

WRCP 2023 Projects Approved



WRCP No. / Web ID No.	Name	Applicant, Investigator	Recommended Award
WRCP-23-1 2010605	Blue Crawfish & Little Brown Mudbug Conservation Assessment: This study will survey for 2 burrowing crayfish species in PA, to confirm their distribution, threats, and generate final conservation assessments and S-ranks. The outcome of this study will provide the information needed to conserve and manage these ecologically important, at-risk species. This project matches a 2023 WRCP priority. It will take place in Allegheny Co	West Liberty University Foundation, Inc., Zachary Loughman	\$ 42,560.00
WRCP-23-2 2010589	Crucial Information for Conservation & Recovery of Scarlet Paintbrush in PA & other Eastern States: This project will develop a recovery plan for the rapidly declining plant, Scarlet Paintbrush (PA Threatened), based on population genomics, field studies, and lab experiments on seed storage, vernalization, germination, and host interactions. This project matches a 2023 WRCP priority for plants. It will take place statewide.	The Pennsylvania State University, Claude Depamphilis	\$ 42,591.00
WRCP-23-3 2010584	Determining the taxonomy, biogeography, and conservation status of newly discovered amphipod species: The main goal of this project is to determine the taxonomic, phylogenetic and conservation status of a previously undescribed species of amphipod, and if preliminary genetic and morphological analyses are confirmed, to formally name it. This project matches a 2023 WRCP priority. It will take place in Allegheny Co.	Western Pennsylvania Conservancy, Dave Lieb	\$ 40,531.00
WRCP-23-4 2010601	Distribution, taxonomy, and status of narrow-leaved ramp (<i>Allium burdickii</i>) in Pennsylvania: This project will conduct studies on narrow-leaf ramps, a newly discovered native plant species with 13 locations in southwestern Pennsylvania. Field surveys will locate new populations, and conduct biological, ecological, and phytochemical studies to better understand the distribution and taxonomy of this species in Pennsylvania, and eastern North America more broadly. This project will take place statewide.	The Pennsylvania State University, Eric Burkhart	\$ 43,333.00

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WRCP-23-5 2010581	Effects of Dissolved Oxygen on Chesapeake Logperch, <i>Percina bimaculata</i>: This project will investigate the influence of dissolved oxygen on the distribution and habits of the Chesapeake Logperch (a rare PA fish). Adults, juveniles and larvae will be assessed for their needs, tolerance, and projected lethality with along a spectrum dissolved oxygen. This project matches a 2023 WRCP priority for Chesapeake logperch. It will take place in Centre Co.	The Pennsylvania State University, Jay Stauffer, Jr.	\$ 54,845.00
WRCP-23-6 2010592	Establishing New MAPS Stations at Two Conservation Reserves in Western Pennsylvania: This project will be a collaboration with Bird Lab to establish two Monitoring Avian Productivity and Survivorship (MAPS) stations in western PA at Bear Run and Toms Run Nature Reserves. These forested sites will fill in gaps in the MAPS network by our collection of high quality breeding bird ecology data, and comparisons urban and rural sites. This project matches a 2023 WRCP bird priority. It will take place in Fayette & Allegheny Co's.	Western Pennsylvania Conservancy, David Yeany, II	\$ 39,900.00
WRCP-23-7 2010569	Habitat use of the Green Salamander - Implications for Long-Term Site Management: This project will evaluate habitat use by Green Salamander in forests of differing conditions to help inform habitat and forest management activities, by performing day and nighttime surveys, at 4 sites in a variety of forest age classes. This project matches a 2023 WRCP priority. It will take place in Fayette Co.	Western Pennsylvania Conservancy, Ryan Miller	\$ 46,550.00
WRCP-23-8 2010597	Longwood Gardens Seed Banking Investigation: This project will research seed germination and seed banking requirements of eight PA rare species, including five orchid species. The project will investigate long-term storage needs, seed dormancy characteristics, and seed banking tolerance levels. Researchers aim to publish and share findings. This project matches a 2023 WRCP priority for plants. It will take place statewide.	Longwood Gardens, Inc., Peter Zale	\$ 28,690.00
WRCP-23-9 2010590	MAPS Banding at Crossways Preserve: This project will allow this station to continue to operate and remain part of the MAPS program, providing long-term data to the intercontinental project and supporting global bird populations. Community engagement and education are also goals. This project matches a 2023 WRCP bird priority. It will take place in Montgomery Co.	Wissahickon Valley Watershed Assoc., Margaret Rohde	\$ 23,737.00

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WRCP-23-10 2010574	Project OwlNet: Project OwlNet at Sewickley Heights Borough Park (https://www.projectowl.net.org/) is a coordinated, cooperative program of targeted banding for actively migrating Northern Saw-whet Owls, the smallest and a poorly understood species of owl in eastern North America. The other owl focal species include the Long-eared Owl and Barn Owl, which are on the list of Bird Species of Greatest Conservation Need in Pennsylvania. This project will take place statewide.	National Aviary in Pittsburgh, Inc., Robert Mulvihill	\$ 18,240.00
WRCP-23-11 2010600	Reassessment of the genus Dichanthelium in Pennsylvania: This project will assess and update the taxonomy of Pennsylvania's Panic-grass (<i>Dichanthelium</i>) specimens: ensure consistency with other states and recent treatments, verify specimens, and identify species in need of conservation. A guide and dichotomous key will also be produced to provide Pennsylvania- specific information and facilitate future work with the genus in the state. This project takes place statewide.	Western Pennsylvania Conservancy, Claire Ciafre	\$ 30,241.00
WRCP-23-12 2010591	Stormy Oaks Nature Conservancy - Chimney Swift Conservation - Phase 1: This project will bring long-term value to Chimney Swift conservation through visual media and documentary filmmaking, the collection of critical data of Chimney Swift nest/roost behavior from arrival in April through departure in late summer or fall (over a three year time period with the project commencing in February 2024), and the increase of available nesting sites at Stormy Oaks Nature Conservancy in southern Butler County, Pennsylvania. This project matches a 2023 WRCP priority for bird species. It will take place in Butler Co.	WILDBIRD RECOVERY INC, Melissa Brown	\$ 33,146.00
Total			\$ 444,364.00