

Lois Webster Fund Project History					
Year	Name	Description	Organization/Researcher	Funding Amount	Cumulative Total
2018	Black Swift Movement Ecology	Using previously tagged birds: (1) determine Black Swifts foraging range from nest sites and preferred foraging habitats including whether they avoid pesticide treated areas; (2) to more precisely locate wintering grounds; (3) if "aerial roosting" is performed on wintering grounds.	Bird Conservancy of the Rockies/ Rob Sparks	\$ 4,877	
	Probiotic Solutions to the Batrachochytrium Dendrobatitis Associated Declines in Boreal Toads	Identify species of bacteria living Boreal Toads' skin that may inhibit growth of the fungal pathogen Batrachochytrium dendrobatitis (Bd) that is causing a population decline aiming to eventually prevent deaths due to Bd.	University of Colorado Wildlife Conservation Research Fund: McKenzie Lab/ Tim Korpita	\$ 1,597	
	The Role of Urban Conservation in Enhancing Wildlife Habitat and Engaging Citizens.	(1) Evaluate a Ft. Collins habitat enhancement program to restore and enhance local bird and butterfly biodiversity. (2) Assess the relative social and ecological benefits of a citizen science project in collecting bird and butterfly data within urban green spaces.	Colorado State University, Department of Fish, Wildlife and Conservation Biology/ Miguel Jimenez	\$ 2,000	
<b>Total 2018 Funding</b>				<b>\$ 8,474</b>	<b>\$ 106,435</b>
2017	Conserving Northern Leopard Frogs on Colorado's Front Range	Determining the presence of Northern Leopard Frogs and American Bullfrogs in ponds on Boulder City properties.	Boulder Parks & Recreation Department/Joy Master	\$ 3,000	
	Grassland Bird and Mammal Response to Bison Reintroduction in Northern Colorado	How bison reintroduction affects grassland birds and small mammals.	Colorado State University/ Kate Wilkins	\$ 1,308	
	Native Fish Care and Appreciation in the Elementary Classroom	Care of local non-game fish species to raise 4th-grade students' awareness.	Weld RE-9 School District, Highland Elementary, Pierce, CO/ Mark Kucza	\$ 1,302	
<b>Total 2017 Funding</b>				<b>\$ 22,558</b>	<b>\$ 97,961</b>
2016	Backyard Bee Watchers Citizen Science Launch	An upper Gunnison Valley citizen science project to increase the number of native bee boxes.	Rocky Mountain Biological Laboratory/Dr. Amy Ellwein	\$ 1,375	
	Brown's Canyon National Monument Bioblitz	A Bioblitz in Brown's Canyon National Monument for planning recreational uses.	US Forest Service/Stephanie Shively	\$ 1,500	
	Importance of Habitat Heterogeneity to Distribution and Breeding Success in Shortgrass Steppe Birds	Discovering how birds respond to shifting vegetative cover of different grazing regimes with a focus on the McCown's Longspur.	University of Colorado (Denver)/ Amber Carver	\$ 2,840	
<b>Total 2016 Funding</b>				<b>\$ 5,715</b>	<b>\$ 75,403</b>
2015	Colorado Butterfly Monitoring Network	Expand monitoring of populations of Colorado butterflies.	The Butterfly Pavilion/Sara Garret	\$ 2,800	
	Mountain Plover Habitat Use During Nest Incubation	Researchers studying movement of adult plovers during nest incubation using GPS tags.	University of Colorado (Denver)/ Colin Woolley	\$ 2,062	
	The Bees' Needs: Increasing the Impact of Citizen Science	Web and database redesign to improve public understanding of native bee ecology.	University of Colorado (Boulder)/ Alexandra Rose	\$ 1,600	
<b>Total 2015 Funding</b>				<b>\$ 6,462</b>	<b>\$ 69,688</b>
2014	Avian Response to Habitat Manipulation and Fire in NW Colorado Oil and Gas Fields	Responses of bird populations to habitat disturbance of oil and gas impacts.	Colorado State University/ Travis Gallo	\$ 750	
	Effect of Heavy Metal Stream Contamination on Bats in the Eastern Rockies	Impact on bats of heavy metal contaminants in streams along the Front Range.	University of Northern Colorado/ Laura Heiker	\$ 4,100	
	Habitat Use by Mountain Plover During Nest Incubation	Study of foraging movements of adult mountain plovers when they are incubating eggs.	University of Colorado (Denver)/ Colin Woolley	\$ 1,395	
<b>Total 2014 Funding</b>				<b>\$ 6,245</b>	<b>\$ 63,226</b>
2013	Black Swift Diet in Colorado	Compilation of data on the type, size and numbers of prey items taken by Black Swifts in Colorado.	US Forest Service, White River National Forest/Kim Potter	\$ 1,500	
	Habitat Manipulation Effects on Songbird and Small Mammal Communities	Impacts on populations and behaviors of songbird and small mammal communities in energy development dominated landscape.	Colorado State University/ Sarah Bombaci	\$ 1,200	
	Grassland Bird Conservation and Habitat Use in Northeastern Colorado	Measure changes in habitat management for Mountain Plover, McCown's Longspur and Burrowing Owl on agricultural lands.	Rocky Mountain Bird Observatory/ Angela Dwyer	Spotting scopes donation	
	Front Range Pika Project	Data collection that will determine whether Pika distribution is declining throughout the Rocky Mountains' Front Range.	Denver Zoo/Amy Masching	\$ 3,000	
	Rock Wren Nesting Behaviors	Understanding Rock Wren (a species in decline) nesting behaviors in Northern Colorado foothills to discern specific threats.	University of Northern Colorado/ Nat Waring	\$ 570	
<b>Total 2013 Funding</b>				<b>\$ 6,270</b>	<b>\$ 56,981</b>
2012	Bedrock Bioblitz	Document the composition of a riparian habitat before and after a restoration project on the Dolores River, Colorado.	Natural Resources Conservation Service, Rocky Mountain Bird Observatory/Martin Moses	\$ 1,500	
	Life Stage Male Bias Arising in Mountain Plover	Determine whether a male-biased sex ratio arises at the egg or chick stage of development in Mountain Plover.	University of Montana/ Maggie Riordan	\$ 2,000	
	Mammalian Habitat Use Along a Development Gradient in Northern Colorado	How exurban development density influences mammalian species' habitat use.	Colorado State University/ Erica H. Goad	\$ 1,500	
<b>Total 2012 Funding</b>				<b>\$ 5,000</b>	<b>\$ 50,711</b>
2011	Colorado Breeding Bird Atlas II	Fieldwork surveying for the second edition of Colorado Bird Breeding Atlas.	Fort Lewis College/ Lynn Wickersham	\$ 1,400	
	Comparison of Abundant and Declining Bumble Bee Species	Use of molecular genetics techniques for investigation into the conservation status of an entire guild of bumblebees.	University of Colorado, Boulder/ Carol Ann Kearns	\$ 1,500	
	Responses of Burrowing Owls to Black-tailed Prairie Dog Alarm Calls	The way in which Burrowing Owls react to alarm calls by prairie dogs.	University of Colorado, Denver/ Rebecca Bryan	\$ 1,400	
	Urban Students and Urban Snake	Radio telemetry to study the ecology and population genetics of sympatric garter snakes in Lowry Wetlands in Denver.	Metropolitan State College of Denver and Public School 1/Eric Gangloff	\$ 1,500	
<b>Total 2011 Funding</b>				<b>\$ 5,800</b>	<b>\$ 45,711</b>
2010	Avian Communities' Changes in a Riparian Habitat	Analysis of 50 plus years of bird banding data to determine how avian community has changed in a protected riparian area since cattle were excluded.	University of Colorado/Mysti Martin	\$ 1,500	
	Ecological Role of Free-ranging Domestic Cats	Merging of biological and social science data to understand the ecological role and risk to wildlife caused by free-ranging domestic cats.	Colorado State University/Ashley Gramza	\$ 2,500	
	Hybridization Threats on Two Colorado Native Catostomids	Genetic analysis of hybridization of two native and one non-native sucker species in western Colorado for management and conservation.	University of Colorado/Se Jin Song	\$ 1,000	
<b>Total 2010 Funding</b>				<b>\$ 5,000</b>	<b>\$ 39,911</b>

2009	<b>Pawnee Montane Skipper Project</b>	Measuring the distribution and abundance of immature stages of the Pawnee Montane Skipper, a federally Threatened species, in areas adjacent to the South Platte River.	Colorado College/ Dr. Boyce Drummond	\$ 500	\$ 34,911
	<b>Townsend's Big-eared Bat</b>	Study of roost sites and habitat associations of Townsend's Big-eared bats in southeastern Colorado.	Colorado State University/ Robert Schorr	\$ 1,800	
<b>Total 2009 Funding</b>				<b>\$ 2,300</b>	
2008	<b>Bats of Mesa Verde</b>	Identify insect prey samples from bat species using burned and unburned areas of Mesa Verde National Park.	Colorado State University/E. Apple Snider	\$ 1,000	\$ 32,611
	<b>Mountain Plover Data from the Pawnee National Grassland</b>	Compilation and summary on Mountain Plover populations data from 1986 to 2007 on the Pawnee National Grasslands by Dr. Fritz Knopf.	US Forest Service/Elizabeth Humphreys	\$ 2,200	
	<b>Pika and Climate Change</b>	A resurvey of historically documented Pika populations in the Southern Rockies, addressing the causes of extirpations and distribution shifts.	University of Colorado/ Liesl Peterson	\$ 1,000	
<b>Total 2008 Funding</b>				<b>\$ 4,200</b>	
2007	<b>Burrowing Owl</b>	Burrowing owls population dynamics on the Pawnee National Grassland with reference to plague and recreational shooting.	Colorado State University/ Dr. Mike Antolin	\$ 2,897	\$ 28,411
	<b>Wildlife Bridge Feasibility</b>	Testing roadway permeability and monitoring wildlife presence at Shrine Pass Road on Vail Pass.	Southern Rockies Ecosystem Project/Paige Bonaker	\$ 2,500	
<b>Total 2007 Funding</b>				<b>\$ 5,397</b>	
2006	<b>Aurora's Big Year</b>	Create a bird list for City of Aurora to increase awareness and appreciation.	City of Aurora, Parks and Open Space Dept./Mary Ann Bonnell	\$ 500	\$ 23,014
	<b>Bats of Mesa Verde</b>	Identify insect prey samples from bat species using burned and unburned areas of Mesa Verde National Park.	Colorado State University/ E. Apple Snider	\$ 1,000	
	<b>Bats Population and Species Diversity</b>	Monitor bat populations at water holes in Boulder to determine populations and drinking	University of Colorado (Boulder)/ Rick Adams	\$ 1,100	
	<b>Pika and Climate Change</b>	A resurvey of historically documented Pika populations in the Southern Rockies, addressing the causes of extirpations and distribution shifts.	University of Colorado/ Liesl Peterson	\$ 1,000	
<b>Total 2006 Funding</b>				<b>\$ 3,600</b>	
2005	<b>Mountain Plover Surveys in the San Luis Valley</b>	Mountain Plover numbers and distribution in the San Luis Valley, in Conejos, Costilla, Rio Grande and Saguache Counties.	Rocky Mountain Bird Observatory/ Terri Hicks-Anderson	\$ 4,700	\$ 19,414
2004	<b>Conservation of Colorado's Bats</b>	Trapping bats for a thorough survey of bat species in upper-montane, mixed conifer forests in the Pikes Peak Region.	Catamount Institute/Janet Tyburec, Peter Marchand, Brian Miller, Samantha Carpenter, Joseph Merritt	\$ 400	\$ 14,714
	<b>Grasslands Bioblitz</b>	A biodiversity snapshot of a 6,000 public land acre block in Jefferson and Boulder counties which raised public awareness of the biological communities.	Colorado Native Plant Society/ Karen Hollweg, Mark Richert	\$ 2,200	
	<b>Impacts of Habitat Fragmentation on the Breeding Ecology of the Flammulated Owl</b>	Observing development of young owls in nest cavities; for a study of the impacts of major fires on owl demographics.	Colorado College, Biology Dept./ Brian Linkhart	\$ 1,800	
<b>Total 2004 Funding</b>				<b>\$ 4,400</b>	
2003	<b>Mountain Plover/Agricultural Lands in Eastern Colorado</b>	Tracking of nesting Mt. Plovers and monitoring survival of chicks on agricultural lands.	Colorado Division of Wildlife/ Vicky Dreitz	\$ 3,814	\$ 10,314
2002	<b>Mountain Plover/Agricultural Lands in Eastern Colorado</b>	Tracking of nesting Mt. Plovers and monitoring survival of chicks on agricultural lands.	Colorado Division of Wildlife/ Vicky Dreitz	\$ 4,000	\$ 6,500
1998	<b>Compilation of Breeding Data on Mountain Plover 1990-1997</b>	Tony Reynolds compiled data and published report 9/30/98.	Polly Reetz, Janet Decker/Tony Reynolds	\$ 2,500	\$ 2,500