatio-temporal agricultural diversification on beneficial predatory insects	\$19,450	Abbe Pawluk (MSc)	Robert Laird	University of Lethbridge
Total suspended solids impact on fish in the Bow River	\$19,200	Courtney Smith (MSc)	Mathilakth Vijayan	University of Calgary
Secret sowbugs: Investigating the diversity, distribution, symbionts, and routes of entry of terrestrial isopods (Isopoda: Oniscidea) in Alberta	\$7,372	Hannah Stormer (MSc)	Heather Proctor	University of Alberta
Effect of Cicer milkvetch ( <i>Astragalus cicer</i> L.) on soil carbon, nutrient availability, and soil microbiome in mixed prairie grassland	\$16,000	Michele Tran (MSc)	Cameron Carlyle & Malinda Thilakarathna	University of Alberta
Improving monitoring tools to detect mountain pine beetles at low densities: investigating the role of fungal volatile chemicals in bark beetle attraction-field testing	\$19,200	Rashaduz Zaman (PhD)	Nadir Erbilgin	University of Alberta

<b>TOTAL FUNDING</b>	<b>\$210,912</b>
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# Alberta Conservation Association Grants

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## Research Grants

PROJECT TITLE	GRANT	ORGANIZATION
Investigating Ecological Interactions Between Insects, Pesticides, and Insectivorous Birds Breeding in Central Alberta	\$36,442.50	Burman University
Population Dynamics of Recolonizing American Black Bears ( <i>Ursus americanus</i> ) in the Beaver Hills Biosphere	\$27,900.00	Red Deer Polytechnic
Movement Ecology and Genetic Consequences of Connectivity in an Urban Hare: The case study of white-tailed jackrabbits in Edmonton, AB	\$13,500.00	The King's University
Bighorn Sheep Ecology and Disease Risk	\$29,150.00	University of Alberta
Collaboration through Inclusive Engagement and Accessible Tools: A study design and analysis decision support system for wildlife camera users	\$21,000.00	University of Alberta
Modelling Future Cyanobacterial Blooms and Cyanotoxin Concentrations in Fish with Implications for Management	\$39,000.00	University of Alberta
Movement Ecology and Hunting Pressure on Alberta's Nesting Sandhill Cranes	\$23,610.00	University of Alberta
Use of Detection Data for Grizzly Bears and Wolves and Assessment of Recreational Trail Use by People to Test and Increase the Efficacy of Wildlife Movement Corridors near Canmore, AB	\$5,800.00	University of Alberta
Using ABHuntLog to Assess Economic Values of Hunting for the Métis Nation of Alberta	\$25,000.00	University of Alberta
Pollination and Biological Pest Control in Alberta Croplands: Connecting semi-natural habitats, arthropod body size, and precision agriculture	\$27,750.00	University of Calgary
Population Genomics of Ruffed Grouse in Alberta	\$30,400.00	University of Lethbridge
Evaluating Bull Elk Reproductive Success using a Wild Pedigree Model: Year 3	\$24,774.00	University of Montana
Evaluating the Predictive Performance of Distribution Models Based on Autonomous Recording Units using Calling Western Toads as a Case Study	\$24,980.00	University of Ottawa
<b>TOTAL FUNDING RESEARCH GRANTS</b>	<b>\$329,306.50</b>	