



**2021 Applications Recommended for Funding**

<b>Web ID# Project#</b>	<b>Project Title, Summary</b>	<b>Grantee Organization</b>	<b>PI Surname</b>	<b>Requested</b>
2004168 WRCP 21628	<b>Climate Change Effects on Rare Plants Distribution &amp; Ecological Assessment of PA Rare Plants.</b> This project compares flowering time of rare plants in the past vs. now. Researchers will revisit historical collection sites and note timing of flowering, seed set, etc.	Carnegie Institute	Isaac	\$29,746
2004180 WRCP 21631	<b>Freshwater Mussels and Invasive Fish in French Creek</b> This project will assess the freshwater mussel population in French Creek after the round goby invasion at 5 locations. Baseline data will be established at each monitoring location.	Western Pennsylvania Conservancy	Walsh	\$53,083
2004184 WRCP 21632	<b>Genetics of Endangered Pennsylvania Plant Species</b> This project will gather genetic information for many rare plant species and summarize the status of genetic information for 13 plant species prioritized for conservation.	Wilmington College	Cipollini	\$38,824
2004186 WRCP 21633	<b>Medicinal and Edible Plants</b> This study seeks to understand how trade of wild medicinal and edible plants effects their populations by summarizing the ecology and threats of several of these plants and create outreach material.	Penn State	Burkhart	\$31,663
2004200 WRCP 21635	<b>Moth Conservation Ranks</b> This project will fill data gaps for 300 moth species with limited range, special habitat or food requirements, and vulnerability to climate change. Information will be used for the State Wildlife Action Plan.	Western Pennsylvania Conservancy	Leppo	\$30,423
2004204 WRCP 21637	<b>Blue Lupine's Response to Fire, Deer and Microhabitat Management</b> Researchers will investigate the roles of microhabitat, fire, and deer on the maintenance of the rare plant, blue lupine, and effects on other savannah species including rare moths and butterflies that use lupine as a host plant.	Penn State	Sabo	\$46,600
2004206 WRCP 21638	<b>Genetics of 3 Endemic Appalachian Plants</b> This project uses population- and range-wide genetics data to understand the status of 3 rare plants: white monkshood, box huckleberry, and Canby's mountain-lover.	Bucknell University	Martine	\$47,992

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2004208 WRCP 21639	<b>Globally Rare Tiger Beetles of Pennsylvania</b> This project will fill data gaps for three globally vulnerable PA tiger beetles for the SWAP: cobblestone tiger beetle, Appalachian tiger beetle, and northern barrens tiger beetle.	Western Pennsylvania Conservancy	Woods	\$32,362
2004212 WRCP 21641	<b>Habitat Conservation Plan for Limestone Barrens</b> This project will create a habitat recovery plan for limestone barrens which will provide conservation information and stewardship guidance for a habitat which hosts many rare species.	Western Pennsylvania Conservancy	McPherson	\$10,173
Total				\$320,866