

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Monitoring and Long-Term Control of Insect Pests at Colter Bay Indian Arts Museum (Continuation of UWY-38)

Type of Project: Technical Assistance

Funding Agency: National Park Service

Other Partners/Cooperators: University of Wyoming

Effective Dates: 4/1/2005 - 3/31/2006

Funding Amount: \$4,837.00

Investigators and Agency Representative:

NPS Contact: Brian Villalobos, P.O. Drawer 170, Moose, WY 83012, 307-739-3483, Charles_Villalobos@nps.gov

Investigator: Dr. Alex Latchininsky, Renewable Resources/Entomology Department 3354, University of Wyoming, 1000 E. University St., Laramie, WY 82071, 307-766-2298, latchini@uwyo.edu

Project Abstract:

The Science and Resource Management Division in Grand Teton National Park (GRTE) will cooperate with the University of Wyoming (UW) to identify and control insect pests at the Colter Bay Indian Arts Museum. The researchers will collaborate on insect identification from sticky traps deployed during the spring, summer, and fall of 2005. Sticky traps will be collected from the Museum once every month for seven months and sent to the UW - Entomology Department, Extension Service for insect pest ID. Prompt reporting to GRTE, will include a written table of 'insect names' (i.e., Order, Family, and common name), '# trapped', with 'trap location', and 'date placed' in Museum. This is the monitoring and control phase of work begun by UW in 2004. The Integrated Pest Management (IPM) Coordinator will place, collect, and send sticky traps to UW. The IPM Coordinator, working with the Park's Museum Curator, will monitor and control insect pests throughout the museum based on recommendations from the UW investigators. All of these efforts will lead to improved protection of the David T. Vernon Collection of Indian Arts. The project findings will be incorporated into National Park Service (NPS) operations and planning efforts. The NPS and UW will jointly participate in developing, reviewing, and modifying project proposals, data, and reports. In addition, the NPS will have substantial involvement prior to project activity to insure compliance with NEPA.

Outcomes with Completion Dates:

1. Insect ID from sticky traps and addition of pest records into Park collection.
2. Report to GRTE within a two-week time period, after UW receives each monthly set of sticky traps, a written table of 'insect names' (i.e., Order, Family, and common name), '# trapped', with 'trap location', and 'date placed' in Museum.
3. Recommendations for improved protection of David T. Vernon Collection of Indian Arts.

Keywords: insect pests, integrated pest management, Colter Bay Indian Arts Museum, Grand Teton National Park, University of Wyoming, museum collections

For Administrative Use Only:

Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: