

MACRO-INVERTEBRATE SURVEY OF TIMPANOGOS CAVE

Jon Jasper
Resource Management Specialist
Timpanogos Cave National Monument
RR 3 Box 200
American Fork UT 84003-9803
801-492-3647 work
Jon_Jasper@nps.gov

Dr Riley Nelson
Department of Integrative Biology
Brigham Young University
Provo UT 84602-0002
rileynelson@byu.edu

Abstract

Under the funding of the National Park Service's Inventory and Monitoring Program, Dr Riley Nelson of Brigham Young University was contacted to perform a two-year survey to identify the macro-invertebrate species of the Timpanogos Cave. Species were collected in 87 pitfall traps placed throughout the entire cave system. These traps were collected every two weeks, sorted, and identified. Preliminary results show that a total of 29 taxon were collected, most from Sciaridae, Mycetophilidae, and Anobiidae. From this study, indicator species will be selected for monitoring the health of the cave.
