**NPS**

**PROJECT SUMMARY**

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| **Cooperative Ecosystem Studies Unit****Cooperative Agreement Modification**  |
| FUNDING AGENCY: National Park Service  |
|  MODIFICATION NO.: **[ insert # ]**  | COOPERATIVE AGREEMENT NO.:**1200-99-009** |  FUNDING AMOUNT: $ **9,859** |
| INVESTIGATORS Contact Information: **[please list all CO-Pis contact information]****David G. Anderson (970) 491-5857** |
| PROJECT TITLE:**[ insert title ]****Population Status Survey for Schmoll Milkvetch**  |
| EFFECTIVE DATES**:[start/end date]**5/14/01 through 12/31/01 |
| PROJECT ABSTRACT:**[� insert short description of project ]****Schmoll Milkvetch is potential species for federal listing due to its limited distribution, potential threats from catastrophic fire and other disturbances, and possible dependence on a particular disturbance regime for reproductive success.� Park resource managers are initiating this population survey to provide baseline data on the status of this species.� Possible threats to this endemic species are the reasons for the urgency of this request.� Locate all Schmoll Milkvetch plants growing on Chapin Mesa within Mesa Verde National Park and the Ute Mountain Ute Tribal Park.****The objectives for the project are as follows:****a)**       **Search for Schmoll Milkvetch plants growing beyond Chapin Mesa****b)**       **Accurately map the locations of Schmoll Milkvetch as they are found****c)**       **Describe the growth patterns of Schmoll Milkvetch growing within the clusters****d)**       **Measure certain environmental conditions that could be used as indicators of suitable habitat or limiting factors for Schmoll Milkvetch****e)**       **Record other relevant, ecological observations within the study area.****The deliverables will include a brief report summarizing the findings from the project, all GPS occurrence data gathered during 2001, photos, and field notes on the ecology and other general observations.**  |
| **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:**David G. AndersonColorado Natural Heritage ProgramColorado State UniversityFort Collins, CO 80523(970) 491-5857  | **Partner Admin. Contact:**Carmen MoralesSponsored ProgramsColorado State UniversityFort Collins, CO 80523(970) 491-6684cmorales@research.colostate.edu |
| ***List of Key Words: [Insert key words]******Astraglus schmolliae, Colorado Natural Heritage Program, Mapping, GPS, GIS***  |
| ***Agency Manager contact information @ Specific Park****:**Mesa Verde National Park and Ute Mountain Ute Tribal Park*  |
| *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.*