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Park/NPS Unit: SCPN

Title of Project: Identification and Enumeration of Aquatic Macroinvertebrate Samples to Support Long-Term Monitoring of Aquatic Macroinvertebrate Communities in National Park Service Units of the Southern Colorado Plateau Network

Administered through the: (pick from drop down list): Colorado Plateau Cooperative Ecosystem Studies Unit Cooperative Agreement Number H1200-09-0005

CESU Partner (pick from drop down list): Utah State University

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Project Dates:

Start Date: September 30, 2011

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PROJECT ABSTRACT:

National Park Service (NPS) units of the Southern Colorado Plateau Inventory and Monitoring Networks (SCPN) have identified a need for long-term monitoring of aquatic macroinvertebrate assemblages as indicators of the overall condition of stream ecosystems. SCPN staff and USGS cooperators developed a draft monitoring protocol through previous efforts (Brasher et al 2011).

SCPN staff plans to collect aquatic macroinvertebrate samples in eight streams during the Fall of 2011 and three streams during the Spring of 2012, according to methods detailed in the monitoring protocol. The overall purpose of the project described herein is for SCPN and the BLM/USU National Aquatic Monitoring Center, Logan, UT (BugLab) to collaborate to identify and enumerate aquatic macroinvertebrate samples collected as part of this long-term monitoring effort.

Keywords: Surveys / Monitoring, Invertebrates

