

Geauga Park District
Suggested Small Research Grant Projects
2012

- *Earthworms: locating worm-free/invaded sites within the Geauga Park District and documentation of ecological impacts.
- *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 (*Hemidactylium scutatum*) on Geauga Park District lands.
- *A study of the life history of Brook Trout in the Chagrin River headwaters.
- *A study of the distribution and population estimate of cold water stream fishes 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 on a 90+ acre meadow.
- *Evaluation of the status, regeneration/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.

*Plant surveys of Geauga Park District's managed successional and disturbed units.
(i.e. old fields, scrub shrub, grasslands)

*Baseline surveys on quality, age, stands, community composition in reference to documenting possible changes in forest.

*Evaluation/monitoring of newly reforested park lands.