

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

<b>Project Title:</b> Pigmy Rabbits
<b>Type of Project):</b> Research
<b>Project Discipline:</b> Natural
<b>Funding Agency:</b> Bureau of Land Management
<b>Other Partners/Cooperators:</b>
<b>Effective Dates:</b> 5/11/2006 – 5/31/2007
<b>Funding Amount:</b> \$4,416.00
<b>Investigators and Agency Representative (include name, address, phone, email):</b>  <b>Investigators:</b> Janet Rachlow- Fish and Wildlife Resources, University of Idaho, Moscow, ID 83844-1136 Office Phone: (208) 885-9328; E-mail: <a href="mailto:jrachlow@uidaho.edu">jrachlow@uidaho.edu</a>
<b>Project Abstract:</b> The goal of this research is to gain an understanding of how pygmy rabbit populations in Montana are genetically and spatially connected to populations in Idaho. Specific project objectives include: <ol style="list-style-type: none"><li>1. Identify potential routes for movement of individuals and genes by evaluating spatial relationships among populations on each side of the state borders.</li><li>2. Collect genetic samples from a subset of those populations.</li><li>3. Use analysis of genetic diversity within and among populations to evaluate gene flow and dispersal among populations.</li><li>4. Work with biologist in Montana to explore the potential for a cooperative program to examine movement of telemetered individuals among populations.</li></ol>
<b>Outcomes with completion dates:</b> A final report, copies of the dissertation and all publications will be submitted at the completion of the graduate project no later than May 31, 2007.
<b>Keywords:</b> Pygmy rabbit, populations, genetic diversity, Idaho, Montana