

Master's Theses Using the Monahan or NHR

Natural History Reserve

2003. Training White Crappie (*Pomoxis annularis*) to a Commercial Pellet Using Ground Gizzard Shad (*Dorosoma cepedianum*). Spencer, Amy D. (Advisor: Dr. J.R. Triplett)
2002. Compensatory Feeding and Culture of Black Crappie (*Pomoxis nigromaculatus*) in a Recirculating System. Doolin III, James P. (Advisor: Dr. J.R. Triplett)
1995. Culture of White Crappie (*Pomoxis annularis*) in a Recirculating System. Thomas, George L. (Advisor: Dr. J.R. Triplett)
1994. Cage Culture of Black, White, and F1 Hybrid Crappie (*Pomoxis* Species). Read, D.V.M., Emily R. (Advisor: Dr. J.R. Triplett)
1992. Comparisons of Three Feeding Techniques in the Cage Culture of *Ictalurus punctatus*. Bussone, Jim J. (Advisor: Dr. J.R. Triplett)
1991. Trainability, Growth, and Conversion Efficiency of White Crappie *Pomoxis annularis* on an Artificial Diet. Amspacker, Troy D. (Advisor: Dr. J.R. Triplett)
1978. The Mammals of the PSU Natural History Research Reserve. Foutchi, Hossein. (Advisor: Dr. Horace Hays)
1977. The Growth Rate of Certain Fishes in a Strip-mine Lake. Renegar, Steven J. (Advisor: Dr. J. Carl Bass)
1977. An Ecological Study of the Cottontail Rabbit (*Sylvilagus floridanus*) at the PSU Natural Research Reserve. Racy, Jeffrey L. (Advisor: Dr. Horace Hays)
1977. The Diatom Flora of Two Strip-mine Lakes on the PSU Natural History Reserve. Frank, Jann P. (Advisor: Dr. Eugene Fairchild)
1972. Growth-Rate Analysis of Members of a Centrarchid Community in a Strip-mine Lake. Meyer, Robert E. (Advisor: Dr. J. Carl Bass)
1972. A Taxonomic Study of the Yeasts Isolated from Orchard Soil on the Natural History Research Reserve of Kansas State College of Pittsburg. Byler, Donna I. (Advisor: Dr. Bettie Duncan)
1971. Age and Growth of Three Species of Centrarchids from a Natural History Research Reserve Strip-mine Lake and Comparison with Growth Rates Attained in Similar Lakes. Reed, Mildred A. (Advisor: Dr. J. Carl Bass)
1970. An Analysis of the Age and Growth Rates of A *Lepomis cyanellus* Population Taken from a Strip-mine Lake in Southeast Kansas. Rudella, John D. (Advisor: Dr. J. Carl Bass)
1970. Age and Growth of a Population of Bluegill. Coffey, Roger L. (Advisor: Dr. J. Carl Bass)
1968. The Osteogenesis of the Pectoral Spine of the Channel Catfish *Ictalurus punctatus* (Rafinesque). Triplett, James Robert. (Advisor: Dr. J. Carl Bass)
1967. A Growth Comparison of the Bluegill *Lepomis macrochirus* in a Pennsylvania and a Kansas Strip-mine Lake. Wessner, John. (Advisor: Dr. J. Carl Bass)
1965. Some Aspects of the Ecology of Small Rodents in a Strip-mine Habitat. Heacock, Kenneth L. (Advisor: Dr. Horace Hays)
1965. Comparison of Growth Rate of *Pomoxis annularis* in Two Strip Pits in Crawford County Kansas. Alexander, Ronald R. (Advisor: Dr. J. Carl Bass)
1951. Fish Production in Strip-mine Lakes of Southeastern Kansas: II. A Preliminary Limnological Study of the College Farm Strip-mine Lake. Burner, Charles G. (Advisor: Dr. C. Leist)

Monahan Outdoor Education Center

1996. The Evaluation of Two Types of Multivariate Analyses Applied to Grassland Vegetation Data from a Reclaimed Coal Mine Area in Southeast Kansas, USA. Yates, Karen F. (Advisor: Dr. Joe Arruda)
1996. Land Use and Anuran Biodiversity in Southeast Kansas. Anderson, Lewis Ray. (Advisor: Dr. Joe Arruda)
1994. A Post-Reclamation Water Quality Assessment of the Monahan Outdoor Education Center. Imhof, Sally A. (Advisor: Dr. Joe Arruda)
1989. Vegetative Analysis of the Monahan Reclaimed Mined Land Area. Vickers, Jeff L. (Advisor: Dr. Ralph Kelting)

Theses whose themes match the research and educational intent of the field laboratory

2003. Avian Diversity and Relative Frequency of the Unreclaimed Strip Mines of Southeast Kansas. Stoppelman, Timothy A. (Advisor: Steven D. Ford)
2002. Aquatic Toxicity of Turkey Creek, Joplin, Missouri. Harrell, Timothy D. (Advisor: James R. Triplett)
2002. Tributaries and Nutrient Loading in the Spring River Basin. Chambers, Dave K. (Advisor: Joseph A. Arruda)
1998. A Comparative Study of Bryophyte Diversity Between Open Tallgrass Prairies and Prairies Altered by Strip Mining. Sanford, Marsha R. (Advisor: Stephen L. Timme)
1995. Water Quality and Evaluation of the Cow Creek Stream System Crawford County Kansas. McAllister, DeWayne H. (Advisor: James R. Triplett)
1995. Contaminant Levels in Edible Fish from Southeast Kansas Strip-mined Lakes. Austin, Allisyn M. (Advisor: Joseph A. Arruda)
1993. The Effect of Land Use on Water Quality in Two Southeast Kansas Watersheds. Campbell, Todd Allen. (Advisor: Joseph A. Arruda)
1992. Environmental Health of Riverine Vertebrates in Southeast Kansas. Koon, Kenneth Scott (Advisor: Joseph A. Arruda)
1992. Greenhouse Study of the Effect of Cover and Soil Amendments Added to Mine Land Tailings from Galena, Kansas on Germination and Growth of Various Plant Species. Gifford, Katherine Ann (Advisor: Stephen L. Timme)
1991. The Feasibility of Using Fish as Biological Monitors to Assess Toxic Impact in Some Southeast Kansas Streams. Mah, Glenda L. (Advisor: Joseph A. Arruda)
1986. A Biological Survey of the Kansas Segments of Spring River and Shoal Creek. Terry, Patricia (Advisor: James R. Triplett)
1978. The Effects of Inorganic Pollution on the Algal and Fish Communities of Short Creek. Ikenberry, Eric A. (Advisor: Eugene Fairchild)
1977. A Preliminary Floristic Study of Soil Algae from Pre and Post Strip-mine Land of Crawford County, Kansas. Clarkson, Terry (Advisor: Eugene Fairchild)
1975. A Floristic and Successional Study of Soil Algae from "Hell's Half Acre", Galena, Kansas. (Advisor: Eugene Fairchild)
1974. Limnological and Fisheries Investigations of Twelve Strip-mine Lakes in Southeast Kansas. Wilbert, Dennis L. (Advisor: J. Carl Bass)
1974. The Soil Algae of a Strip-mined Ridge in a Strip-mined Area in Crawford County, Kansas. Hild, Fred S. (Advisor: Eugene Fairchild)
1974. Isolation and Partial Characterization of Acidophilic Autotrophic Iron-Oxidizing Bacteria from Acid Strip Pit Water in SE Kansas. Campbell, Warren (Advisor: Bettie Duncan)
1971. Limnological and Fisheries Investigations of Strip-mine Lakes of Southeast Kansas. Scheve, Jerry W. (Advisor: J. Carl Bass)
1971. Limnology and Fisheries Investigation On Twelve Strip-mine Lakes in Southeast Kansas. Lillie, Joe E. (Advisor: J. Carl Bass)
1969. Limnology of Strip-mine Lakes and Chemical Analysis of Spoil Materials. Tobaben, Donald J. (Advisor: J. Carl Bass)
1968. Limnology and Fisheries Productivity of Acid and Alkaline Strip-mine Lakes. Gash, Steven L. (Advisor: J. Carl Bass)
1967. Pre-and-Post Improvement Study on Six Southeast Kansas Strip-mine Lakes. Waller, William Thomas (Advisor: J. Carl Bass)
1967. Helminth Fauna of Centrarchidae from Stream and Strip-mine Lakes in Crawford County, Kansas. Gash, Rosielea (Advisor: J.C. Johnson)
1959. The Distribution and Relative Abundance of Small Mammals in the Strip-mined Area of Pittsburg, Kansas. Brown, Bertrand J. (Advisor: Horace Hays)
1958. Fish Production in Strip-mine Lakes of Southeastern Kansas: VI. Plankton, Benthos, and Fish in Three Strip-mine Lakes with Varying pH Values. Stockinger, Niles F. (Advisor: Horace Hays)
1952. Fish Production in Strip-mine Lakes of Southeastern Kansas: IV. Food habits of the Fish and the Physio-Chemical Conditions of the Water in Three Strip-mine Lakes. Wells Jr., James R. (Advisor: Claude Leist)
1952. Fish Production in Strip-mine Lakes of Southeastern Kansas: V. A Preliminary Limnological Study of Age-Growth as Determined by Scale Readings of Black Bass and Green Sunfishes in a Strip-mine Lake of Cherokee County, Kansas. Fuller, Charles C. (Advisor: Claude Leist)
1951. Fish Production in Strip mine Lakes of Southeastern Kansas: III. A Preliminary Survey of Food Habits of the Fish and Physical and Chemical Conditions of the Water of Three Lakes. Maupin, James K. (Advisor: Claude Leist)
1951. Fish Production in Strip-mine Lakes of Southeastern Kansas: II. Seasonal Fluctuations in the Limnological Conditions of College Lake. Fish, William H. (Advisor: Claude Leist)
1951. The Relationship of Soil pH to the Tree Growth Occurring on a Selected Tract of Strip-Mine Banks. Dryden, Fred O. (Advisor: Gladys Galligar)
1948. Helminths of the Centrarchid Fishes of Crawford County, Kansas Strip Pits. Leonard, Edgar M. (Advisor: Claude Leist)
1940. A Comparison of the Summer and Fall Fauna of Three Selected Strip-Mine Areas and a Nearby Prairie Plot in Crawford County Kansas. Emery, Sampson (Advisor: Jacob Uhrich)
1939. A Comparison of the Spring Fauna of Three Selected Strip-Mine Areas and a Nearby Prairie Plot in Crawford County, Kansas. Hall, Lucille (Advisor: Jacob Uhrich)
1938. A Limnological Study of a Selected Area of Tar Creek, Ottawa County, Oklahoma, to Determine the Effect of Water from its Lead and Zinc Mines upon the Microscopic Fauna and Flora. Anderson, Joe N. (Advisor: Harry H. Hall)