

Award Number: PR/J Number: R2121100004

PROJECT ABSTRACT

Colorado Plateau Cooperative Ecosystem Studies Unit (Cooperative Agreement # H1200-09-0005)

Park: Parks of the Southern Colorado Plateau I&M Network

Project Title: 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

Funding Amount: \$11,515

CPCESU Partner Institution: Utah State University

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Start Date: September 30, 2010

End Date: December 31, 2011

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 plans to collect aquatic macroinvertebrate samples in eight streams during the Fall of 2010 and three streams during the Spring of 2011, according to methods detailed in the draft 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