

Geauga Park District 2010 Suggested Small Research Grants Projects

- *The cultural history of Geauga Park District and its lands.
- *A summary of prehistoric archaeology for Geauga County.
- *Earthworms: locating worm-free sites within the Geauga Park District and documentation of species.
- *Monitoring of stream/wetland restoration projects on park lands.
- *Reptile/amphibian surveys on designated park properties.
- *A survey for the presence of Eastern Massasauga Rattlesnakes (*Sistrurus s. catenatus*) on designated park properties.
- *Distribution and breeding success of the Four-toed Salamander (*Hemidactylum scutatum*) on Geauga Park District lands.
- *A study of the life history of Brook Trout in the Chagrin River headwaters – including distribution, breeding behavior and dietary analysis.
- *A study of the distribution and population estimate of Longnose Dace (*Rhinichthys cataractae*) and Redside Dace (*Clinostomus elongates*) within Geauga Park District.
- *Small mammal surveys of selected Geauga Park District properties.
- *Population dynamics and/or density estimates of white-tailed deer on Geauga Park District lands including a review of current wildlife management practices with recommendations for future management strategies.
- *Population dynamics and/or densities of eastern coyote, red fox, and gray fox on Geauga Park District lands.
- *Compilation/analyzation of 50 years of data for the annual Christmas Bird Count for Burton, Ohio/Geauga County.
- *Survey and monitor the flora and/or fauna or our newly established 90+ acre prairie.
- *Responses of butterflies, birds, and other fauna to prescribed burns conducted by Geauga Park District.
- *Evaluation of the status, regeneration and decline of the tamarack population within the Lake Kelso plant community.

*Evaluation of sugar bush operations at Swine Creek Reservation in Middlefield, Ohio (tree condition, sap yields, under story plant diversity, sustainability concepts, evaluation and comparison of management practices).

*Habitat/reforestation development and design for selected Geauga Park District parks.

*Rare plant surveys at Burton Wetlands and other selected Geauga Park District lands.

*The history and ecology of the Sharon conglomerate ledges of Geauga County.