**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: $ 10,000 | |
| INVESTIGATORS Contact Information: **Dr. Rod Parnell, Director, CP-CESU, 928-523-3329; Charles Drost, Zoologist, 928-556-7466 ext 233; Jan Hart, Field Biologist 928-556-7466 ext 231** | | | | | |
| PROJECT TITLE:Inventory of Bird Species at Manzanar National Historic Site | | | | | |
| EFFECTIVE DATES**: 6/1/2002 9/1/2004** | | | | | |
| PROJECT ABSTRACT: Although vegetation is the primary component of the parks cultural landscape, no information is available on the status or condition of natural resources Manzanar National Historic Site. Although only 814 acres in size, the park includes a one-mile long natural watercourse and a unique hydrologic area where ground water remains near the surface, creating a potentially rich and diverse riparian area. In FY2002, NRPP Small Parks funds were received to conduct an inventory of bird species at MANZ. The objective of this project is to document the occurrence of 90% of bird species currently estimated to occur within the park.Bird species of special concern that may occur within MANZ include the Least Bells Vireo (*Vireo bellii pusillus*) (Federally Endangered) and Southwestern Willow Flycatcher (*Empidonax traillii extimus*)(former Candidate for listing). It is considered crucial by park staff that baseline information on natural resources be obtained to inform and guide the planning and management process. | | | | | |
| **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**  Mary Estep  Budget Assistant  Intermountain Support Office  Denver, CO 80225-0287  Tel: (303) 969-2750  Mary\_Estep@nps.gov | | **Investigator:**  **Dr. Charles Drost**  **USGS � Colorado Plateau Field Station**  **Northern Arizona University**  **Flagstaff, AZ 86001**  **Tel: (928) 556-7466 ext 233**  **charles.drost@nau.edu** | | **Partner Admin. Contact: NAU Contact:�**  **Claudette Piper**  **NAU**  **Office of Grant and Contract Services**  **(928) 523-1656** |
| ***List of Key Words: [Insert key words]***  ***Manzanar National Historic Site, bird, inventory*** | | | | | |
| ***Agency Manager/Technical Representative from National Park****:*    Kristina M. Heister, Mojave Inventory and Monitoring Coordinator  Great Basin National Park  100 Great Basin National Park  Baker, NV 89311  Tel: (775) 234-7331 ext 227  Fax: (775) 234-7269  Email: kristina\_heister@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.*