**NPS**

**PROJECT SUMMARY**

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| **Cooperative Ecosystem Studies Unit**  **Cooperative Agreement Modification** | | | | | |
| FUNDING AGENCY: **National Park Service** | | | | | |
| MODIFICATION NO.: **[CESU info only]** | | COOPERATIVE AGREEMENT NO.:**1200-99-009** | | FUNDING AMOUNT: $60,002 | |
| INVESTIGATORS Contact Information**Stephen M. Shuster**([stephen.shuster@nau.edu](mailto:tina.ayers@nau.edu); 928 523-9302)**; Lawrence E. Stevens**([farvana@aol.com](mailto:farvana@aol.com); 928-774-4923) | | | | | |
| PROJECT TITLE:**A Faunal Inventory of Selected Glen Canyon Springs, Arizona and Utah.** | | | | | |
| EFFECTIVE DATES**: 6-1-2003 / 5-31-2005** | | | | | |
| PROJECT ABSTRACT:The proposed research will involve a 2-year faunal inventory of 4 springs in Glen Canyon National Recreation Area to provide baseline information to the National Park Service on the biological elements of these important ecosystems. The project will also include analysis of genetic variation within and among populations of four invertebrate species that are present in each of the study sites. | | | | | |
| **Agency Representative:**  Ron Hiebert, NPS Research Coordinator  CPCESU  Northern Arizona University  P.O. Box 5765  Flagstaff, AZ 86011-5765  Tel: (928) 523-0877  Fax: (928) 520-8223  Ron.Hiebert@nau.edu | **Agency Administration Representative**  Lynell Wright  Budget Assistant  Intermountain Support Office  Denver, CO 80225-0287  Tel: (303) 969-2654  lynell\_wright@nps.gov | | **Investigator:**  Stephen M. Shuster  Professor of Invertebrate Zoology  Biological Sciences Dept.  Northern Arizona University  PO Box 5640  Flagstaff, AZ 86011-5640  Tel: (928) 523-9302  Fax: (928) 523-7500  Stephen.shuster@nau.edu | | **Partner Admin. Contact: NAU Contact**  Winnie Ennenga  Director, Grants & Contracts  **Babbitt Administrative Center,Room 100**  **P.O. Box 4130**  **Flagstaff, Arizona, 86011-4130**  Tel: (928) 523-8319 |
| ***List of Key Words: [Insert key words]***     1. ***Faunal inventory*** 2. ***Invertebrates*** 3. ***Genetic analysis*** | | | | | |
| ***Agency Manager/Technical Representative from National Park - Include contact information @ Specific Park****:*  John Spence  Botanist and Natural Resources Manager  Glen Canyon National Recreation Area  Tel: (928) 608-2523  John\_Spence@nps.gov | | | | | |
| *Annual Report Received:*  *Final Report Received:*  *Publications on File:* | | | | | |
| *This Modification is subject to all the provisions included in the Cooperative Agreement,****dated 6/22/99.*** | | | | | |
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*Attach any supporting material as necessary.*