**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: **$ 8900.00** |
| INVESTIGATORS Contact Information: Rod Parnell, Ph.D., (NAU), Charles Drost (USGS), James W. Kendrick, Ph.D.  |
| PROJECT TITLE:**A Study of Burrowing Animals and their Impact to Archaeological Sites at El Morro National Monument**  |
| EFFECTIVE DATES**: August 31, 2002 through December 31, 2003**  |
| PROJECT ABSTRACT:**This project will identify the factors and species contributing to extensive bioturbation within archaeological sites at El Morro National Monument. Project biologists will identify and evaluate the species affecting the sites, and will recommend mitigative treatments and develop long-term preservation management options for the Monument. National Park Service archaeologists will, in turn, document the nature and extent of the damage at these sites and work closely with project biologists to evaluate the impacts to archaeological resources.** |
| **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) 969-2750Mary\_Estep@nps.gov | **Investigator:**[Insert PI from partner institution]  **Rod Parnell, Ph.D. (NAU)** | **Partner Admin. Contact: NAU Contact-[please insert your local institution contact]:****Claudette Piper****928-523-1656** |
| ***List of Key Words: [Insert key words]*****Archaeological site, bioturbation, burrowing animals, impact, El Morro National Monument**  |
| ***Agency Manager/Technical Representative from National Park - Include contact information @ Specific Park****:*James W. Kendrick, Ph.D.Archaeologist, El Malpais National Monument123 East Roosevelt Ave., Grants, NM 87020505-285-4641 x40 (Jim\_Kendrick@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.*