

**Project Summary**  
**Rocky Mountains Cooperative Ecosystem Studies Unit**

<b>Project Title:</b> Paleontological Survey/Inventory and Management Plan
<b>Type of Project:</b> Research
<b>Funding Agency:</b> National Park Service
<b>Other Partners/Cooperators:</b> Geological Society of America
<b>Effective Dates:</b> April 5, 2004 - December 30, 2004
<b>Funding Amount:</b> \$9,200
<p><b>Investigators and Agency Representative:</b>  NPS KEY OFFICIAL: Dave Price, Colorado N.M., Fruita, CO 81521; 970-858-3617 x313 Dave_Price@nps.gov  PRINCIPAL INVESTIGATOR: Kelli C. Trujillo, Dept. of Geology and Geophysics, The University of Wyoming, Dept. 3006, 1000 E. University Ave., Laramie, WY 82071 307-760-5532, ktrujill@uwyo.edu</p>
<p><b>Project Abstract:</b>  The University of Wyoming will work with the NPS in completing a thorough survey of fossils in the geologic formations of Colorado National Monument. Through the GeoCorps program, three interns will be hired to assist the principal investigator, Dr. Kellu Trujillo, in completing the paleontologic survey. The interns will be involved with many activities including determining the accessibility of potentially fossil-bearing strata and ground surveying for fossils. If and when fossils are found, the localities will be recorded using GPS mapping and creating a metadata database and GIS layers. In addition, all the necessary records for museum specimens and archives will be completed. When appropriate, fossils will be collected for study through the park's collection or be utilized for public display and education.</p> <p>This project will provide park managers, interagency partners and the public with resource and GIS data that will be used in planning, decision making, and protection of paleontologic resources. With the addition of this database, alternatives for the construction of trails and/or facilities and other projects can be made in order to protect paleontologic resources.</p>
<p><b>Outcomes with completion dates:</b>  GIS data layers and metadata; GIS data posted on NPS GIS warehouse with appropriate security provided for; any specimens collected will be recorded, preserved and managed in compliance with established standards; update paleo information for COLM website; preliminary survey, field logs, and draft and final reports that will serve as basis for Paleo Mgmt. Plan; brief summary of finds appropriate for visitor and staff education and information. Completion of final report of the summer's work.</p>
<p><b>Keywords:</b> Paleontology, Colorado National Monument, The University of Wyoming, fossils, geologic formation</p>
<p><b><u>For Administrative use only:</u></b>  Date Annual Report Received:  Date Final Report Received:  Publications, etc. on file:</p>