**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; 928 523-9302)**; Lawrence E. Stevens**(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, NPSResearch CoordinatorCPCESUNorthern Arizona UniversityP.O. Box 5765Flagstaff, AZ 86011-5765Tel: (928) 523-0877Fax: (928) 520-8223Ron.Hiebert@nau.edu  | **Agency Administration Representative**Lynell WrightBudget AssistantIntermountain Support OfficeDenver, CO 80225-0287Tel: (303) 969-2654lynell\_wright@nps.gov | **Investigator:**Stephen M. ShusterProfessor of Invertebrate ZoologyBiological Sciences Dept.Northern Arizona UniversityPO Box 5640Flagstaff, AZ 86011-5640Tel: (928) 523-9302Fax: (928) 523-7500Stephen.shuster@nau.edu | **Partner Admin. Contact: NAU Contact**Winnie EnnengaDirector, 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***

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| ***Agency Manager/Technical Representative from National Park - Include contact information @ Specific Park****:*John SpenceBotanist and Natural Resources ManagerGlen Canyon National Recreation AreaTel: (928) 608-2523John\_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.*