

# Project Information for the Noctuidae Project

**Principal Investigator:** Michael Pogue

**Project Description:** Michael Pogue 2004 moth collection (DLIA2004-12)

**Project Dates:**      **Start Date:**    4/1/2004      **End Date:**        3/1/2005

**Protocol:**

**Project Notes:**

**Summary:**

In 2004 I collected a total of 18 trap nights ranging in elevation from 1478 – 5400 ft. Also included in the data are 2004 records for specimens I identified for the Purchase Knob collection. To date (2004) there are 490 species of Noctuidae or Owlet moths recorded from GSMNP. In 2004, six new noctuid park records were added. All of the new park records were collected by J. Bolling Sullivan in several localities along the north shore of Fontana Lake, where a proposed road may be built. The 490 species represents approximately 90% of the predicted noctuid fauna of GSMNP. Six days were spent collecting at remote sites that were accessed by pack llamas. A total of 1,030 specimens have so far been identified and databased from the 2004 collections. Participation in the Lepidoptera Bio Blitz yielded many localities and specimens. These specimens are in the process of being prepared, labeled, databased, and identified.